

San Diego Gas & Electric Company

Volume - 5

CAISO Wholesale TO3 Final True-Up
Adjustment for the 17-Month Period
from April 2012 through August 2013
with all Supporting Cost Statements,
Work Papers, and Derivation of the
True-Up Adjustment.
(Exhibit SDG-5)

(December 1, 2014)

Docket No. ER15- -

San Diego Gas & Electric Company
Derivation of CAISO Wholesale True-Up Adjustment
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San Diego Gas & Electric Company

Section 3.1.1

Derivation of CAISO Wholesale True-Up Adjustment.

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**Section 3.1.1
San Diego Gas Electric Co.**

TO3-17 Month FINAL Wholesale True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 5 Apr-12	Cycle - 5 May-12	Cycle - 5 Jun-12	Cycle - 5 Jul-12	Cycle - 5 Aug-12	Cycle - 6 Sep-12
1	Beginning Balance (Overcollection)/Undercollection	\$ -	\$ 15,371,960	\$ 30,817,518	\$ 47,221,530	\$ 63,719,183	\$ 81,951,728
2							
3	Total Recorded Retail Revenues @ Transmission Level	\$ 28,546,453	\$ 30,287,269	\$ 32,227,573	\$ 32,288,108	\$ 35,339,486	\$ 60,895,841
4							
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						
6	a) Amortization of Cycle 6 True-Up Adjustment and Interest True-Up Adjustment:						
7	i. Amortization of Cycle 6 True-Up Adjustment (Sept 2012 - Aug 2013.)						(629,680)
8							
9	b) Amortization of Cycle 5 True-Up Adjustment and Interest True-Up Adjustment:						
10	i. Amortization of Cycle 5 True-Up Adjustment P2 (April 2012 - August 2012.)	(1,856,115)	(1,851,131)	(1,974,739)	(1,983,568)	(2,142,556)	
11	ii. Amortization of Cycle 5 Interest True-Up Adjustment Filed in TO3-C6.						(83,957)
12	c) Amortization of Cycle 4 True-Up Adjustment and Interest True-Up Adjustment:						
13	i. Amortization of Cycle 4 Interest True-Up Adjustment P2 (April 2012-August 2012.)	(45,538)	(45,423)	(48,464)	(48,668)	(185,173)	
14	ii. Amortization of Cycle 4 Interest True-Up Adjustment Filed in TO3-C6.						(8,606)
15	d) Amortization of Cycle 3 True-Up Adjustment and Interest True-Up Adjustment:						
16							
17	ii. Amortization of Cycle 3 Interest TU Adjustment Accrued After Fully Amortized (April 2012 - August 2012.)	(1,366)	(1,363)	(1,454)	(1,460)	(3,379)	
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ (1,903,019)	\$ (1,897,917)	\$ (2,024,657)	\$ (2,033,696)	\$ (2,331,108)	\$ (722,243)
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ 26,643,434	\$ 28,389,352	\$ 30,202,916	\$ 30,254,412	\$ 33,008,378	\$ 60,173,598
25							
26	Total True-Up Revenues (TU Cost of Service)	\$ 41,994,670	\$ 43,770,393	\$ 46,501,947	\$ 46,596,966	\$ 51,037,702	\$ 58,299,110
27							
28	Net Monthly (Overcollection)/Undercollection	\$ 15,351,236	\$ 15,381,041	\$ 16,299,031	\$ 16,342,554	\$ 18,029,324	\$ (1,874,488)
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ -	\$ -	\$ -	\$ 47,221,530	\$ 47,221,530	\$ 47,221,530
32	Monthly Activity Included in Interest Calculation Basis	7,675,618	23,041,756	38,881,792	8,171,277	25,357,216	33,434,634
33	Basis for Interest Expense Calculation	7,675,618	23,041,756	38,881,792	55,392,806	72,578,746	80,656,164
34	Monthly Interest Rate	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%	0.270000%
35	Interest Expense	\$ 20,724	\$ 64,517	\$ 104,981	\$ 155,100	\$ 203,220	\$ 217,772
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 15,371,960	\$ 30,817,518	\$ 47,221,530	\$ 63,719,183	\$ 81,951,728	\$ 80,295,011
38							
39		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	30	31	30	31	31	30
43	Monthly Interest Rate - Calculated	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%	0.270000%
44	FERC Interest Rates - Website	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%	0.270000%
45	Difference	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%

000002

Section 3.1.1
San Diego Gas Electric Co.
TO3-17 Month FINAL Wholesale True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Oct-12	Cycle - 6 Nov-12	Cycle - 6 Dec-12	Cycle - 6 Jan-13	Cycle - 6 Feb-13	Cycle - 6 Mar-13
1	Beginning Balance (Overcollection)/Undercollection	\$ 80,295,011	\$ 79,917,373	\$ 79,586,693	\$ 79,255,945	\$ 78,929,390	\$ 78,590,963
2							
3	Total Recorded Retail Revenues @ Transmission Level	\$ 53,199,807	\$ 45,773,050	\$ 48,329,194	\$ 48,527,272	\$ 46,983,745	\$ 43,314,085
4							
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						
6	a) Amortization of Cycle 6 True-Up Adjustment and Interest True-Up Adjustment:						
7	i. Amortization of Cycle 6 True-Up Adjustment (Sept 2012 - Aug 2013.)	(577,722)	(500,251)	(528,621)	(531,526)	(516,406)	(469,674)
8							
9	b) Amortization of Cycle 5 True-Up Adjustment and Interest True-Up Adjustment:						
10	i. Amortization of Cycle 5 True-Up Adjustment P2 (April 2012 - August 2012.)						
11	ii. Amortization of Cycle 5 Interest True-Up Adjustment Filed in TO3-C6.	(77,030)	(66,700)	(70,483)	(70,870)	(68,854)	(62,623)
12	c) Amortization of Cycle 4 True-Up Adjustment and Interest True-Up Adjustment:						
13	i. Amortization of Cycle 4 Interest True-Up Adjustment P2 (April 2012-August 2012)						
14	ii. Amortization of Cycle 4 Interest True-Up Adjustment Filed in TO3-C6.	(7,896)	(6,837)	(7,224)	(7,264)	(7,058)	(6,419)
15	d) Amortization of Cycle 3 True-Up Adjustment and Interest True-Up Adjustment:						
16							
17	ii. Amortization of Cycle 3 Interest TU Adjustment Accrued After Fully Amortized (April 2012 - Au						
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ (662,648)	\$ (573,788)	\$ (606,328)	\$ (609,660)	\$ (592,318)	\$ (538,716)
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ 52,537,159	\$ 45,199,262	\$ 47,722,866	\$ 47,917,612	\$ 46,391,427	\$ 42,775,369
25							
26	Total True-Up Revenues (TU Cost of Service)	\$ 51,935,537	\$ 44,654,145	\$ 47,171,275	\$ 47,369,907	\$ 45,856,897	\$ 42,242,065
27							
28	Net Monthly (Overcollection)/Undercollection	\$ (601,622)	\$ (545,117)	\$ (551,591)	\$ (547,704)	\$ (534,530)	\$ (533,304)
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 80,295,011	\$ 80,295,011	\$ 80,295,011	\$ 79,255,945	\$ 79,255,945	\$ 79,255,945
32	Monthly Activity Included in Interest Calculation Basis	(300,811)	(874,180)	(1,422,534)	(273,852)	(814,969)	(1,348,887)
33	Basis for Interest Expense Calculation	79,994,200	79,420,831	78,872,477	78,982,093	78,440,975	77,907,058
34	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
35	Interest Expense	\$ 223,984	\$ 214,436	\$ 220,843	\$ 221,150	\$ 196,102	\$ 218,140
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 79,917,373	\$ 79,586,693	\$ 79,255,945	\$ 78,929,390	\$ 78,590,963	\$ 78,275,798
38							
39		Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	31	30	31	31	28	31
43	Monthly Interest Rate - Calculated	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
44	FERC Interest Rates - Website	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000003

Section 3.1.1
San Diego Gas Electric Co.
TO3-17 Month FINAL Wholesale True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Apr-13	Cycle - 6 May-13	Cycle - 6 Jun-13	Cycle - 6 Jul-13	Cycle - 6 Aug-13	Cycle - 6 Sep-13
1	Beginning Balance (Overcollection)/Undercollection	\$ 78,275,798	\$ 77,963,736	\$ 76,672,125	\$ 75,339,048	\$ 73,765,097	\$ 72,369,582
2							
3	Total Recorded Retail Revenues @ Transmission Level	\$ 42,866,027	\$ 47,520,442	\$ 46,598,585	\$ 56,074,030	\$ 50,993,616	\$ -
4							
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						
6	a) Amortization of Cycle 6 True-Up Adjustment and Interest True-Up Adjustment:						
7	i. Amortization of Cycle 6 True-Up Adjustment (Sept 2012 - Aug 2013.)	(472,427)	(487,806)	(460,407)	(605,436)	(573,525)	-
8							
9	b) Amortization of Cycle 5 True-Up Adjustment and Interest True-Up Adjustment:						
10	i. Amortization of Cycle 5 True-Up Adjustment P2 (April 2012 - August 2012.)						
11	ii. Amortization of Cycle 5 Interest True-Up Adjustment Filed in TO3-C6.	(62,990)	(65,041)	(61,388)	(80,725)	(79,360)	-
12	c) Amortization of Cycle 4 True-Up Adjustment and Interest True-Up Adjustment:						
13	i. Amortization of Cycle 4 Interest True-Up Adjustment P2 (April 2012-August 2012)						
14	ii. Amortization of Cycle 4 Interest True-Up Adjustment Filed in TO3-C6.	(6,457)	(6,667)	(6,292)	(8,274)	(8,103)	-
15	d) Amortization of Cycle 3 True-Up Adjustment and Interest True-Up Adjustment:						
16							
17	ii. Amortization of Cycle 3 Interest TU Adjustment Accrued After Fully Amortized (April 2012 - Au						
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ (541,874)	\$ (559,514)	\$ (528,087)	\$ (694,435)	\$ (660,988)	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ 42,324,153	\$ 46,960,928	\$ 46,070,498	\$ 55,379,595	\$ 50,332,628	\$ -
25							
26	Total True-Up Revenues (TU Cost of Service)	\$ 41,801,452	\$ 45,453,718	\$ 44,533,632	\$ 53,597,189	\$ 48,733,394	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ (522,701)	\$ (1,507,210)	\$ (1,536,866)	\$ (1,782,406)	\$ (1,599,234)	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 78,275,798	\$ 78,275,798	\$ 78,275,798	\$ 75,339,048	\$ 75,339,048	\$ 75,339,048
32	Monthly Activity Included in Interest Calculation Basis	(261,350)	(1,276,306)	(2,798,343)	(891,203)	(2,582,023)	(3,381,640)
33	Basis for Interest Expense Calculation	78,014,448	76,999,492	75,477,455	74,447,846	72,757,026	71,957,409
34	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
35	Interest Expense	\$ 210,639	\$ 215,599	\$ 203,789	\$ 208,454	\$ 203,720	\$ 194,285
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 77,963,736	\$ 76,672,125	\$ 75,339,048	\$ 73,765,097	\$ 72,369,582	\$ 72,563,867
38							
39		Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	30	31	30	31	31	30
43	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
44	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000004

Section 3.1.1
San Diego Gas Electric Co.
TO3-17 Month FINAL Wholesale True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Oct-13	Cycle - 6 Nov-13	Cycle - 6 Dec-13	Cycle - 6 Jan-14	Cycle - 6 Feb-14	Cycle - 6 Mar-14
1	Beginning Balance (Overcollection)/Undercollection	\$ 72,563,867	\$ 72,767,046	\$ 72,962,969	\$ 73,166,147	\$ 73,371,013	\$ 73,553,928
2							
3	Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						
6	a) Amortization of Cycle 6 True-Up Adjustment and Interest True-Up Adjustment:						
7	i. Amortization of Cycle 6 True-Up Adjustment (Sept 2012 - Aug 2013.)	-	-	-	-	-	-
8							
9	b) Amortization of Cycle 5 True-Up Adjustment and Interest True-Up Adjustment:						
10	i. Amortization of Cycle 5 True-Up Adjustment P2 (April 2012 - August 2012.)						
11	ii. Amortization of Cycle 5 Interest True-Up Adjustment Filed in TO3-C6.	-	-	-	-	-	-
12	c) Amortization of Cycle 4 True-Up Adjustment and Interest True-Up Adjustment:						
13	i. Amortization of Cycle 4 Interest True-Up Adjustment P2 (April 2012-August 2012)						
14	ii. Amortization of Cycle 4 Interest True-Up Adjustment Filed in TO3-C6.	-	-	-	-	-	-
15	d) Amortization of Cycle 3 True-Up Adjustment and Interest True-Up Adjustment:						
16							
17	ii. Amortization of Cycle 3 Interest TU Adjustment Accrued After Fully Amortized (April 2012 - August 2012)						
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Total True-Up Revenues (TU Cost of Service)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 72,563,867	\$ 72,563,867	\$ 72,563,867	\$ 73,166,147	\$ 73,166,147	\$ 73,166,147
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	0	0
33	Basis for Interest Expense Calculation	72,563,867	72,563,867	72,563,867	73,166,147	73,166,147	73,166,147
34	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
35	Interest Expense	\$ 203,179	\$ 195,922	\$ 203,179	\$ 204,865	\$ 182,915	\$ 204,865
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 72,767,046	\$ 72,962,969	\$ 73,166,147	\$ 73,371,013	\$ 73,553,928	\$ 73,758,793
38							
39		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	31	30	31	31	28	31
43	Monthly Interest Rate - Calculated	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
44	FERC Interest Rates - Website	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000005

Section 3.1.1
San Diego Gas Electric Co.
TO3-17 Month FINAL Wholesale True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Apr-14	Cycle - 6 May-14	Cycle - 6 Jun-14	Cycle - 6 Jul-14	Cycle - 6 Aug-14	Cycle - 6 Sep-14
1	Beginning Balance (Overcollection)/Undercollection	\$ 73,758,793	\$ 73,957,942	\$ 74,164,467	\$ 74,363,615	\$ 74,571,833	\$ 74,780,052
2							
3	Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						
6	a) Amortization of Cycle 6 True-Up Adjustment and Interest True-Up Adjustment:						
7	i. Amortization of Cycle 6 True-Up Adjustment (Sept 2012 - Aug 2013.)	-	-	-	-	-	-
8							
9	b) Amortization of Cycle 5 True-Up Adjustment and Interest True-Up Adjustment:						
10	i. Amortization of Cycle 5 True-Up Adjustment P2 (April 2012 - August 2012.)						
11	ii. Amortization of Cycle 5 Interest True-Up Adjustment Filed in TO3-C6.	-	-	-	-	-	-
12	c) Amortization of Cycle 4 True-Up Adjustment and Interest True-Up Adjustment:						
13	i. Amortization of Cycle 4 Interest True-Up Adjustment P2 (April 2012-August 2012)						
14	ii. Amortization of Cycle 4 Interest True-Up Adjustment Filed in TO3-C6.	-	-	-	-	-	-
15	d) Amortization of Cycle 3 True-Up Adjustment and Interest True-Up Adjustment:						
16							
17	ii. Amortization of Cycle 3 Interest TU Adjustment Accrued After Fully Amortized (April 2012 - August 2013.)						
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Total True-Up Revenues (TU Cost of Service)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 73,758,793	\$ 73,758,793	\$ 73,758,793	\$ 74,363,615	\$ 74,363,615	\$ 74,363,615
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	0	0
33	Basis for Interest Expense Calculation	73,758,793	73,758,793	73,758,793	74,363,615	74,363,615	74,363,615
34	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
35	Interest Expense	\$ 199,149	\$ 206,525	\$ 199,149	\$ 208,218	\$ 208,218	\$ 200,782
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 73,957,942	\$ 74,164,467	\$ 74,363,615	\$ 74,571,833	\$ 74,780,052	\$ 74,980,833
38							
39		Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	30	31	30	31	31	30
43	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
44	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

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Section 3.1.1
San Diego Gas Electric Co.
TO3-17 Month FINAL Wholesale True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Oct-14	Cycle - 6 Nov-14	Cycle - 6 Dec-14	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ 74,980,833	\$ 75,190,780	\$ 75,393,228	\$ -	Previous Month's Balance	1
2							2
3	Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ 749,764,582	Section 3.2.3; Page 1; Line 15; and Section 3.2.3.1; Page 1; Line 15.	3
4							4
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						5
6	a) Amortization of Cycle 6 True-Up Adjustment and Interest True-Up Adjustment:						6
7	i. Amortization of Cycle 6 True-Up Adjustment (Sept 2012 - Aug 2013.)	-	-	-	(6,353,481)	Sect. 3.1.1.1; Page 1-2; Line 22; Cols. (a) - (m)	7
8							8
9	b) Amortization of Cycle 5 True-Up Adjustment and Interest True-Up Adjustment:						9
10	i. Amortization of Cycle 5 True-Up Adjustment P2 (April 2012 - August 2012.)				(9,808,109)	Section 3.1.1.2; Page 1-2; Line 22; (h) - (l)	10
11	ii. Amortization of Cycle 5 Interest True-Up Adjustment Filed in TO3-C6.	-	-	-	(850,021)	Section 3.1.1.3; Page 1-2; Line 22; (a) - (m)	11
12	c) Amortization of Cycle 4 True-Up Adjustment and Interest True-Up Adjustment:						12
13	i. Amortization of Cycle 4 Interest True-Up Adjustment P2 (April 2012-August 2012.)				(373,266)	Section 3.1.1.4; Page 1-2; Line 22; (h) - (l)	13
14	ii. Amortization of Cycle 4 Interest True-Up Adjustment Filed in TO3-C6.	-	-	-	(87,097)	Section 3.1.1.5; Page 1-2; Line 22; (a) - (m)	14
15	d) Amortization of Cycle 3 True-Up Adjustment and Interest True-Up Adjustment:						15
16							16
17	ii. Amortization of Cycle 3 Interest TU Adjustment Accrued After Fully Amortized (April 2012 - August 2012.)				(9,022)	Section 3.1.1.6; Page 1-2; Line 22; (h) - (l)	17
18							18
19							19
20							20
21							21
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ (17,480,996)	Sum Lines (6 thru 21)	22
23							23
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ 732,283,587	Sum Lines 3 & 22	24
25							25
26	Total True-Up Revenues (TU Cost of Service)	\$ -	\$ -	\$ -	\$ 801,550,000	Section 3.3.3; Page 125; Line 15	26
27							27
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ 69,266,413	Line 26 Minus Line 24	28
29							29
30	Interest Expense Calculations:						30
31	Beginning Balance for Interest Calculation	\$ 74,980,833	\$ 74,980,833	\$ 74,980,833		Beginning Quarterly Balances	31
32	Monthly Activity Included in Interest Calculation Basis	0	0	0		Interest Calculation Basis	32
33	Basis for Interest Expense Calculation	74,980,833	74,980,833	74,980,833		Sum Lines 31 & 32	33
34	Monthly Interest Rate	0.28000%	0.27000%	0.28000%		FERC Monthly Rates	34
35	Interest Expense	\$ 209,946	\$ 202,448	\$ 209,946	\$ 6,336,761	Line 33 x Line 34	35
36							36
37	Ending Balance (Overcollection)/Undercollection	\$ 75,190,780	\$ 75,393,228	\$ 75,603,174	\$ 75,603,174	Sum Lines 1; 26; & 33	37
38							38
39		Oct-14	Nov-14	Dec-14			39
40	FERC INTEREST RATE	3.25%	3.25%	3.25%		Annual Interest Rate - FERC Website	40
41	Days in Year	365	365	365	365	Number of Days Per Year	41
42	Days in Month	31	30	31	365	Number of Days Per Month	42
43	Monthly Interest Rate - Calculated	0.28000%	0.27000%	0.28000%	4.67000%	(Line 40)/(Line 419)x(Line 42)	43
44	FERC Interest Rates - Website	0.28000%	0.27000%	0.28000%	4.67000%	Monthly Interest Rate - FERC Website	44
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%		45

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San Diego Gas & Electric Company

Section 3.1.1.1

Amortization of TO3 Cycle 6 True-Up
Adjustment Excluded from Recorded
Revenues to Derive the Adjusted
Recorded Retail Revenues at
Transmission Level.

Docket No. ER15-____-____

Section 3.1.1.1
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization Schedule of the TO3-Cycle 6 True-Up Adjustment Amount

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Derivation of Amortization Rate:								
2	Cycle 6 TU Adjustment Amount (Offer of Settlement Filing)	\$ 6,353,481							
3	TO3-Cycle 6 Forecast Sales @ Transmission Level (kWh)	21,266,399,725							
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.00030							
5									
6		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
7	Derivation of Forecast Sales @ Transmission Level: ¹	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
8	TO3-Cycle 6 Forecast Sales - MWH @ Meter Level	1,925,668	1,694,407	1,646,472	1,695,054	1,772,263	1,659,684	1,628,624	1,571,882
9	Less: Sale for Resale MWH Forecast	2	2	2	2	2	2	2	2
10	Total Forecast Sales Net of Resale - MWh	1,925,666	1,694,405	1,646,470	1,695,052	1,772,261	1,659,682	1,628,622	1,571,880
11	Transmission Level Adjustment Factor from (TO3-Cycle 6)	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
13	Total Forecast Sales Net of Resale - kWh	2,003,883,364	1,763,229,552	1,713,346,700	1,763,902,548	1,844,247,908	1,727,096,040	1,694,773,913	1,635,727,549
14									
15	Cyclical Period Filing (Rate Effective Period)	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6
16	Amortization of TO3-Cycle 6 True-Up Adjustment: ²	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
17	True-Up Adjustment Amount - Beginning Balance	\$ 6,353,481	\$ 5,723,801	\$ 5,146,079	\$ 4,645,828	\$ 4,117,207	\$ 3,585,681	\$ 3,069,275	\$ 2,599,601
18	Recorded Net Sales @Transmission Level - MWH	2,098,932	1,925,740	1,667,502	1,762,071	1,771,753	1,721,352	1,565,579	1,574,757
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
20	Recorded Net Sales @ Transmission Level - KWH	2,098,932,136	1,925,740,061	1,667,501,875	1,762,070,527	1,771,752,975	1,721,351,918	1,565,578,571	1,574,756,670
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030
22	Monthly True-Up Adjustment Amortization Amount ³	\$ 629,680	\$ 577,722	\$ 500,251	\$ 528,621	\$ 531,526	\$ 516,406	\$ 469,674	\$ 472,427
23	True-Up Adjustment Amount - Ending Balance	\$ 5,723,801	\$ 5,146,079	\$ 4,645,828	\$ 4,117,207	\$ 3,585,681	\$ 3,069,275	\$ 2,599,601	\$ 2,127,174
24									
	NOTES:								
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.								
2	On lines 15 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the True-Up Adjustment over the rate effective September 2012 through August 2013.								
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2013, which is the end of the TO3 FINAL True-Up Adjustment period.								

Section 3.1.1.1
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization Schedule of the TO3-Cycle 6 True-Up Adjustment Amount

Line No.	Description	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rate:							1
2	Cycle 6 TU Adjustment Amount (Offer of Settlement Filing)						Cycle 6 Offer of Settlement Filing Wholesale BTRR	2
3	TO3-Cycle 6 Forecast Sales @ Transmission Level (kWh)						See Line 13 Below	3
4	Amortization Rate Per kWh @ Transmission Level						Line 2 / Line 3	4
5								5
6		(i)	(j)	(k)	(l)	(m)		6
7	Derivation of Forecast Sales @ Transmission Level: ¹	May-13	Jun-13	Jul-13	Aug-13	Total	TO3-Cycle 6 (Rate Effective Period)	7
8	TO3-Cycle 6 Forecast Sales - MWh @ Meter Level	1,573,699	1,657,157	1,795,299	1,816,123	20,436,332	See Related Work paper.	8
9	Less: Sale for Resale MWh Forecast	2	2	2	2	23	See Related Work paper.	9
10	Total Forecast Sales Net of Resale - MWh	1,573,697	1,657,155	1,795,297	1,816,121	20,436,308	Line 8 Minus Line 9	10
11	Transmission Level Adjustment Factor from (TO3-Cycle 6)	1.04062	1.04062	1.04062	1.04062		See Transmission Level Adjustment WP; Ln 72	11
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		MWh Conversion Factor	12
13	Total Forecast Sales Net of Resale - kWh	1,637,617,729	1,724,466,262	1,868,219,452	1,889,888,710	21,266,399,725	Line 10 x Line 11 x Line 12	13
14								14
15	Cyclical Period Filing (Rate Effective Period)	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6			15
16	Amortization of TO3-Cycle 6 True-Up Adjustment: ²	May-13	Jun-13	Jul-13	Aug-13	Total	Amortization Period 9/1/2012 - 8/31/2013	16
17	True-Up Adjustment Amount - Beginning Balance	\$ 2,127,174	\$ 1,639,368	\$ 1,178,961	\$ 573,525		Beginning Balance of Monthly TU Adjustment	17
18	Recorded Net Sales @Transmission Level - MWH	1,626,020	1,534,690	2,018,121	1,752,135		See Recorded Sales Work Paper	18
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		Conversion Factor	19
20	Recorded Net Sales @ Transmission Level - KWH	1,626,020,364	1,534,689,750	2,018,120,583	1,752,135,325	21,018,650,756	Line 18 x Line 19	20
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ -		Amortization Rate from Line 4 Above; Col (a)	21
22	Monthly True-Up Adjustment Amortization Amount ³	\$ 487,806	\$ 460,407	\$ 605,436	\$ 573,525	\$ 6,353,481	Line 20 x Line 21	22
23	True-Up Adjusment Amount - Ending Balance	\$ 1,639,368	\$ 1,178,961	\$ 573,525	\$ -		Line 17 Minus Line 22	23
24								24
	NOTES:							
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.							
2	On lines 15 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the True-Up Adjustment over the rate effective September 2012 through August 2013.							
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2013, which is the end of the TO3 FINAL True-Up Adjustment period.							

San Diego Gas & Electric Company

Section 3.1.1.2

Amortization of TO3 Cycle 5 True-Up
Adjustment Excluded from Recorded
Revenues to Derive the Adjusted
Recorded Retail Revenues at
Transmission Level.

Docket No. ER15-____-____

Section 3.1.1.2
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 5 - (Part II)

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Derivation of Amortization Rates:						Final TU Adj.	YTD Amortized Am	TU Adj. Bal.
2	TO3-Cycle 5 TU Adjustment (Offer of Settlement & Settlement)	\$ 37,346,547					\$ 30,639,427	\$ 20,831,318	\$ 9,808,109
3	TO3-Cycle 5 Forecast Sales @ Transmission Level (kWh)	21,539,406,508							8,348,675,977
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.00173							\$ 0.00117
5									
6		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
7	Derivation of Forecast Sales @ Transmission Level: ¹	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
8	TO3-Cycle 5 Filing - MWh (Statement BD)	1,946,695	1,712,997	1,667,110	1,718,629	1,770,104	1,662,031	1,643,248	1,581,745
9	Exclude Sale for Resale	2	2	2	2	2	2	2	2
10	Total Forecast Sales Net of Resale - MWh	1,946,693	1,712,996	1,667,108	1,718,628	1,770,103	1,662,030	1,643,246	1,581,743
11	Transmission Level Adjustment Factor from (TO3-Cycle 5)	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
13	Total Forecast Sales Net of Resale - kWh	2,026,131,810	1,782,897,500	1,735,137,387	1,788,759,515	1,842,335,175	1,729,851,825	1,710,302,047	1,646,288,896
14		Amort. Part 1 of 2	Amort. Part 1 of 2	Amort. Part 1 of 2	Amort. Part 1 of 2	Amort. Part 1 of 2	Amort. Part 1 of 2	Amort. Part 1 of 2	Amort. Part 2 of 2
15	Cyclical Period Filing	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Final True-Up
16	Amortization of TO3-Cycle 5 True-Up Adjustment: ²	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
17	Beginning True-Up Adjustment Balance	\$ 37,346,547	\$ 33,995,615	\$ 31,058,537	\$ 28,243,515	\$ 25,234,496	\$ 22,285,343	\$ 19,553,626	\$ 9,808,109
18	Recorded Sales Less Sale for Resale@Transmission Level	1,936,955	1,697,733	1,627,180	1,739,317	1,704,713	1,579,027	1,756,299	1,579,927
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
20	Recorded Sales in Total kWh @ Transmission Level	1,936,955,105	1,697,732,834	1,627,180,102	1,739,317,467	1,704,712,916	1,579,027,289	1,756,298,933	1,579,927,472
21	Amortization Rate Per kWh @ Transmission Level.	\$ 0.00173	\$ 0.00173	\$ 0.00173	\$ 0.00173	\$ 0.00173	\$ 0.00173	\$ 0.00173	\$ 0.00117
22	TO3-Cycle 5 True-Up Adjustment Amortization Amount ³	\$ 3,350,932	\$ 2,937,078	\$ 2,815,022	\$ 3,009,019	\$ 2,949,153	\$ 2,731,717	\$ 3,038,397	\$ 1,856,115
23	Ending TO3-Cycle 5 True-Up Adjustment Balance	\$ 33,995,615	\$ 31,058,537	\$ 28,243,515	\$ 25,234,496	\$ 22,285,343	\$ 19,553,626	\$ 16,515,229	\$ 7,951,994
24									
	NOTES:								
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.								
2	On lines 17 through 22, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective April 2012 through August 2012.								
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2012, which is the end of the Cycle 6 true-up adjustment period. Future monthly amortization amounts have not been shown since the amounts will be shown in the TO3, final true-up adjustment calculation.								

Section 3.1.1.2
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 5 - (Part II)

Line No.	Description	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:							1
2	TO3-Cycle 5 TU Adjustment (Offer of Settlement & Settlement						Col. (f) - Final TU Adj. from Compliance Filing 2.	2
3	TO3-Cycle 5 Forecast Sales @ Transmission Level (kWh)						See Line 13 Below	3
4	Amortization Rate Per kWh @ Transmission Level						Line 2 / Line 3	4
5								5
6		(i)	(j)	(k)	(l)	(m)		6
7	Derivation of Forecast Sales @ Transmission Level: ¹	May-12	Jun-12	Jul-12	Aug-12	Total	TO3-Cycle 5 (Rate Effective Period)	7
8	TO3-Cycle 5 Filing - MWh (Statement BD)	1,587,961	1,677,623	1,841,938	1,884,850	20,694,932	Statement BDWPs; Page 2.1; Col. (a)	8
9	Exclude Sale for Resale	2	2	2	2	19	Col. (b); Sale for Resale Forecast	9
10	Total Forecast Sales Net of Resale - MWh	1,587,959	1,677,622	1,841,936	1,884,849	20,694,913	Line 8 Minus Line 9	10
11	Transmission Level Adjustment Factor from (TO3-Cycle 5)	1.04081	1.04081	1.04081	1.04081		Statement BB; Page 1; Col.(B);Line 16	11
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		MWH Conversion Factor	12
13	Total Forecast Sales Net of Resale - kWh	1,652,758,901	1,746,080,315	1,917,099,801	1,961,763,336	21,539,406,508	Line 10 x Line 11 x Line 12	13
14		Amort. Part 2 of 2	Amort. Part 2 of 2	Amort. Part 2 of 2	Amort. Part 2 of 2			14
15	Cyclical Period Filing	Final True-Up	Final True-Up	Final True-Up	Final True-Up			15
16	Amortization of TO3-Cycle 5 True-Up Adjustment: ²	May-12	Jun-12	Jul-12	Aug-12	Total	Amortization Period 9/1/2011 - 8/31/2012	16
17	Beginning True-Up Adjustment Balance	\$ 7,951,994	\$ 6,100,863	\$ 4,126,124	\$ 2,142,556		Beginning Balance	17
18	Recorded Sales Less Sale for Resale@Transmission Level	1,575,685	1,680,901	1,688,415	1,823,747		Section 3.3.3; Page 16; Line 13; Apr.-Aug.	18
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		Conversion Factor	19
20	Recorded Sales in Total kWh @ Transmission Level	1,575,685,319	1,680,900,714	1,688,415,490	1,823,746,982	20,389,900,623	Line 18 x Line 19	20
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00117	\$ 0.00117	\$ 0.00117	\$ -		See Line 4 Above; Column (a)	21
22	TO3-Cycle 5 True-Up Adjustment Amortization Amount ³	\$ 1,851,131	\$ 1,974,739	\$ 1,983,568	\$ 2,142,556	\$ 30,639,427	Line 20 x Line 21	22
23	Ending TO3-Cycle 5 True-Up Adjustment Balance	\$ 6,100,863	\$ 4,126,124	\$ 2,142,556	\$ -		Line 17 Minus Line 22	23
24								24
	NOTES:							
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.							
2	On lines 17 through 22, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective April 2012 through August 2012.							
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2012, which is the end of the Cycle 6 true-up adjustment period. Future monthly amortization amounts have not been shown since the amounts will be shown in the TO3, final true-up adjustment calculation.							

San Diego Gas & Electric Company

Section 3.1.1.3

Amortization of TO3 Cycle 5 Interest
True-Up Adjustment Excluded from
Recorded Revenues to Derive the
Adjusted Recorded Retail Revenues at
Transmission Level.

Docket No. ER15-_____-_____

Section 3.1.1.3
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization Schedule of TO3-Cycle 5 Interest True-Up Adjustment Filed in Cycle 6

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Derivation of Amortization Rates:								
2	C5 Interest TU Adjustment Filed in C6 Offer Settlement Filing	\$ 850,021							
3	TO3-Cycle 6 Forecast Sales @ Transmission Level (kWh)	21,266,399,725							
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.00004							
5									
6		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
7	Derivation of Forecast Sales @ Transmission Level: ¹	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
8	TO3-Cycle 6 Forecast Sales - MWh @ Meter Level	1,925,668	1,694,407	1,646,472	1,695,054	1,772,263	1,659,684	1,628,624	1,571,882
9	Less: Sale for Resale MWh Forecast	2	2	2	2	2	2	2	2
10	Total Forecast Sales Net of Resale - MWh	1,925,666	1,694,405	1,646,470	1,695,052	1,772,261	1,659,682	1,628,622	1,571,880
11	Transmission Level Adjustment Factor from (TO3-Cycle 6)	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
13	Total Forecast Sales Net of Resale - kWh	2,003,883,364	1,763,229,552	1,713,346,700	1,763,902,548	1,844,247,908	1,727,096,040	1,694,773,913	1,635,727,549
14									
15	Cyclical Period Filing (Rate Effective Period)	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6
16	Amortization of TO3-Cycle 5 Interest TU Adjustment: ²	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
17	Interest TU Adjustment Amount - Beginning Balance	\$ 850,021	\$ 766,064	\$ 689,034	\$ 622,334	\$ 551,851	\$ 480,981	\$ 412,127	\$ 349,504
18	Recorded Net Sales @Transmission Level - MWh	2,098,932	1,925,740	1,667,502	1,762,071	1,771,753	1,721,352	1,565,579	1,574,757
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
20	Recorded Net Sales @ Transmission Level - KWH	2,098,932,136	1,925,740,061	1,667,501,875	1,762,070,527	1,771,752,975	1,721,351,918	1,565,578,571	1,574,756,670
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004
22	Monthly Interest True-Up Adjustment Amortization Amt ³	\$ 83,957	\$ 77,030	\$ 66,700	\$ 70,483	\$ 70,870	\$ 68,854	\$ 62,623	\$ 62,990
23	Interest TU Adjustment Amount - Ending Balance	\$ 766,064	\$ 689,034	\$ 622,334	\$ 551,851	\$ 480,981	\$ 412,127	\$ 349,504	\$ 286,514
24									
	NOTES:								
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.								
2	On lines 15 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2012 through August 2013.								
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2013, which is the end of the TO3 FINAL True-Up Adjustment period.								

Section 3.1.1.3
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization Schedule of TO3-Cycle 5 Interest True-Up Adjustment Filed in Cycle 6

Line No.	Description	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:						TO3-Cycle 6	1
2	C5 Interest TU Adjustment Filed in C6 Offer Settlement Filing						From Cycle 6 Offer of Settlement Filing	2
3	TO3-Cycle 6 Forecast Sales @ Transmission Level (kWh)						See Line 13 Below	3
4	Amortization Rate Per kWh @ <i>Transmission Level</i>						Line 2 / Line 3	4
5								5
6		(i)	(j)	(k)	(l)	(m)		6
7	Derivation of Forecast Sales @ Transmission Level: ¹	May-13	Jun-13	Jul-13	Aug-13	Total	TO3-Cycle 6 (Rate Effective Period)	7
8	TO3-Cycle 6 Forecast Sales - MWh @ Meter Level	1,573,699	1,657,157	1,795,299	1,816,123	20,436,332	See Related Work paper.	8
9	Less: Sale for Resale MWh Forecast	2	2	2	2	23	See Related Work paper.	9
10	Total Forecast Sales Net of Resale - MWh	1,573,697	1,657,155	1,795,297	1,816,121	20,436,308	Line 8 Minus Line 9	10
11	Transmission Level Adjustment Factor from (TO3-Cycle 6)	1.04062	1.04062	1.04062	1.04062		See Transmission Level Adjustment WP; Ln 72	11
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		MWh Conversion Factor	12
13	Total Forecast Sales Net of Resale - kWh	1,637,617,729	1,724,466,262	1,868,219,452	1,889,888,710	21,266,399,725	Line 10 x Line 11 x Line 12	13
14								14
15	Cyclical Period Filing (Rate Effective Period)	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6			15
16	Amortization of TO3-Cycle 5 Interest TU Adjustment: ²	May-13	Jun-13	Jul-13	Aug-13	Total	Amortization Period 9/1/2012 - 8/31/2013	16
17	Interest TU Adjustment Amount - Beginning Balance	\$ 286,514	\$ 221,473	\$ 160,085	\$ 79,360		Beginning Balance	17
18	Recorded Net Sales @ <i>Transmission Level - MWH</i>	1,626,020	1,534,690	2,018,121	1,752,135		See Recorded Sales Work Paper	18
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		Conversion Factor	19
20	Recorded Net Sales @ <i>Transmission Level - KWH</i>	1,626,020,364	1,534,689,750	2,018,120,583	1,752,135,325	21,018,650,756	Line 18 x Line 19	20
21	Amortization Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00004	\$ 0.00004	\$ 0.00004	\$ 0.00004		Amortization Rate from Line 4 Above; Col (a)	21
22	Monthly Interest True-Up Adjustment Amortization Amt ³	\$ 65,041	\$ 61,388	\$ 80,725	\$ 79,360	\$ 850,021	Line 20 x Line 21	22
23	Interest TU Adjustment Amount - Ending Balance	\$ 221,473	\$ 160,085	\$ 79,360	\$ -		Line 17 Minus Line 22	23
24								24
	NOTES:							
	¹ The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.							
	² On lines 15 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2012 through August 2013.							
	³ The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2013, which is the end of the TO3 FINAL True-Up Adjustment period.							

San Diego Gas & Electric Company

Section 3.1.1.4

Amortization of TO3 Cycle 4 Interest
True-Up Adjustment Excluded from
Recorded Revenues to Derive the
Adjusted Recorded Retail Revenues at
Transmission Level.

Docket No. ER15-____-____

Section 3.1.1.4
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 4 Interest True-Up Adjustment - PART II; Filed in TO3 Cycle 5
April 2012 - August 2012

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Derivation of Amortization Rates:								
2	TO3-Cycle 4 Interest True-Up Adjustment from Cycle 5	\$ 734,503							
3	TO3-Cycle 5 Forecast Sales @ Transmission Level (kWh)	21,539,406,508							
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.0000300							
5									
6		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
7	Derivation of Forecast Sales @ Transmission Level: ¹	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
8	Total Per TO3-Cycle 5 Filing - MWh (Statement BD)	1,946,695	1,712,997	1,667,110	1,718,629	1,770,104	1,662,031	1,643,248	1,581,745
9	Exclude Sale for Resale	2	2	2	2	2	2	2	2
10	Total Forecast Sales Net of Resale - MWh	1,946,693	1,712,996	1,667,108	1,718,628	1,770,103	1,662,030	1,643,246	1,581,743
11	Transmission Level Adjustment Factor from (TO3-Cycle 5)	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
13	Total Forecast Sales Net of Resale - kWh	2,026,131,810	1,782,897,500	1,735,137,387	1,788,759,515	1,842,335,175	1,729,851,825	1,710,302,047	1,646,288,896
14		Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 2
15	Cyclical Period Filing	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Final True-Up
16	Amortization of Cycle 4 Interest TU Adjustment: ²	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
17	Beginning True-Up Adjustment Balance	\$ 734,503	\$ 676,394	\$ 625,462	\$ 576,647	\$ 524,467	\$ 473,326	\$ 425,955	\$ 373,266
18	Recorded Sales Less Sale for Resale@Transmission Level	1,936,955	1,697,733	1,627,180	1,739,317	1,704,713	1,579,027	1,756,299	1,517,940
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
20	Recorded Sales in Total kWh @ Transmission Level	1,936,955,105	1,697,732,834	1,627,180,102	1,739,317,467	1,704,712,916	1,579,027,289	1,756,298,933	1,517,939,799
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300
22	Amortization of TO3-Cycle 4 Interest TU Adjustment ³	\$ 58,109	\$ 50,932	\$ 48,815	\$ 52,180	\$ 51,141	\$ 47,371	\$ 52,689	\$ 45,538
23	Ending TO3-Cycle 4 Interest TU Adjustment Balance	\$ 676,394	\$ 625,462	\$ 576,647	\$ 524,467	\$ 473,326	\$ 425,955	\$ 373,266	\$ 327,728
24									
	NOTES:								
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.								
2	On lines 15 through 23, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2011 through August 2012.								
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2012, which is the end of the Cycle 5 true-up adjustment period.								

Section 3.1.1.4
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 4 Interest True-Up Adjustment - PART II; Filed in TO3 Cycle 5
April 2012 - August 2012

Line No.	Description	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:						TO3-Cycle 5	1
2	TO3-Cycle 4 Interest True-Up Adjustment from Cycle 5						See Related Workpaper	2
3	TO3-Cycle 5 Forecast Sales @ Transmission Level (kWh)						See Line 13 Below	3
4	Amortization Rate Per kWh @ <i>Transmission Level</i>						Line 2 / Line 3	4
5								5
6		(i)	(j)	(k)	(l)	(m)		6
7	Derivation of Forecast Sales @ Transmission Level: ¹	May-12	Jun-12	Jul-12	Aug-12	Total	TO3-Cycle 5 (Rate Effective Period)	7
8	Total Per TO3-Cycle 5 Filing - MWh (Statement BD)	1,587,961	1,677,623	1,841,938	1,884,850	20,694,932	Statement BDWPs; Page 2.1; Col. (a)	8
9	Exclude Sale for Resale	2	2	2	2	19	Col. (b); Sale for Resale Forecast	9
10	Total Forecast Sales Net of Resale - MWh	1,587,959	1,677,622	1,841,936	1,884,849	20,694,913	Line 8 Minus Line 9	10
11	Transmission Level Adjustment Factor from (TO3-Cycle 5)	1.04081	1.04081	1.04081	1.04081		Statement BB; Page 1; Col.(B);Line 16	11
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		MWH Conversion Factor	12
13	Total Forecast Sales Net of Resale - kWh	1,652,758,901	1,746,080,315	1,917,099,801	1,961,763,336	21,539,406,508	Line 10 x Line 11 x Line 12	13
14		Amortization Part 2	Amortization Part 2	Amortization Part 2	Amortization Part 2			14
15	Cyclical Period Filing	Final True-Up	Final True-Up	Final True-Up	Final True-Up			15
16	Amortization of Cycle 4 Interest TU Adjustment: ²	May-12	Jun-12	Jul-12	Aug-12	Total	Amortization Period 9/1/2011 - 8/31/2012	16
17	Beginning True-Up Adjustment Balance	\$ 327,728	\$ 282,305	\$ 233,841	\$ 185,173		Beginning Balance	17
18	Recorded Sales Less Sale for Resale@ <i>Transmission Level</i>	1,514,104	1,615,463	1,622,263	1,752,030		Section 3.3.3; Page 16; Line 28; Apr-Aug.	18
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		Conversion Factor	19
20	Recorded Sales in Total kWh @ <i>Transmission Level</i>	1,514,103,780	1,615,463,206	1,622,263,316	1,752,030,242	20,063,024,989	Line 18 x Line 19	20
21	Amortization Rate Per kWh @ <i>Transmission Level</i>	\$ 0.0000300	\$ 0.0000300	\$ 0.0000300	\$ -		See Line 4 Above; Column (a)	21
22	Amortization of TO3-Cycle 4 Interest TU Adjustment ³	\$ 45,423	\$ 48,464	\$ 48,668	\$ 185,173	\$ 734,503	Line 20 x Line 21	22
23	Ending TO3-Cycle 4 Interest TU Adjustment Balance	\$ 282,305	\$ 233,841	\$ 185,173	\$ -		Line 17 Minus Line 22	23
24								24
	NOTES:							
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.							
2	On lines 15 through 23, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2011 through August 2012.							
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2012, which is the end of the Cycle 5 true-up adjustment period.							

San Diego Gas & Electric Company

Section 3.1.1.5

Amortization of TO3 Cycle 4 Interest
True-Up Adjustment Excluded from
Recorded Revenues to Derive the
Adjusted Recorded Retail Revenues at
Transmission Level.

Docket No. ER15-____-____

Section 3.1.1.5
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 4 Interest True-Up Adjustment

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Derivation of Amortization Rates:								
2	C4 Interest TU Adjustment Filed in C6 Offer Settlement Filing	\$ 87,097							
3	TO3-Cycle 6 Forecast Sales @ Transmission Level (kWh)	21,266,399,725							
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.00000410							
5									
6		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
7	Derivation of Forecast Sales @ Transmission Level: ¹	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
8	TO3-Cycle 6 Forecast Sales - MWH @ Meter Level	1,925,668	1,694,407	1,646,472	1,695,054	1,772,263	1,659,684	1,628,624	1,571,882
9	Less: Sale for Resale MWH Forecast	2	2	2	2	2	2	2	2
10	Total Forecast Sales Net of Resale - MWh	1,925,666	1,694,405	1,646,470	1,695,052	1,772,261	1,659,682	1,628,622	1,571,880
11	Transmission Level Adjustment Factor from (TO3-Cycle 6)	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062	1.04062
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
13	Total Forecast Sales Net of Resale - kWh	2,003,883,364	1,763,229,552	1,713,346,700	1,763,902,548	1,844,247,908	1,727,096,040	1,694,773,913	1,635,727,549
14									
15	Cyclical Period Filing	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6
16	Amortization of TO3-Cycle 4 Interest TU Adjustment: ²	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
17	Interest TU Adjustment Amount - Beginning Balance	\$ 87,097	\$ 78,491	\$ 70,595	\$ 63,758	\$ 56,534	\$ 49,270	\$ 42,212	\$ 35,793
18	Recorded Net Sales @ Transmission Level - MWH	2,098,932	1,925,740	1,667,502	1,762,071	1,771,753	1,721,352	1,565,579	1,574,757
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
20	Recorded Net Sales @ Transmission Level - KWH	2,098,932,136	1,925,740,061	1,667,501,875	1,762,070,527	1,771,752,975	1,721,351,918	1,565,578,571	1,574,756,670
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410
22	Monthly Interest True-Up Adjustment Amortization Amt ³	\$ 8,606	\$ 7,896	\$ 6,837	\$ 7,224	\$ 7,264	\$ 7,058	\$ 6,419	\$ 6,457
23	Interest TU Adjustment Amount - Ending Balance	\$ 78,491	\$ 70,595	\$ 63,758	\$ 56,534	\$ 49,270	\$ 42,212	\$ 35,793	\$ 29,336
24									
	NOTES:								
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.								
2	On lines 15 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2012 through August 2013.								
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2013, which is the end of the TO3 FINAL True-Up Adjustment period.								

Section 3.1.1.5
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 4 Interest True-Up Adjustment

Line No.	Description	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:						TO3-Cycle 6	1
2	C4 Interest TU Adjustment Filed in C6 Offer Settlement Filing						See Related Work paper.	2
3	TO3-Cycle 6 Forecast Sales @ Transmission Level (kWh)						See Line 13 Below	3
4	Amortization Rate Per kWh @ <i>Transmission Level</i>						Line 2 / Line 3	4
5								5
6		(i)	(j)	(k)	(l)	(m)		6
7	Derivation of Forecast Sales @ Transmission Level: ¹	May-13	Jun-13	Jul-13	Aug-13	Total	TO3-Cycle 6 (Rate Effective Period)	7
8	TO3-Cycle 6 Forecast Sales - MWH @ Meter Level	1,573,699	1,657,157	1,795,299	1,816,123	20,436,332	See Related Work paper.	8
9	Less: Sale for Resale MWH Forecast	2	2	2	2	23	See Related Work paper.	9
10	Total Forecast Sales Net of Resale - MWh	1,573,697	1,657,155	1,795,297	1,816,121	20,436,308	Line 8 Minus Line 9	10
11	Transmission Level Adjustment Factor from (TO3-Cycle 6)	1.04062	1.04062	1.04062	1.04062		See Transmission Level Adjustment WP; Ln 72	11
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		MWH Conversion Factor	12
13	Total Forecast Sales Net of Resale - kWh	1,637,617,729	1,724,466,262	1,868,219,452	1,889,888,710	21,266,399,725	Line 10 x Line 11 x Line-12	13
14								14
15	Cyclical Period Filing	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6			15
16	Amortization of TO3-Cycle 4 Interest TU Adjustment: ²	May-13	Jun-13	Jul-13	Aug-13	Total	Amortization Period 9/11 - 8/12	16
17	Interest TU Adjustment Amount - Beginning Balance	\$ 29,336	\$ 22,669	\$ 16,377	\$ 8,103		Beginning Balance	17
18	Recorded Net Sales @ <i>Transmission Level - MWH</i>	1,626,020	1,534,690	2,018,121	1,752,135		See Recorded Sales Work paper	18
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		Conversion Factor	19
20	Recorded Net Sales @ <i>Transmission Level - KWH</i>	1,626,020,364	1,534,689,750	2,018,120,583	1,752,135,325	21,018,650,756	Line 18 x Line 19	20
21	Amortization Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00000410	\$ 0.00000410	\$ 0.00000410	\$ -		Amortization Rate from Line 4 Above; Col (a)	21
22	Monthly Interest True-Up Adjustment Amortization Amt ³	\$ 6,667	\$ 6,292	\$ 8,274	\$ 8,103	\$ 87,097	Line 20 x Line 21	22
23	Interest TU Adjustment Amount - Ending Balance	\$ 22,669	\$ 16,377	\$ 8,103	\$ -		Line 17 Minus Line 22	23
24								24
	NOTES:							
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.							
2	On lines 15 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2012 through August 2013.							
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2013, which is the end of the TO3 FINAL True-Up Adjustment period.							

San Diego Gas & Electric Company

Section 3.1.1.6

Amortization of TO3 Cycle 3 Interest
True-Up Adjustment Excluded from
Recorded Revenues to Derive the
Adjusted Recorded Retail Revenues at
Transmission Level.

Docket No. ER15-____-____

Section 3.1.1.6
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 3 Interest True-Up Adjustment (Part II) Filed in Cycle 5
September 2011 - August 2012

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Derivation of Amortization Rates:								
2	Cycle 3-Part II Interest True-Up Adjustment from Cycle 5	\$ 19,858							
3	TO3-Cycle 5 Forecast Sales @ Transmission Level (kWh)	21,539,406,508							
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.0000009							
5									
6		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
7	Derivation of Forecast Sales @ Transmission Level: ¹	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
8	Total Per TO3-Cycle 5 Filing - MWh (Statement BD)	1,946,695	1,712,997	1,667,110	1,718,629	1,770,104	1,662,031	1,643,248	1,581,745
9	Exclude Sale for Resale	2	2	2	2	2	2	2	2
10	Total Forecast Sales Net of Resale - MWh	1,946,693	1,712,996	1,667,108	1,718,628	1,770,103	1,662,030	1,643,246	1,581,743
11	Transmission Level Adjustment Factor from (TO3-Cycle 5)	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081	1.04081
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
13	Total Forecast Sales Net of Resale - kWh	2,026,131,810	1,782,897,500	1,735,137,387	1,788,759,515	1,842,335,175	1,729,851,825	1,710,302,047	1,646,288,896
14		Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 1	Amortization Part 2
15	Cyclical Period Filing	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Final True-Up
16	Amortization of Cycle 3 Part II Interest TU Adjustment: ²	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
17	Beginning True-Up Adjustment Balance	\$ 19,858	\$ 18,115	\$ 16,587	\$ 15,123	\$ 13,558	\$ 12,024	\$ 10,603	\$ 9,022
18	Recorded Sales Less Sale for Resale@Transmission Level	1,936,955	1,697,733	1,627,180	1,739,317	1,704,713	1,579,027	1,756,299	1,517,940
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
20	Recorded Sales in Total kWh @ Transmission Level	1,936,955,105	1,697,732,834	1,627,180,102	1,739,317,467	1,704,712,916	1,579,027,289	1,756,298,933	1,517,939,799
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009
22	Amortization of TO3-Cycle 4 Interest TU Adjustment ³	\$ 1,743	\$ 1,528	\$ 1,464	\$ 1,565	\$ 1,534	\$ 1,421	\$ 1,581	\$ 1,366
23	Ending TO3-Cycle 4 Interest TU Adjustment Balance	\$ 18,115	\$ 16,587	\$ 15,123	\$ 13,558	\$ 12,024	\$ 10,603	\$ 9,022	\$ 7,656
24									
	NOTES:								
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.								
2	On lines 16 through 23, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2011 through August 2012.								
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2012, which is the end of the Cycle 6 true-up adjustment period.								

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Section 3.1.1.6
SAN DIEGO GAS ELECTRIC
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Amortization of TO3-Cycle 3 Interest True-Up Adjustment (Part II) Filed in Cycle 5
September 2011 - August 2012

Line No.	Description	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:						TO3-Cycle 5	1
2	Cycle 3-Part II Interest True-Up Adjustment from Cycle 5						See Related Work papers.	2
3	TO3-Cycle 5 Forecast Sales @ Transmission Level (kWh)						See Line 13 Below	3
4	Amortization Rate Per kWh @ <i>Transmission Level</i>						Line 2 / Line 3	4
5								5
6		(i)	(j)	(k)	(l)	(m)		6
7	Derivation of Forecast Sales @ Transmission Level: ¹	May-12	Jun-12	Jul-12	Aug-12	Total	TO3-Cycle 5 (Rate Effective Period)	7
8	Total Per TO3-Cycle 5 Filing - MWh (Statement BD)	1,587,961	1,677,623	1,841,938	1,884,850	20,694,932	Statement BDWPs; Page 2.1; Col. (a)	8
9	Exclude Sale for Resale	2	2	2	2	19	Col. (b); Sale for Resale Forecast	9
10	Total Forecast Sales Net of Resale - MWh	1,587,959	1,677,622	1,841,936	1,884,849	20,694,913	Line 8 Minus Line 9	10
11	Transmission Level Adjustment Factor from (TO3-Cycle 5)	1.04081	1.04081	1.04081	1.04081		Statement BB; Page 1; Col.(B);Line 16	11
12	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		MWH Conversion Factor	12
13	Total Forecast Sales Net of Resale - kWh	1,652,758,901	1,746,080,315	1,917,099,801	1,961,763,336	21,539,406,508	Line 10 x Line 11 x Line 12	13
14		Amortization Part 2	Amortization Part 2	Amortization Part 2	Amortization Part 2			14
15	Cyclical Period Filing	Final True-Up	Final True-Up	Final True-Up	Final True-Up			15
16	Amortization of Cycle 3 Part II Interest TU Adjustment: ²	May-12	Jun-12	Jul-12	Aug-12	Total	Amortization Period 9/1/2011 - 8/31/2012	16
17	Beginning True-Up Adjustment Balance	\$ 7,656	\$ 6,293	\$ 4,839	\$ 3,379		Beginning Balance	17
18	Recorded Sales Less Sale for Resale@ <i>Transmission Level</i>	1,514,104	1,615,463	1,622,263	1,752,030		Section 3.3.3; Page 12.1; Line 28; Sep-Mar.	18
19	Conversion Factor from MWh to kWh	1,000	1,000	1,000	1,000		Conversion Factor	19
20	Recorded Sales in Total kWh @ <i>Transmission Level</i>	1,514,103,780	1,615,463,206	1,622,263,316	1,752,030,242	20,063,024,989	Line 18 x Line 19	20
21	Amortization Rate Per kWh @ <i>Transmission Level</i>	\$ 0.0000009	\$ 0.0000009	\$ 0.0000009	\$ -		See Line 4 Above; Column (a)	21
22	Amortization of TO3-Cycle 4 Interest TU Adjustment ³	\$ 1,363	\$ 1,454	\$ 1,460	\$ 3,379	\$ 19,858	Line 20 x Line 21	22
23	Ending TO3-Cycle 4 Interest TU Adjustment Balance	\$ 6,293	\$ 4,839	\$ 3,379	\$ -		Line 17 Minus Line 22	23
24								24
	NOTES:							
1	The derivation of forecast sales shown on lines 8 through 13 indicates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.							
2	On lines 16 through 23, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 20, to indicate the amortization of the true-up adjustment over the rate effective September 2011 through August 2012.							
3	The monthly true-up adjustment amortization amount shown on line 22 has been calculated through 8/31/2012, which is the end of the Cycle 6 true-up adjustment period.							

San Diego Gas & Electric Company

Section 3.2.1

Derivation of CAISO Cost of Service Rates in Effect for the First 5 Months of the Final TU Period Based on SDG&E's TO3-5th Cycle, Second Compliance Filing, CAISO Wholesale Cost of Service.

Docket No. ER15-____ - ____

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Allocation of CYCLE-5 Wholesale BTRR - 2nd Compliance Filing to Customer Classes

Based on TO3-CYCLE-5 12 CPs

(\$1,000)

		(a)	(b)	(c)	(d)	
			12 CP	Allocated Base		
			Allocation Percentages	Transmission		
Line		Total 12 CPs @	@ Transmission	Revenue		Line
No.	Customer Classes	Transmission Level ²	Level ³	Requirement	Reference	No.
1	Total Base Transmission Revenue Requirement ¹			\$ 404,443	TO3-Cycle 5; Docket No. ER11-4318-002	1
2					2nd Compliance Filing; 10/12/2012	2
3	<u>Allocation of BTRR Based on 12-CP:</u>				Statement BK2; Pg 8 of 8; Ln 15; Col. 1	3
4	Residential	15,742,820	39.46%	\$ 159,591	Col.C4 = Col (c) Ln1 x Col B. Ln 4	4
5	Small Commercial	4,848,321	12.15%	\$ 49,149	Col.C5 = Col (c) Ln1 x Col B. Ln 5	5
6	Medium & Large Commercial/Industrial	18,659,462	46.77%	\$ 189,158	Col.C6 = Col (c) Ln1 x Col B. Ln 6	6
7	Street Lighting Revenues	146,179	0.37%	\$ 1,482	Col.C7 = Col (c) Ln1 x Col B. Ln 7	7
8	Standby Revenues	499,375	1.25%	\$ 5,062	Col.C8 = Col (c) Ln1 x Col B. Ln 8	8
9						9
10	Total	39,896,158	100.00%	\$ 404,443	Sum Lines 4 thru 8	10
11						11
12	Total	39,896,158		\$ 404,443	Line 10	12

NOTES:

¹ Statement refers to SDG&E's TO3, Cycle 5, Cost Statements as derived by SDG&E in Docket No. ER11-4318-002, filed on October 2, 2012, the Order on Compliance Filing filed by SDG&E. See Statement BK-2; Page 8 of 8; Line 15 as attached work papers to support the \$404.443 million.

² See 12-CP cost allocation information work papers, which originally came from Cost Statement BB; Page 1; Column C; Docket No. ER11-4318 filed on 8/15/2011.

³ See 12-CP cost allocation information work papers, which originally came from Cost Statement BB; Page 1; Column C; Docket No. ER11-4318 filed on 8/15/2011.

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESAL E Rates Using TO3-CYCLE-5 Billing Determinants

Residential Customers ¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Residential - Allocated Transmission Revenue Requirements	\$ 159,591	Section 3.2.1; Page 1; Line 4	1
2				2
3	Billing Determinants - Residential Customer Class @ MWh:	7,816,536	Section 3.2.1; Page 16.1; Line 3	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 14; Col. B; Line 2	5
6				6
7	Billing Determinants @ Transmission Level	8,173,752	Line 3 x Line 5	7
8				8
9	Residential Energy Rate Per kWh	\$ 0.0195248328	Line 1 / Line 7	9
10				10
11	Residential Energy Rate Per kWh - Rounded	\$ 0.0195248328	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 159,591	Line 7 x Line 11	13
14				14
15	Difference	\$ 0.000	Line 1 - Line 13	15
	Notes:			
¹	Residential customers include the following California Public Utilities Commission (CPUC) tariffs: DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TV, D-SMF.			

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESAL E Rates Using TO3-CYCLE-5 Billing Determinants

Small Commercial Customers ¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 49,149	Section 3.2.1; Page 1; Line 5	1
2				2
3	Billing Determinants - Small Commercial @ MWh:	2,031,142	Section 3.2.1; Page 16.1; Line 7	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 14; Col. B; Line 3	5
6				6
7	Billing Determinants @ Transmission Level	2,123,966	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0231403620	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0231403620	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 49,149	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.000)	Line 1 - Line 13	15
	Notes:			
¹	Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs: A, A-TC, A-TOU, PA.			

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Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESALE Rates Using TO3-CYCLE-5 Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I - Demand Revenue Requirement:	\$ 189,158	Section 3.2.1; Page 1; Line 6	1
2	<i>Non-Coincident Demand Determinants @ Transmission Level Used</i>			2
3	<i>to Allocate Total Customer Class Revenues to Voltage Level:</i>			3
4	Secondary ²	23,593.18	Section 3.2.1; Page 14; Line 22; Col. C.	4
5	Primary ²	4,587.39	Section 3.2.1; Page 14; Line 23; Col. C.	5
6	Transmission ²	1,428.95	Section 3.2.1; Page 14; Line 24; Col. C.	6
7	Total	29,609.52	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level:</i>			9
10	Secondary	79.68105519%	Line 4 / Line 7	10
11	Primary	15.49295399%	Line 5 / Line 7	11
12	Transmission	4.82599082%	Line 6 / Line 7	12
13	Total	100.00000000%	Sum Lines 10; 11; 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level:			15
16	Secondary	\$ 150,723	Line 1 x Line 10	16
17	Primary	29,306	Line 1 x Line 11	17
18	Transmission	9,129	Line 1 x Line 12	18
19	Total	\$ 189,158	Sum Lines 16; 17; 18	19
20				20
21	Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:			21
22	Secondary	23,593.18	Section 3.2.1; Page 14; Line 22; Col. C.	22
23	Primary	4,587.39	Section 3.2.1; Page 14; Line 23; Col. C.	23
24	Transmission	1,428.95	Section 3.2.1; Page 14; Line 24; Col. C.	24
25	Total	29,609.52	Sum Lines 22; 23; 24	25
26				26
27	Non-Coincident Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 6.3884269550	Line 16 / Line 22	28
29	Primary	\$ 6.3884269546	Line 17 / Line 23	29
30	Transmission	\$ 6.3884269595	Line 18 / Line 24	30
31				31
32	Non-Coincident Demand Rate By Voltage Level @ Transmission Level:			32
33	Secondary	\$ 6.3884269550	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 6.3884269546	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 6.3884269595	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 150,723	Line 22 x Line 33	38
39	Primary	29,306	Line 23 x Line 34	39
40	Transmission	9,129	Line 24 x Line 35	40
41	Total	\$ 189,158	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.000)	Line 1 - Line 41	43

Notes:

¹ Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs:
AD, AY-TOU, AL-TOU, AL-TOU-CP, AL-TOU-DER, A6-TOU, PA-T-1.

² LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESale Rates Using TO3-CYCLE-5 Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	90% of Total M&L C&I NCD Rates ¹	90.00%		1
2	Secondary	\$ 5,749,584,2595	90% x Section 3.2.1; Page 4; Line 33	2
3	Primary	\$ 5,749,584,2591	90% x Section 3.2.1; Page 4; Line 34	3
4	Transmission	\$ 5,749,584,2636	90% x Section 3.2.1; Page 4; Line 35	4
5				5
6	90% of Total M&L C&I NCD Rates (Rounded)			6
7	Secondary	\$ 5,749,584,2595	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 5,749,584,2591	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 5,749,584,2636	Line 4, Rounded to 10 Decimal Places	9
10				10
11	Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand²			11
12	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			12
13	Secondary	22,546	Section 3.2.1; Page 15; Line 10; Col. D.	13
14	Primary	4,267	Section 3.2.1; Page 15; Line 11; Col. D.	14
15	Transmission	290	Section 3.2.1; Page 15; Line 12; Col. D.	15
16	Total	27,103	Sum Lines 12; 13; 14	16
17				17
18	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			18
19	Secondary	\$ 144,034	Section 3.2.1; Page 4; Line 33 x Line 13	19
20	Primary	\$ 27,258	Section 3.2.1; Page 4; Line 34 x Line 14	20
21	Transmission	\$ 1,854	Section 3.2.1; Page 4; Line 35 x Line 15	21
22	Total	\$ 173,146	Sum Lines 19; 20; 21	22
23				23
24	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			24
25	Secondary	\$ 129,630	Line 7 x Line 13	25
26	Primary	\$ 24,532	Line 8 x Line 14	26
27	Transmission	\$ 1,669	Line 9 x Line 15	27
28	Total	\$ 155,831	Sum Lines 25; 26; 27	28
29				29
30	Revenue Reallocation to Maximum On-Peak Period Demands			30
31	Secondary	\$ 14,403	Line 19 - Line 25	31
32	Primary	\$ 2,726	Line 20 - Line 26	32
33	Transmission	\$ 185	Line 21 - Line 27	33
34	Total	\$ 17,315	Sum Lines 31; 32; 33	34
35				35
36	Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak³			36
37	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			37
38	Secondary	-	Section 3.2.1; Page 15; Col. D; Line 17	38
39	Primary	177	Section 3.2.1; Page 15; Col. D; Line 18	39
40	Transmission	1,139	Section 3.2.1; Page 15; Col. D; Line 19	40
41	Total	1,316	Sum Lines 18; 19; 20	41
42				42
43	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			43
44	Secondary	\$ -	Line 38 x Section 3.2.1; Page 4; Line 33	44
45	Primary	\$ 1,133	Line 39 x Section 3.2.1; Page 4; Line 34	45
46	Transmission	\$ 7,274	Line 40 x Section 3.2.1; Page 4; Line 35	46
47	Total	\$ 8,407	Sum Lines 44; 45; 46	47
48				48
49	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			49
50	Secondary	\$ -	Line 7 x Line 38	50
51	Primary	\$ 1,020	Line 8 x Line 39	51
52	Transmission	\$ 6,547	Line 9 x Line 40	52
53	Total	\$ 7,566	Sum Lines 50; 51; 52	53
54				54
55	Revenue Reallocation to Maximum Demand at the Time of System Peak			55
56	Secondary	\$ -	Line 44 - Line 50	56
57	Primary	\$ 113	Line 45 - Line 51	57
58	Transmission	\$ 727	Line 46 - Line 52	58
59	Total	\$ 841	Sum Lines 56; 57; 58	59
	NOTES:			
	¹ 90% NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R, A6-TOU			
	² 90% NCD Rates and Maximum On-Peak Period Demand charges are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R			
	³ 90% NCD Rates and Maximum Demand at Time of System Peak charges are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU			

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3-CYCLE-5 WHOLESALe Rates Using TO3-CYCLE-5 Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I Maximum On-Peak Period Demand Proposal			1
2	Revenue Reallocation to Maximum On-Peak Period Demands ¹	\$ 17,315	Section 3.2.1; Page 5; Line 34	2
3				3
4	Summer Maximum On-Peak Period Demands By Voltage Level @ <i>Meter Level</i> (MW) ²			4
5	Secondary	8,629	Section 3.2.1; Page 15; Col. B; Line 30	5
6	Primary	1,862	Section 3.2.1; Page 15; Col. B; Line 31	6
7	Transmission	222	Section 3.2.1; Page 15; Col. B; Line 32	7
8	Total	10,713	Sum Lines 5; 6; 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ <i>Transmission Level</i> (MW)			10
11	Secondary	9,023	Section 3.2.1; Page 15; Col. D; Line 30	11
12	Primary	1,882	Section 3.2.1; Page 15; Col. D; Line 31	12
13	Transmission	222	Section 3.2.1; Page 15; Col. D; Line 32	13
14	Total	11,128	Sum Lines 11; 12; 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	81.09%	Line 11 / Line 14	17
18	Primary	16.91%	Line 12 / Line 14	18
19	Transmission	2.00%	Line 13 / Line 14	19
20	Total	100.00%	Sum Lines 17; 18; 19	20
21	Share of Total Revenue Allocation to Summer Peak Period	80.00%		21
22	Revenues for Proposed Summer Maximum On-Peak Period Demand Rates	\$ 13,852	Line 2 x Line 21	22
23	Secondary	\$ 11,232	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 2,342	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 277	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 13,852	Sum Lines 23; 24; 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates ³	\$/kW		28
29	Secondary	\$ 1,244,808,682	Line 23 / Line 11	29
30	Primary	\$ 1,244,808,682	Line 24 / Line 12	30
31	Transmission	\$ 1,244,808,682	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 1,244,808,682	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1,244,808,682	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1,244,808,682	Line 31, Rounded to 10 Decimal Places	37
38				38
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁴ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁵ Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3-CYCLE-5 WHOLESALE Rates Using TO3-CYCLE-5 Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Winter Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) ⁴			1
2	Secondary	9,890	Section 3.2.1; Page 15; Col. B; Line 35.	2
3	Primary	2,143	Section 3.2.1; Page 15; Col. B; Line 36.	3
4	Transmission	292	Section 3.2.1; Page 15; Col. B; Line 37.	4
5	Total	12,326	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ TRANSMISSION Level (MW)			7
8	Secondary	10,342	Section 3.2.1; Page 15; Col. D; Line 35.	8
9	Primary	2,167	Section 3.2.1; Page 15; Col. D; Line 36.	9
10	Transmission	292	Section 3.2.1; Page 15; Col. D; Line 37.	10
11	Total	12,801	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	80.79%	Line 8 / Line 11	14
15	Primary	16.92%	Line 9 / Line 11	15
16	Transmission	2.28%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14; 15; 16	17
18	Share of Total Revenue Allocation to Winter Peak Period	20.00%		18
19	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates	\$ 3,463	(Section 3.2.1; Page 6; Line 2) x Line 18	19
20	Secondary	\$ 2,798	(Section 3.2.1; Page 6; Line 2 x Line 18) x Line 14	20
21	Primary	\$ 586	(Section 3.2.1; Page 6; Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 79	(Section 3.2.1; Page 6; Line 2 x Line 18) x Line 16	22
23	Total	\$ 3,463	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates ⁵	\$/kW		25
26	Secondary	\$ 0.2705210620	Line 20 / Line 8	26
27	Primary	\$ 0.2705210620	Line 21 / Line 9	27
28	Transmission	\$ 0.2705210620	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.2705210620	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.2705210620	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.2705210620	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 14,030	(Section 3.2.1; Page 6; Line 11 x Line 35) + (Section 3.2.1; Page 7; Line 8 x Line 32)	38
39	Primary	\$ 2,928	(Section 3.3.1; Page 6; Line 12 x Line 36) + (Section 3.2.1; Page 7; Line 9 x Line 33)	39
40	Transmission	\$ 356	(Section 3.3.1; Page 6; Line 13 x Line 37) + (Section 3.2.1; Page 7; Line 10 x Line 34)	40
41	Total	\$ 17,315	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.000)	Section 3.2.1; Page 6; Line 2 Minus Page 7; Line 41	43
44				44
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁴ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁵ Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESALE Rates Using TO3-CYCLE-5 Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I Maximum Demand at the Time of System Peak Proposal			1
2	Revenue Reallocation to Maximum Demand at the Time of System Peak ¹	\$ 841	Section 3.2.1; Page 5; Line 59	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) ²			4
5	Secondary	-	Section 3.2.1; Page 15; Col. B; Line 42	5
6	Primary	66	Section 3.2.1; Page 15; Col. B; Line 43	6
7	Transmission	403	Section 3.2.1; Page 15; Col. B; Line 44	7
8	Total	469	Sum Lines 5; 6; and 7	8
9				9
10	Summer Maximum Demand at the Time of System Peak @ TRANSMISSION Level (MW)			10
11	Secondary	-	Section 3.2.1; Page 15; Col. D; Line 42	11
12	Primary	67	Section 3.2.1; Page 15; Col. D; Line 43	12
13	Transmission	403	Section 3.2.1; Page 15; Col. D; Line 44	13
14	Total	470	Sum Lines 11; 12; and 13	14
15				15
16	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			16
17	Secondary	0.00%	Line 11 / Line 14	17
18	Primary	14.27%	Line 12 / Line 14	18
19	Transmission	85.73%	Line 13 / Line 14	19
20	Total	100.00%	Sum Lines 17; 18; and 19	20
21	Share of Total Revenue Allocation to Summer Maximum Demand at the Time of System Peak	80.00%		21
22	Revenues for Proposed Summer Maximum Demand at the Time of System Peak Rates	\$ 673	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 96	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 577	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 673	Sum Lines 23; 24; and 25	26
27				27
28	Summer Maximum Demand at the Time of System Peak Rates ³	\$/kW		28
29	Secondary	\$ -	Line 23 / Line 11	29
30	Primary	\$ 1.4321120761	Line 24 / Line 12	30
31	Transmission	\$ 1.4321120761	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		34
35	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1.4321120761	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1.4321120761	Line 31, Rounded to 10 Decimal Places	37
38				38

NOTES:

¹ Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

² Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

³ Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

⁴ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

⁵ Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3-CYCLE-5 WHOLESALE Rates Using TO3-CYCLE-5 Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Winter Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) ⁴			1
2	Secondary	-	Section 3.2.1; Page 15; Col. B; Line 47	2
3	Primary	80	Section 3.2.1; Page 15; Col. B; Line 48	3
4	Transmission	514	Section 3.2.1; Page 15; Col. B; Line 49	4
5	Total	594	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum Demand at the Time of System Peak @ Transmission Level (MW)			7
8	Secondary	-	Section 3.2.1; Page 15; Col. D; Line 47	8
9	Primary	81	Section 3.2.1; Page 15; Col. D; Line 48	9
10	Transmission	514	Section 3.2.1; Page 15; Col. D; Line 49	10
11	Total	595	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			13
14	Secondary	0.00%	Line 8 / Line 11	14
15	Primary	13.58%	Line 9 / Line 11	15
16	Transmission	86.42%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14; 15; 16	17
18	Share of Total Revenue Allocation to Winter Maximum Demand at the Time of System Peak	20.00%		18
19	Revenues for Proposed Winter Maximum Demand at the Time of System Peak Rates	\$ 168	Section 3.2.1; Page 8; Line 2 x Line 18	19
20	Secondary	\$ -	(Section 3.2.1; Page 8; Line 2) x (Line 18) x (Line 14)	20
21	Primary	\$ 23	(Section 3.2.1; Page 8; Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 145	(Section 3.2.1; Page 8; Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 168	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates ⁵	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0.2824791915	Line 21 / Line 9	27
28	Transmission	\$ 0.2824791915	Line 21 / Line 10	28
29				29
30				30
31	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		31
32	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.2824791915	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.2824791915	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ -	Section 3.2.1; Page 8 (Line 11 x Line 35) + Page 9; (Line 8 x Line 32)	38
39	Primary	\$ 119	Section 3.2.1; Page 8 (Line 12 x Line 36) + Page 9; (Line 9 x Line 33)	39
40	Transmission	\$ 722	Section 3.2.1; Page 8 (Line 13 x Line 37) + Page 9; (Line 10 x Line 34)	40
41	Total	\$ 841	Sum Lines 38; 39; and 40	41
42				42
43	Difference	\$ (0.000)	Section 3.2.1; Page 8; Line 2 Minus Page 9; Line 41	43
44				44
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
² Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
³ Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁴ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁵ Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁶ LF = Transmission Loss Factor: Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESALE Rates Using TO3-CYCLE-5 Billing Determinants

Street Lighting Customers

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 1,482	Section 3.2.1; Page 1; Line 7	1
2				2
3	Billing Determinants - Street Lighting Customers @ MWh ¹ :	114,521	Section 3.2.1; Page 16.1; Line 23	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 14; Col. B; Line 10	5
6				6
7	Billing Determinants @ Transmission Level	119,754	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0123743031	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0123743031	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 1,482	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.00)	Line 1 - Line 13	15
	Notes:			
	¹ Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs:			
	DWL, OL-1, LS-1, LS-2.			

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SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE-5 WHOLESALE Rates Using TO3-CYCLE-5 Billing Determinants

Standby Revenues Calculation

(\$000)

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement:	\$ 5,062	Section 3.2.1; Page 1; Line 8	1
2	<i>Demand Determinants @ Transmission Level Used to Allocate</i>			2
3	<i>Total Class Revenues to Voltage Level:</i>			3
4	Secondary ¹	168.25	Section 3.2.1; Page 15; Col. D; Line 54	4
5	Primary ¹	1,011.60	Section 3.2.1; Page 15; Col. D; Line 55	5
6	Transmission ¹	603.30	Section 3.2.1; Page 15; Col. D; Line 56	6
7	Total	1,783.15	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level:</i>			9
10	Secondary	9.43551444%	Line 4 / Line 7	10
11	Primary	56.73101463%	Line 5 / Line 7	11
12	Transmission	33.83347093%	Line 6 / Line 7	12
13	Total	100.00000000%	Sum Lines 10; 11; 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level:			15
16	Secondary	\$ 478	Line 1 x Line 10	16
17	Primary	\$ 2,872	Line 1 x Line 11	17
18	Transmission	\$ 1,713	Line 1 x Line 12	18
19	Total	\$ 5,062	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Transmission:			21
22	Secondary	168.25	Section 3.2.1; Page 15; Col. D; Line 54	22
23	Primary	1,011.60	Section 3.2.1; Page 15; Col. D; Line 55	23
24	Transmission	603.30	Section 3.2.1; Page 15; Col. D; Line 56	24
25	Total	1,783.15	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 2.8390057963	Line 16 / Line 22	28
29	Primary	\$ 2.8390057974	Line 17 / Line 23	29
30	Transmission	\$ 2.8390057975	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Transmission (Rounded):			32
33	Secondary	\$ 2.8390057963	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 2.8390057974	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 2.8390057975	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 478	Line 22 x Line 33	38
39	Primary	\$ 2,872	Line 23 x Line 34	39
40	Transmission	\$ 1,713	Line 24 x Line 35	40
41	Total	\$ 5,062	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ 0.000	Line 1 - Line 41	43
	Notes:			

¹ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Summary of TO3-CYCLE-5 Wholesale Transmission Rates Based on TO3-CYCLE-5 Wholesale Cost of Service

Using TO3-CYCLE-5 Forecast Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Level Demand Rates \$/kW-Mo	Primary Level Demand Rates \$/kW-Mo	Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0195248328				Section 3.2.1; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0231403620				Section 3.2.1; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 6.3884269595	\$ 6.3884269546	\$ 6.3884269550	Section 3.2.1; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 5.7495842636	\$ 5.7495842591	\$ 5.7495842595	Section 3.2.1; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	Section 3.2.1; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	Section 3.2.1; Page 7; Lines 32;33;34	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 1.4321120761	\$ 1.4321120761	\$ -	Section 3.2.1; Page 8; Lines 29;30;31	15
16	Winter		\$ 0.2824791915	\$ 0.2824791915	\$ -	Section 3.2.1; Page 9; Lines 32;33;34	16
17							17
18	Street Lighting	\$ 0.0123743031				Section 3.2.1; Page 10; Line 11	18
19							19
20	Standby Rate		\$ 2.8390057975	\$ 2.8390057974	\$ 2.8390057963	Section 3.2.1; Page 11; Lns 33;34;35	20

NOTES:

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

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Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

**Summary of TO3-CYCLE-5 Proof of Revenues Based on TO3-CYCLE-5 Wholesale Cost of Service (2nd Compliance Filing)
(\$1,000)**

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 159,591	\$ 159,591	\$ 0	Sect. 3.2.1; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	\$ 49,149	\$ 49,149	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	\$ 189,158	\$ 189,158	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Street Lighting	\$ 1,482	\$ 1,482	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 7; & Pg. 10; Ln. 13	7
8						8
9	Standby Revenues	\$ 5,062	\$ 5,062	\$ 0	Sect. 3.2.1; Pg. 1; Ln. 8; & Pg. 11; Ln. 41	9
10						10
11	Grand Total	\$ 404,443	\$ 404,443	\$ 0	Sum Lines 1 thru 9	11

Section 3.2.1

**SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
WHOLESALE - Rate Design Information**

Development of TO3-CYCLE-5 12-CP Allocation Factors and Voltage Level Allocation Factors

	(A)	(B)	(C) = (A) x (B)	(D)			
	5 Year Average		5 Year Average		12 CP		
	Ending 12/31/2008		Ending 12/31/2008		Allocation Percentages		
	Of 12 CPs		Of 12 CPs		@ Transmission		
Line No.	Customer Class	Kilowatt @ Meter Level ¹	Transmission Loss Factors	Kilowatt @ Transmission Level	Level	Reference	Line No.
1	<u>5-Year Average - 12CP Allocation Factors:</u>					From Statement BB;	1
2	Residential Customers	15,054,815	1.0457	15,742,820	39.46%	Docket No. ER11-4318	2
3	Small Commercial Customers	4,636,436	1.0457	4,848,321	12.15%	Docket No. ER11-4318	3
4	Medium-Large Commercial Customers						4
5	Secondary	13,510,244	1.0457	14,127,662	35.41%	Docket No. ER11-4318	5
6	Primary	3,295,181	1.0108	3,330,769	8.35%	Docket No. ER11-4318	6
7	Transmission	1,201,031	1.0000	1,201,031	3.01%	Docket No. ER11-4318	7
8	Total Medium-Large Commercial	18,006,456	1.0363	18,659,462	46.77%	Sum Lines 5; 6; 7	8
9							9
10	Street Lighting	139,791	1.0457	146,179	0.37%	Docket No. ER11-4318	10
11	Standby Customers						11
12	Secondary	38,310	1.0457	40,061	0.10%	Docket No. ER11-4318	12
13	Primary	293,448	1.0108	296,617	0.74%	Docket No. ER11-4318	13
14	Transmission	162,697	1.0000	162,697	0.41%	Docket No. ER11-4318	14
15	Total Standby Customers	494,455	1.0100	499,375	1.25%	Sum Lines 12; 13; 14	15
16							16
17	System Total	38,331,953	1.04081	39,896,158	100.00%	Sum Lines 2; 3; 8; 10; 15	17
18							18
19				Transmission			19
20	<u>Medium-Large Commercial Customers:</u>	Meter Level		Level	Ratios		20
21	Billing Determinants - (Non-Coincident Demand)						21
22	Secondary	22,562	1.0457	23,593	79.68%	Docket No. ER11-4318	22
23	Primary	4,538	1.0108	4,587	15.49%	Docket No. ER11-4318	23
24	Transmission	1,429	1.0000	1,429	4.83%	Docket No. ER11-4318	24
25	Total	28,529	1.0379	29,610	100.00%	Sum Lines 22; 23; 24	25
26							26
27				Transmission			27
28	<u>Standby Customers:</u>	Meter Level		Level	Ratios		28
29	Billing Determinants - (Contracted Standby Demand)						29
30	Secondary	161	1.0457	168	9.44%	Docket No. ER11-4318	30
31	Primary	1,001	1.0108	1,012	56.73%	Docket No. ER11-4318	31
32	Transmission	603	1.0000	603	33.83%	Docket No. ER11-4318	32
33	Total	1,765	1.0103	1,783	100.00%	Sum Lines 30; 31; 32	33
	NOTES:						
¹	Information comes from SDG&E's TO3-Cycle 5 filed with the FERC in Docket No. ER11-4318-000 filed on August 15, 2011.						
	See Cost Statements BB, Allocation Demand and Capability Data, and Cost Statement BD, Allocation Energy and Supporting Data.						

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Section 3.2.1						
SAN DIEGO GAS AND ELECTRIC COMPANY						
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing						
Development of TO3-CYCLE-5 12-CP Allocation Factors and Voltage Level Allocation Factors						
(A)	(B)	(C)	(D) = (B) x (C)	(E)		
	Forecast Demand		Forecast Demand			
	Determinants		Determinants			
Line No.	Customer Class	Megawatt @ Meter Level	Transmission Loss Factors	Megawatt @ Transmission Level	Ratios	Reference
1	Forecast Demand Determinants for Medium-Large Commercial Customers:					
2	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate					
3	Secondary	1,001	1.0457	1,047	87.96%	Section 3.2.1; Page 17.1; Line 35
4	Primary	142	1.0108	143	12.04%	Section 3.2.1; Page 17.1; Line 36
5	Transmission	-	1.0000	-	0.00%	Section 3.2.1; Page 17.1; Line 37
6	Total	1,143		1,190	100.00%	Sum Lines 3; 4; 5
7						
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate					
9	with Maximum On-Peak Period Demand					
10	Secondary	21,561	1.0457	22,546	83.19%	Section 3.2.1; Page 17.2; Line 61
11	Primary	4,221	1.0108	4,267	15.74%	Section 3.2.1; Page 17.2; Line 62
12	Transmission	290	1.0000	290	1.07%	Section 3.2.1; Page 17.2; Line 63
13	Total	26,072		27,103	100.00%	Sum Lines 10; 11; 12
14						
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate					
16	with Maximum Demand at the Time of System Peak					
17	Secondary	-	1.0457	-	0.00%	Section 3.2.1; Page 17.3; Line 97
18	Primary	175	1.0108	177	13.48%	Section 3.2.1; Page 17.3; Line 98
19	Transmission	1,139	1.0000	1,139	86.52%	Section 3.2.1; Page 17.3; Line 99
20	Total	1,314		1,316	100.00%	Sum Lines 17; 18; 19
21						
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers					
23	Secondary	22,562	1.0457	23,593	79.68%	Sum Lines 3; 10; 17
24	Primary	4,538	1.0108	4,587	15.49%	Sum Lines 4; 11; 18
25	Transmission	1,429	1.0000	1,429	4.83%	Sum Lines 5; 12; 19
26	Total	28,529		29,610	100.00%	Sum Lines 23; 24; 25
27						
28	Maximum On-Peak Period Demand Determinants					
29	Summer (May, June, July, August, September)					
30	Secondary	8,629	1.0457	9,023	81.09%	Section 3.2.1; Page 17.2; Line 71
31	Primary	1,862	1.0108	1,882	16.91%	Section 3.2.1; Page 17.2; Line 72
32	Transmission	222	1.0000	222	2.00%	Section 3.2.1; Page 17.2; Line 73
33	Total	10,713		11,128	100.00%	Sum Lines 30; 31; 32
34	Winter (October, November, December, January, February, March, April)					
35	Secondary	9,890	1.0457	10,342	80.79%	Section 3.2.1; Page 17.2; Line 71
36	Primary	2,143	1.0108	2,167	16.92%	Section 3.2.1; Page 17.2; Line 72
37	Transmission	292	1.0000	292	2.28%	Section 3.2.1; Page 17.2; Line 73
38	Total	12,326		12,801	100.00%	Sum Lines 35; 36; 37
39						
40	Maximum Demand at the Time of System Peak Determinants					
41	Summer (May, June, July, August, September)					
42	Secondary	-	1.0457	-	0.00%	Section 3.2.1; Page 17.3; Line 107
43	Primary	66	1.0108	67	14.27%	Section 3.2.1; Page 17.3; Line 108
44	Transmission	403	1.0000	403	85.73%	Section 3.2.1; Page 17.3; Line 109
45	Total	469		470	100.00%	Sum Lines 42; 43; 44
46	Winter (October, November, December, January, February, March, April)					
47	Secondary	-	1.0457	-	0.00%	Section 3.2.1; Page 17.3; Line 107
48	Primary	80	1.0108	81	13.58%	Section 3.2.1; Page 17.3; Line 108
49	Transmission	514	1.0000	514	86.42%	Section 3.2.1; Page 17.3; Line 109
50	Total	594		595	100.00%	Sum Lines 47; 48; 49
51						
52	Forecast Demand Determinants for Standby Customers:					
53	Contracted Demand Determinants					
54	Secondary	161	1.0457	168	9.44%	Section 3.2.1; Page 17.3; Line 114
55	Primary	1,001	1.0108	1,012	56.73%	Section 3.2.1; Page 17.3; Line 115
56	Transmission	603	1.0000	603	33.83%	Section 3.2.1; Page 17.3; Line 116
57	Total	1,765		1,783	100.00%	Sum Lines 56; 57; 58

Section 3.2.1															Line
San Diego Gas & Electric															No.
FERC Forecast Sales @ Transmission Level for the Period: September 2011 - Aug 2012															No.
Line No.		Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	
		Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	
1	SDG&E: System Delivery Determinants														1
2	Customer Class Deliveries (MWh)														2
3	Residential	742,692	630,385	607,894	676,957	740,162	654,615	624,214	576,135	566,235	594,769	678,999	723,479	7,816,536	3
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		4
5	Residential @ Transmission Level	776,633	659,194	635,674	707,894	773,987	684,531	652,741	602,465	592,112	621,950	710,029	756,542	8,173,752	5
6															6
7	Small Commercial	192,137	171,835	164,462	162,260	164,304	159,406	160,257	154,172	158,246	168,323	186,012	189,728	2,031,142	7
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		8
9	Small Commercial @ Transmission Level	200,918	179,688	171,978	169,675	171,813	166,691	167,581	161,218	165,478	176,015	194,513	198,399	2,123,966	9
10															10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	11
12	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627		12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	30,435	28,759	25,605	23,604	18,228	17,447	18,061	20,228	22,118	26,028	31,380	29,933	291,826	13
14															14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	15
16	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627		16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	949,036	845,931	832,457	818,533	809,625	792,115	802,635	792,839	803,406	852,377	911,657	907,605	10,118,213	17
18															18
19	Med. & Large Comm./Ind. (A6)	57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	19
20	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627		20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	59,230	59,247	59,264	59,282	59,299	59,316	59,333	59,351	59,368	59,385	59,403	59,420	711,898	21
22															22
23	Lighting	9,514	9,522	9,530	9,538	9,533	9,538	9,543	9,549	9,554	9,559	9,567	9,574	114,521	23
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		24
25	Street Lighting @ Transmission Level	9,949	9,957	9,966	9,974	9,968	9,974	9,980	9,985	9,991	9,996	10,004	10,011	119,754	25
26															26
27	Sale for Resale	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	18.5	27
28	Total System Delivery@Meter Exclude Resale	1,946,693	1,712,996	1,667,108	1,718,628	1,770,103	1,662,030	1,643,246	1,581,743	1,587,959	1,677,622	1,841,936	1,884,849	20,694,913	28
29	Total System Delivery@Trans. Exclude Resale	2,026,200	1,782,776	1,734,943	1,788,962	1,842,919	1,730,074	1,710,330	1,646,086	1,652,472	1,745,751	1,916,986	1,961,909	21,539,409	29
30	Med. & Large Comm./Ind.														30
31	Rate Schedule Billing Determinants														31
32		Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5	Cycle - 5		32
33	Schedules AD / PA-T-1:Applicable to 100% NCD	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	33
34	Total Deliveries (MWh)	29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	34
35															35
36	Total Deliveries (%)														36
37	% @ Secondary Service	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	37
38	% @ Primary Service	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	38
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	39
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	40
41	Total Deliveries (MWh)														41
42	MWh @ Secondary Service	26,233	24,789	22,070	20,345	15,711	15,038	15,567	17,436	19,065	22,434	27,048	25,800	251,537	42
43	MWh @ Primary Service	3,137	2,964	2,639	2,433	1,879	1,798	1,861	2,085	2,280	2,682	3,234	3,085	30,076	43
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45		29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	45

Section 3.2.1															
San Diego Gas & Electric															
FERC Forecast Sales @ Transmission Level for the Period: September 2011 - Augst 2012															
Line No.															Line No.
46	Non-Coincident Demand (%)														46
47	% @ Secondary Service	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	47
48	% @ Primary Service	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50															50
51	Non-Coincident Demand (MW)														51
52	MW @ Secondary Service	104.435	98.684	87.859	80.995	62.546	59.866	61.974	69.411	75.896	89.311	107.678	102.712	1,001.367	52
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	53
54	Non-Coincident Demand @ Transmission Leve	109.208	103.194	91.874	84.697	65.405	62.602	64.806	72.583	79.364	93.392	112.599	107.405	1,047.129	54
55															55
56	MW @ Primary Service	14.790	13.975	12.442	11.470	8.858	8.478	8.776	9.830	10.748	12.648	15.249	14.546	141.810	56
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	57
58	Non-Coincident Demand @ Transmission Leve	14.949	14.126	12.577	11.594	8.953	8.570	8.871	9.936	10.864	12.784	15.414	14.703	143.341	58
59															59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	119.225	112.660	100.301	92.465	71.404	68.344	70.750	79.241	86.644	101.959	122.927	117.257	1,143.176	61
62	Non-Coincident Demand @ Transmission Leve	124.157	117.320	104.451	96.291	74.358	71.172	73.677	82.519	90.228	106.177	128.012	122.108	1,190.471	62
63															63
64															64
65	Schedules AL-TOU / AY-TOU / DG-R:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	65
66	Applicable to 90% NCD - Total Deliveries (MWh)	915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	66
67															67
68	Total Deliveries (%)														68
69	% @ Secondary Service	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	69
70	% @ Primary Service	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	70
71	% @ Transmission Service	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
73	Total Deliveries (MWh)														73
74	MWh @ Secondary Service	731,651	652,163	641,776	631,041	624,173	610,674	618,785	611,233	619,379	657,133	702,835	699,710	7,800,553	74
75	MWh @ Primary Service	170,435	151,918	149,499	146,998	145,398	142,254	144,143	142,384	144,282	153,076	163,722	162,994	1,817,102	75
76	MWh @ Transmission Service	13,737	12,245	12,050	11,848	11,719	11,466	11,618	11,476	11,629	12,338	13,196	13,138	146,462	76
77		915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	77
78															78
79	Non-Coincident Demand (%)														79
80	% @ Secondary Service	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	80
81	% @ Primary Service	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	81
82	% @ Transmission Service	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	82
83															83
84	Non-Coincident Demand (MW)														84
85	MW @ Secondary Service	2,022.284	1,802.579	1,773.868	1,744.197	1,725.215	1,687.903	1,710.320	1,689.447	1,711.964	1,816.315	1,942.635	1,933.999	21,560.727	85
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	86
87	Non-Coincident Demand @ Transmission Leve	2,114.703	1,884.957	1,854.933	1,823.907	1,804.057	1,765.040	1,788.482	1,766.655	1,790.201	1,899.320	2,031.414	2,022.383	22,546.052	87
88															88
89	MW @ Primary Service	395.920	352.906	347.285	341.476	337.760	330.455	334.844	330.757	335.166	355.595	380.326	378.636	4,221.128	89
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	90
91	Non-Coincident Demand @ Transmission Leve	400.196	356.718	351.036	345.164	341.408	334.024	338.460	334.330	338.786	359.436	384.434	382.725	4,266.716	91

Section 3.2.1

San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2011 - Augst 2012

Line No.	Section 3.2.1 San Diego Gas & Electric FERC Forecast Sales @ Transmission Level for the Period: September 2011 - Augst 2012													Line No.	
92															92
93	MW @ Transmission Service	27.227	24.269	23.883	23.483	23.228	22.725	23.027	22.746	23.049	24.454	26.155	26.039	290.287	93
94	Non-Coincident Demand @ Meter Level	2,445.432	2,179.755	2,145.036	2,109.157	2,086.203	2,041.084	2,068.192	2,042.950	2,070.180	2,196.364	2,349.117	2,338.674	26,072.142	94
95	Non-Coincident Demand @ Transmission Level	2,542.126	2,265.944	2,229.852	2,192.555	2,168.693	2,121.790	2,149.970	2,123.730	2,152.036	2,283.210	2,442.002	2,431.147	27,103.056	95
96															96
97	On-Peak Demand (%)														97
98	% @ Secondary Service	0.2530%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2530%	0.2530%	0.2530%	0.2530%	0.2374%	98
99	% @ Primary Service	0.2343%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2343%	0.2343%	0.2343%	0.2343%	0.2204%	99
100	% @ Transmission Service	0.3474%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3474%	0.3474%	0.3474%	0.3474%	0.3513%	100
101															101
102	On-Peak Demand (MW)	W	S	S	S	S	S	W	W	W	W	W	W	Total	102
103	MW @ Secondary Service	1,851.078	1,469.324	1,445.920	1,421.735	1,406.263	1,375.849	1,394.122	1,377.107	1,567.030	1,662.546	1,778.172	1,770.267	18,519.411	103
104	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	104
105	On-Peak Demand @ Transmission Level	1,935.672	1,536.472	1,511.999	1,486.709	1,470.529	1,438.725	1,457.833	1,440.041	1,638.643	1,738.524	1,859.434	1,851.168	19,365.748	105
106															106
107	MW @ Primary Service	399.329	318.421	313.349	308.108	304.755	298.164	302.124	298.436	338.052	358.657	383.601	381.895	4,004.889	107
108	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	108
109	On-Peak Demand @ Transmission Level	403.641	321.860	316.733	311.435	308.046	301.384	305.387	301.659	341.703	362.530	387.744	386.020	4,048.142	109
110															110
111	MW @ Transmission Service	47.724	43.396	42.705	41.990	41.533	40.635	41.175	40.672	40.400	42.863	45.844	45.640	514.578	111
112	On-Peak Demand @ Meter Level	2,298.130	1,831.140	1,801.974	1,771.834	1,752.551	1,714.648	1,737.420	1,716.216	1,945.482	2,064.066	2,207.617	2,197.803	23,038.878	112
113	On-Peak Demand @ Transmission Level	2,387.037	1,901.727	1,871.437	1,840.134	1,820.108	1,780.744	1,804.394	1,782.373	2,020.746	2,143.917	2,293.022	2,282.828	23,928.468	113
114															114
115															115
116	Schedule A6-TOU:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	116
117	Total Deliveries (MWh)	57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	117
118															118
119	Total Deliveries (%)														119
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	121
122	% @ Transmission Service	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	122
123		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	123
124	Total Deliveries (MWh)														124
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	7,190	7,192	7,195	7,197	7,199	7,201	7,203	7,205	7,207	7,209	7,211	7,213	86,423	126
127	MWh @ Transmission Service	49,967	49,981	49,996	50,010	50,025	50,040	50,054	50,069	50,083	50,098	50,113	50,127	600,562	127
128		57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	128
129	Non-Coincident Demand (%)														129
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	131
132	% @ Transmission Service	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	132
133															133
134	Non-Coincident Demand (MW)														134
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
136	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136
137	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137

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Section 3.2.1														
San Diego Gas & Electric														
FERC Forecast Sales @ Transmission Level for the Period: September 2011 - Augst 2012														
Line No.														Line No.
138														138
139	MW @ Primary Service	14.596	14.601	14.605	14.609	14.613	14.618	14.622	14.626	14.630	14.635	14.639	14.643	175.438
140	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	
141	Non-Coincident Demand @ Transmission Level	14.754	14.758	14.763	14.767	14.771	14.776	14.780	14.784	14.788	14.793	14.797	14.801	177.333
142														
143	MW @ Transmission Service	94.737	94.764	94.792	94.820	94.847	94.875	94.903	94.930	94.958	94.986	95.013	95.041	1,138.666
144	Non-Coincident Demand @ Meter Level	109.333	109.365	109.397	109.429	109.461	109.493	109.525	109.556	109.588	109.620	109.652	109.684	1,314.104
145	Non-Coincident Demand @ Transmission Level	109.491	109.523	109.555	109.587	109.619	109.651	109.682	109.714	109.746	109.778	109.810	109.842	1,315.999
146														
147	Coincident Peak Demand (%)													
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
149	% @ Primary Service	0.1840%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1840%	0.1840%	0.1840%	0.1840%	0.1692%
150	% @ Transmission Service	0.1608%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1608%	0.1608%	0.1608%	0.1608%	0.1527%
151														
152	Coincident Peak Demand (MW)	W	S	S	S	S	S	W	W	W	W	W	W	Total
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
155	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156														
157	MW @ Primary Service	13.230	11.414	11.418	11.421	11.424	11.428	11.431	11.434	13.261	13.265	13.269	13.273	146.269
158	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	
159	Coincident Peak Demand@Transmission Level	13.373	11.538	11.541	11.544	11.548	11.551	11.555	11.558	13.404	13.408	13.412	13.416	147.848
160														
161	MW @ Transmission Service	80.346	73.422	73.444	73.465	73.487	73.508	73.529	73.551	80.534	80.557	80.581	80.604	917.030
162	Coincident Peak Demand@Meter Level	93.577	84.837	84.862	84.886	84.911	84.936	84.961	84.985	93.795	93.822	93.850	93.877	1,063.298
163	Coincident Peak Demand@Transmission Level	93.720	84.960	84.985	85.010	85.034	85.059	85.084	85.109	93.938	93.966	93.993	94.020	1,064.878
164	Schedule S: Standby Determinants:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total
165	Contracted Standby Demand (MW)													
166	MW @ Secondary Service	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	160.896
167	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
168	Standby Demand @ Transmission Level	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	168.249
169														
170	MW @ Primary Service	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	1,000.788
171	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	
172	Standby Demand @ Transmission Level	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	1,011.597
173														
174	MW @ Transmission Service	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	603.300
175	Standby Demand@Meter Level	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	1,764.984
176	Standby Demand@Transmission Level	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	1,783.145
177														

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Line	Section 3.2.1 San Diego Gas & Electric FERC Forecast Period: September 2011 - August 2012													Line	
No.														No.	
1	SDG&E: System Delivery Determinants													1	
2														2	
3	Customer Class Deliveries (MWh)	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	3
4	Residential	742,692	630,385	607,894	676,957	740,162	654,615	624,214	576,135	566,235	594,769	678,999	723,479	7,816,536	4
5	Small Commercial	192,137	171,835	164,462	162,260	164,304	159,406	160,257	154,172	158,246	168,323	186,012	189,728	2,031,142	5
6	Med. & Large Comm./Ind. (AD + PA-T-1)	29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	6
7	Med. & Large Comm./Ind. (AY + AL + DGR)	915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	7
8	Med. & Large Comm./Ind. (A6)	57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	8
9	Lighting	9,514	9,522	9,530	9,538	9,533	9,538	9,543	9,549	9,554	9,559	9,567	9,574	114,521	9
10	Sale for Resale	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	18.50	10
11	Total System	1,946,695	1,712,997	1,667,110	1,718,629	1,770,104	1,662,031	1,643,248	1,581,745	1,587,961	1,677,623	1,841,938	1,884,850	20,694,932	11
12														12	
13	Med. & Large Comm./Ind.													13	
14	Rate Schedule Billing Determinants													14	
15														15	
16	Schedules AD / PA-T-1:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	16
17	Total Deliveries (MWh)	29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	17
18														18	
19	Total Deliveries (%)														19
20	% @ Secondary Service	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	20
21	% @ Primary Service	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	21
22	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22
23		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	23
24	Total Deliveries (MWh)														24
25	MWh @ Secondary Service	26,233	24,789	22,070	20,345	15,711	15,038	15,567	17,436	19,065	22,434	27,048	25,800	251,537	25
26	MWh @ Primary Service	3,137	2,964	2,639	2,433	1,879	1,798	1,861	2,085	2,280	2,682	3,234	3,085	30,076	26
27	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	27
28		29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	28
29	Non-Coincident Demand (%)														29
30	% @ Secondary Service	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	30
31	% @ Primary Service	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	31
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	32
33														33	
34	Non-Coincident Demand (MW)														34
35	MW @ Secondary Service	104.435	98.684	87.859	80.995	62.546	59.866	61.974	69.411	75.896	89.311	107.678	102.712	1,001.367	35
36	MW @ Primary Service	14.790	13.975	12.442	11.470	8.858	8.478	8.776	9.830	10.748	12.648	15.249	14.546	141.810	36
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	37
38		119.225	112.660	100.301	92.465	71.404	68.344	70.750	79.241	86.644	101.959	122.927	117.257	1,143.176	38
39														39	

Line	Section 3.2.1 San Diego Gas & Electric FERC Forecast Period: September 2011 - August 2012													Line	
No.														No.	
40															40
41															41
42	Schedules AL-TOU / AY-TOU / DG-R:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	42
43	Total Deliveries (MWh)	915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	43
44															44
45	Total Deliveries (%)														45
46	% @ Secondary Service	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	46
47	% @ Primary Service	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	47
48	% @ Transmission Service	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	48
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	49
50	Total Deliveries (MWh)														50
51	MWh @ Secondary Service	731,651	652,163	641,776	631,041	624,173	610,674	618,785	611,233	619,379	657,133	702,835	699,710	7,800,553	51
52	MWh @ Primary Service	170,435	151,918	149,499	146,998	145,398	142,254	144,143	142,384	144,282	153,076	163,722	162,994	1,817,102	52
53	MWh @ Transmission Service	13,737	12,245	12,050	11,848	11,719	11,466	11,618	11,476	11,629	12,338	13,196	13,138	146,462	53
54		915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	54
55	Non-Coincident Demand (%)														55
56	% @ Secondary Service	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	56
57	% @ Primary Service	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	57
58	% @ Transmission Service	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	58
59															59
60	Non-Coincident Demand (MW)														60
61	MW @ Secondary Service	2,022.284	1,802.579	1,773.868	1,744.197	1,725.215	1,687.903	1,710.320	1,689.447	1,711.964	1,816.315	1,942.635	1,933.999	21,560.727	61
62	MW @ Primary Service	395.920	352.906	347.285	341.476	337.760	330.455	334.844	330.757	335.166	355.595	380.326	378.636	4,221.128	62
63	MW @ Transmission Service	27.227	24.269	23.883	23.483	23.228	22.725	23.027	22.746	23.049	24.454	26.155	26.039	290.287	63
64		2,445.432	2,179.755	2,145.036	2,109.157	2,086.203	2,041.084	2,068.192	2,042.950	2,070.180	2,196.364	2,349.117	2,338.674	26,072.142	64
65	On-Peak Demand (%)														65
66	% @ Secondary Service	0.2530%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2530%	0.2530%	0.2530%	0.2530%	0.2374%	66
67	% @ Primary Service	0.2343%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2343%	0.2343%	0.2343%	0.2343%	0.2204%	67
68	% @ Transmission Service	0.3474%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3474%	0.3474%	0.3474%	0.3474%	0.3513%	68
69															69
70	On-Peak Demand (MW)	Summer	Winter	Winter	Winter	Winter	Winter	Winter	Winter	Summer	Summer	Summer	Summer	TOTAL	70
71	MW @ Secondary Service	1,851.078	1,469.324	1,445.920	1,421.735	1,406.263	1,375.849	1,394.122	1,377.107	1,567.030	1,662.546	1,778.172	1,770.267	18,519.411	71
72	MW @ Primary Service	399.329	318.421	313.349	308.108	304.755	298.164	302.124	298.436	338.052	358.657	383.601	381.895	4,004.889	72
73	MW @ Transmission Service	47.724	43.396	42.705	41.990	41.533	40.635	41.175	40.672	40.400	42.863	45.844	45.640	514.578	73
74		2,298.130	1,831.140	1,801.974	1,771.834	1,752.551	1,714.648	1,737.420	1,716.216	1,945.482	2,064.066	2,207.617	2,197.803	23,038.878	74
75															75

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Line	Section 3.2.1 San Diego Gas & Electric FERC Forecast Period: September 2011 - August 2012													Line	
No.														No.	
76															76
77															77
78	Schedule A6-TOU:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	78
79	Total Deliveries (MWh)	57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	79
80															80
81	Total Deliveries (%)														81
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	82
83	% @ Primary Service	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	83
84	% @ Transmission Service	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	84
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85
86	Total Deliveries (MWh)														86
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	87
88	MWh @ Primary Service	7,190	7,192	7,195	7,197	7,199	7,201	7,203	7,205	7,207	7,209	7,211	7,213	86,423	88
89	MWh @ Transmission Service	49,967	49,981	49,996	50,010	50,025	50,040	50,054	50,069	50,083	50,098	50,113	50,127	600,562	89
90		57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	90
91	Non-Coincident Demand (%)														91
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	92
93	% @ Primary Service	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	93
94	% @ Transmission Service	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	94
95															95
96	Non-Coincident Demand (MW)														96
97	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	97
98	MW @ Primary Service	14.596	14.601	14.605	14.609	14.613	14.618	14.622	14.626	14.630	14.635	14.639	14.643	175.438	98
99	MW @ Transmission Service	94.737	94.764	94.792	94.820	94.847	94.875	94.903	94.930	94.958	94.986	95.013	95.041	1,138.666	99
100		109.333	109.365	109.397	109.429	109.461	109.493	109.525	109.556	109.588	109.620	109.652	109.684	1,314.104	100
101	Coincident Peak Demand (%)														101
102	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	102
103	% @ Primary Service	0.1840%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1840%	0.1840%	0.1840%	0.1840%	0.1692%	103
104	% @ Transmission Service	0.1608%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1608%	0.1608%	0.1608%	0.1608%	0.1527%	104
105															105
106	Coincident Peak Demand (MW)														106
107	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	107
108	MW @ Primary Service	13.230	11.414	11.418	11.421	11.424	11.428	11.431	11.434	13.261	13.265	13.269	13.273	146.269	108
109	MW @ Transmission Service	80.346	73.422	73.444	73.465	73.487	73.508	73.529	73.551	80.534	80.557	80.581	80.604	917.030	109
110		93.577	84.837	84.862	84.886	84.911	84.936	84.961	84.985	93.795	93.822	93.850	93.877	1,063.298	110
111															111
112	Schedule S: Standby Determinants:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	112
113	Contracted Standby Demand (MW)														113
114	MW @ Secondary Service	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	160.896	114
115	MW @ Primary Service	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	1,000.788	115
116	MW @ Transmission Service	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	603.300	116
117		147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	1,764.984	117
118															118

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San Diego Gas & Electric Company

Section 3.2.1.1

Derivation of CAISO Cost of Service Rates in Effect for the Last 12 Months of the Final TU Period Based on SDG&E's TO3-6th Cycle, Offer of Settlement and Settlement Agreement Filing, CAISO Wholesale Cost of Service.

Docket No. ER15-____-_____

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Allocation of CYCLE-6 Offer of Settlement Filing WHOLESale BTRR to Customer Classes

Based on TO3-CYCLE-6 12 CPs

(\$1,000)

Line No.	Customer Classes	(a) Total 12 CPs @ Transmission Level ²	(b) 12 CP Allocation Percentages @ Transmission Level ³	(c) Allocated Base Transmission Revenue Requirement	(d) Reference	Line No.
1	Total Base Transmission Revenue Requirement ¹			\$ 603,922	TO3-Cycle 6; Docket No. ER12-2454-002	1
2					Offer of Settlement and Settlement Agreement; Filed 5/14/2013.	2
3	<u>Allocation of BTRR Based on 12-CP:</u>				Statement BK2; Pg 8 of 8; Ln 15; Col. 1	3
4	Residential	15,983,180	39.87%	\$ 240,797	Col.C4 = Col (c) Ln1 x Col B. Ln 4	4
5	Small Commercial	4,762,672	11.88%	71,753	Col.C5 = Col (c) Ln1 x Col B. Ln 5	5
6	Medium & Large Commercial/Industrial	18,644,992	46.51%	280,899	Col.C6 = Col (c) Ln1 x Col B. Ln 6	6
7	Street Lighting Revenues	149,182	0.37%	2,248	Col.C7 = Col (c) Ln1 x Col B. Ln 7	7
8	Standby Revenues	545,979	1.36%	8,226	Col.C8 = Col (c) Ln1 x Col B. Ln 8	8
9						9
10	Total	40,086,005	100.00%	\$ 603,922	Sum Lines 4 thru 8	10
11						11
12	Total	40,086,005		\$ 603,922	Line 10	12

NOTES:

¹ Statement refers to SDG&E's TO3, Cycle 6, Cost Statements as derived in its Offer of Settlement and Settlement Agreement Filing in Docket No. ER12-2454-002, filed on May 14, 2013. See Cost Statement BK-2; Page 8 of 8; Line 15, Column 1.

² See Volume 1; Cost Statement BB; Page 1; Column C; FERC Docket No. ER12-2454-000 filed with the FERC on August 15, 2012.

³ See Volume 1; Cost Statement BB; Page 1; Column D; FERC Docket No. ER12-2454-000 filed with the FERC on August 15, 2012.

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESale Rates Using TO3-CYCLE-6 Billing Determinants

Residential Customers ¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1.	Residential - Allocated Transmission Revenue Requirements	\$ 240,797	Section 3.2.1.1; Page 1; Line 4	1
2				2
3	Billing Determinants - Residential Customer Class @ MWh:	7,866,781	Section 3.2.1.1; Page 16.1; Line 3	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1.1; Page 14; Col. B; Line 2	5
6				6
7	Billing Determinants @ Transmission Level	8,226,293	Line 3 x Line 5	7
8				8
9	Residential Energy Rate Per kWh	\$ 0.0292716446	Line 1 / Line 7	9
10				10
11	Residential Energy Rate Per kWh - Rounded	\$ 0.0292716446	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 240,797	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.000)	Line 1 - Line 13	15
	Notes:			
¹	Residential customers include the following California Public Utilities Commission (CPUC) tariffs: DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TV, D-SMF.			

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants

Small Commercial Customers ¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 71,753	Section 3.2.1.1; Page 1; Line 5	1
2				2
3	Billing Determinants - Small Commercial @ MWh:	1,966,678	Section 3.2.1.1; Page 16.1; Line 7	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1.1; Page 14; Col. B; Line 3	5
6				6
7	Billing Determinants @ Transmission Level	2,056,555	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0348897951	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0348897951	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 71,753	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.000)	Line 1 - Line 13	15
	Notes:			
¹	Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs: A, A-TC, A-TOU, PA.			

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I - Demand Revenue Requirement:	\$ 280,899	Section 3.2.1.1; Page 1; Line 6	1
2	<i>Non-Coincident Demand Determinants @ Transmission Level Used</i>			2
3	<i>to Allocate Total Customer Class Revenues to Voltage Level:</i>			3
4	Secondary ²	23,068.41	Section 3.2.1.1; Page 14; Line 22; Col. C.	4
5	Primary ²	4,507.98	Section 3.2.1.1; Page 14; Line 23; Col. C.	5
6	Transmission ²	1,432.98	Section 3.2.1.1; Page 14; Line 24; Col. C.	6
7	Total	29,009.37	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level:</i>			9
10	Secondary	79.52%	Line 4 / Line 7	10
11	Primary	15.54%	Line 5 / Line 7	11
12	Transmission	4.94%	Line 6 / Line 7	12
13	Total	100.00%	Sum Lines 10; 11; 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level:			15
16	Secondary	\$ 223,372	Line 1 x Line 10	16
17	Primary	43,651	Line 1 x Line 11	17
18	Transmission	13,876	Line 1 x Line 12	18
19	Total	\$ 280,899	Sum Lines 16; 17; 18	19
20				20
21	Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:			21
22	Secondary	23,068	Section 3.2.1.1; Page 14; Line 22; Col. C.	22
23	Primary	4,508	Section 3.2.1.1; Page 14; Line 23; Col. C.	23
24	Transmission	1,433	Section 3.2.1.1; Page 14; Line 24; Col. C.	24
25	Total	29,009	Sum Lines 22; 23; 24	25
26				26
27	Non-Coincident Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 9.6830469396	Line 16 / Line 22	28
29	Primary	\$ 9.6830469417	Line 17 / Line 23	29
30	Transmission	\$ 9.6830469400	Line 18 / Line 24	30
31				31
32	Non-Coincident Demand Rate By Voltage Level @ Transmission Level:			32
33	Secondary	\$ 9.6830469396	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 9.6830469417	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 9.6830469400	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 223,372	Line 22 x Line 33	38
39	Primary	43,651	Line 23 x Line 34	39
40	Transmission	13,876	Line 24 x Line 35	40
41	Total	\$ 280,899	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.000)	Line 1 - Line 41	43

Notes:

¹ Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs:
AD, AY-TOU, AL-TOU, AL-TOU-CP, AL-TOU-DER, A6-TOU, PA-T-1.

² LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Rate Proposal 90% of Total M&L C&I NCD Rates ¹	90.00%		1
2	Secondary	\$ 8.7147422456	90% x Section 3.2.1.1; Page 4; Line 33	2
3	Primary	\$ 8.7147422475	90% x Section 3.2.1.1; Page 4; Line 34	3
4	Transmission	\$ 8.7147422460	90% x Section 3.2.1.1; Page 4; Line 35	4
5				5
6	Rate Proposal 90% of Total M&L C&I NCD Rates (Rounded)			6
7	Secondary	\$ 8.7147422456	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 8.7147422475	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 8.7147422460	Line 4, Rounded to 10 Decimal Places	9
10				10
11	Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand²			11
12	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			12
13	Secondary	22,042	Section 3.2.1.1; Page 15; Line 10; Col. D.	13
14	Primary	4,200	Section 3.2.1.1; Page 15; Line 11; Col. D.	14
15	Transmission	284	Section 3.2.1.1; Page 15; Line 12; Col. D.	15
16	Total	26,525	Sum Lines 12; 13; 14	16
17				17
18	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			18
19	Secondary	\$ 213,433	Line 13 x Section 3.2.1.1; Page 4; Line 33	19
20	Primary	\$ 40,665	Line 14 x Section 3.2.1.1; Page 4; Line 34	20
21	Transmission	\$ 2,748	Line 15 x Section 3.2.1.1; Page 4; Line 35	21
22	Total	\$ 256,846	Sum Lines 19; 20; 21	22
23				23
24	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			24
25	Secondary	\$ 192,089	Line 7 x Line 13	25
26	Primary	\$ 36,598	Line 8 x Line 14	26
27	Transmission	\$ 2,473	Line 9 x Line 15	27
28	Total	\$ 231,161	Sum Lines 25; 26; 27	28
29				29
30	Revenue Reallocation to Maximum On-Peak Period Demands			30
31	Secondary	\$ 21,343	Line 19 - Line 25	31
32	Primary	\$ 4,066	Line 20 - Line 26	32
33	Transmission	\$ 275	Line 21 - Line 27	33
34	Total	\$ 25,685	Sum Lines 31; 32; 33	34
35				35
36	Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak³			36
37	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			37
38	Secondary	-	Section 3.2.1.1; Page 15; Col. D; Line 17	38
39	Primary	166	Section 3.2.1.1; Page 15; Col. D; Line 18	39
40	Transmission	1,149	Section 3.2.1.1; Page 15; Col. D; Line 19	40
41	Total	1,315	Sum Lines 18; 19; 20	41
42				42
43	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			43
44	Secondary	\$ -	Line 38 x Section 3.2.1.1; Page 4; Line 33	44
45	Primary	\$ 1,607	Line 39 x Section 3.2.1.1; Page 4; Line 34	45
46	Transmission	\$ 11,127	Line 40 x Section 3.2.1.1; Page 4; Line 35	46
47	Total	\$ 12,734	Sum Lines 44; 45; 46	47
48				48
49	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			49
50	Secondary	\$ -	Line 7 x Line 38	50
51	Primary	\$ 1,446	Line 8 x Line 39	51
52	Transmission	\$ 10,015	Line 9 x Line 40	52
53	Total	\$ 11,461	Sum Lines 50; 51; 52	53
54				54
55	Revenue Reallocation to Maximum Demand at the Time of System Peak			55
56	Secondary	\$ -	Line 44 - Line 50	56
57	Primary	\$ 161	Line 45 - Line 51	57
58	Transmission	\$ 1,113	Line 46 - Line 52	58
59	Total	\$ 1,273	Sum Lines 56; 57; 58	59

NOTES:

¹ 90% NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, AL-TOU-DER, DG-R, A6-TOU

² 90% NCD Rates and Maximum On-Peak Period Demand charges are applicable to the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

³ 90% NCD Rates and Maximum Demand at Time of System Peak charges are applicable to the following California Public Utilities Commission (CPUC) tariffs:
A6-TOU

Section 3.2.1.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I Maximum On-Peak Period Demand Proposal			1
2	Revenue Reallocation to Maximum On-Peak Period Demands ¹	\$ 25,685	Section 3.2.1.1; Page 5; Line 34	2
3				3
4	Summer Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) ²			4
5	Secondary	8,383	Section 3.2.1.1; Page 15; Col. B; Line 30	5
6	Primary	1,826	Section 3.2.1.1; Page 15; Col. B; Line 31	6
7	Transmission	193	Section 3.2.1.1; Page 15; Col. B; Line 32	7
8	Total	10,402	Sum Lines 5; 6; 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ Transmission Level (MW)			10
11	Secondary	8,766	Section 3.2.1.1; Page 15; Col. D; Line 30	11
12	Primary	1,846	Section 3.2.1.1; Page 15; Col. D; Line 31	12
13	Transmission	193	Section 3.2.1.1; Page 15; Col. D; Line 32	13
14	Total	10,805	Sum Lines 11; 12; 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	81.13%	Line 11 / Line 14	17
18	Primary	17.08%	Line 12 / Line 14	18
19	Transmission	1.79%	Line 13 / Line 14	19
20	Total	100.00%	Sum Lines 17; 18; 19	20
21	Share of Total Revenue Allocation to Summer Peak Period	80.00%		21
22	Revenues for Proposed Summer Maximum On-Peak Period Demand Rates	\$ 20,548	Line 2 x Line 21	22
23	Secondary	\$ 16,671	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 3,510	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 367	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 20,548	Sum Lines 23; 24; 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates ³	\$/kW		28
29	Secondary	\$ 1.9017375741	Line 23 / Line 11	29
30	Primary	\$ 1.9017375741	Line 24 / Line 12	30
31	Transmission	\$ 1.9017375741	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 1.9017375741	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1.9017375741	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1.9017375741	Line 31, Rounded to 10 Decimal Places	37
38				38
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁴ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁵ Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.2.1.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4 Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants
Medium-Large Commercial Customers ¹
(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Winter Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) ⁴			1
2	Secondary	9,673	Section 3.2.1.1; Page 15; Col. B; Line 35.	2
3	Primary	2,115	Section 3.2.1.1; Page 15; Col. B; Line 36.	3
4	Transmission	244	Section 3.2.1.1; Page 15; Col. B; Line 37.	4
5	Total	12,032	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ TRANSMISSION Level (MW)			7
8	Secondary	10,115	Section 3.2.1.1; Page 15; Col. D; Line 35.	8
9	Primary	2,138	Section 3.2.1.1; Page 15; Col. D; Line 36.	9
10	Transmission	244	Section 3.2.1.1; Page 15; Col. D; Line 37.	10
11	Total	12,497	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	80.94%	Line 8 / Line 11	14
15	Primary	17.11%	Line 9 / Line 11	15
16	Transmission	1.96%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14; 15; 16	17
18	Share of Total Revenue Allocation to Winter Peak Period	20.00%		18
19	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates	\$ 5,137	(Section 3.2.1.1; Page 6; Line 2) x Line 18	19
20	Secondary	\$ 4,158	(Section 3.2.1.1; Page 6; Line 2 x Line 18) x Line 14	20
21	Primary	\$ 879	(Section 3.2.1.1; Page 6; Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 100	(Section 3.2.1.1; Page 6; Line 2 x Line 18) x Line 16	22
23	Total	\$ 5,137	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates ⁵	\$/kW		25
26	Secondary	\$ 0.4110510040	Line 20 / Line 8	26
27	Primary	\$ 0.4110510040	Line 21 / Line 9	27
28	Transmission	\$ 0.4110510040	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.4110510040	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.4110510040	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.4110510040	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ 20,829	(Section 3.2.1.1; Page 6; Line 11 x Line 35) + (Section 3.2.1.1; Page 7; Line 8 x Line 32)	38
39	Primary	\$ 4,389	(Section 3.2.1.1; Page 6; Line 12 x Line 36) + (Section 3.2.1.1; Page 7; Line 9 x Line 33)	39
40	Transmission	\$ 467	(Section 3.2.1.1; Page 6; Line 13 x Line 37) + (Section 3.2.1.1; Page 7; Line 10 x Line 34)	40
41	Total	\$ 25,685	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ 0.00	Section 3.3.2; Page 6; Line 2 Minus Page 7; Line 41	43
44				44

NOTES:

¹ Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs:
 AY-TOU, AL-TOU, AL-TOU-DER, DG-R

² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs:
 AY-TOU, AL-TOU, AL-TOU-DER, DG-R

³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:
 AY-TOU, AL-TOU, AL-TOU-DER, DG-R

⁴ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs:
 AY-TOU, AL-TOU, AL-TOU-DER, DG-R

⁵ Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:
 AY-TOU, AL-TOU, AL-TOU-DER, DG-R

⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.2.1.1

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SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I Maximum Demand at the Time of System Peak Proposal			1
2	Revenue Reallocation to Maximum Demand at the Time of System Peak ¹	\$ 1,273	Section 3.2.1.1; Page 5; Line 59	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) ²			4
5	Secondary	-	Section 3.2.1.1; Page 15; Col. B; Line 42	5
6	Primary	57	Section 3.2.1.1; Page 15; Col. B; Line 43	6
7	Transmission	390	Section 3.2.1.1; Page 15; Col. B; Line 44	7
8	Total	447	Sum Lines 5; 6; and 7	8
9				9
10	Summer Maximum Demand at the Time of System Peak @ TRANSMISSION Level (MW)			10
11	Secondary	-	Section 3.2.1.1; Page 15; Col. D; Line 42	11
12	Primary	58	Section 3.2.1.1; Page 15; Col. D; Line 43	12
13	Transmission	390	Section 3.2.1.1; Page 15; Col. D; Line 44	13
14	Total	448	Sum Lines 11; 12; and 13	14
15				15
16	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			16
17	Secondary	0.00%	Line 11 / Line 14	17
18	Primary	12.86%	Line 12 / Line 14	18
19	Transmission	87.14%	Line 13 / Line 14	19
20	Total	100.00%	Sum Lines 17; 18; and 19	20
21	Share of Total Revenue Allocation to Summer Maximum Demand at the Time of System Peak	80.00%		21
22	Revenues for Proposed Summer Maximum Demand at the Time of System Peak Rates	\$ 1,019	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 131	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 888	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,019	Sum Lines 23; 24; and 25	26
27				27
28	Summer Maximum Demand at the Time of System Peak Rates ³	\$/kW		28
29	Secondary	\$ -	Line 23 / Line 11	29
30	Primary	\$ 2.2738099052	Line 24 / Line 12	30
31	Transmission	\$ 2.2738099052	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		34
35	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 2.2738099052	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 2.2738099052	Line 31, Rounded to 10 Decimal Places	37
38				38
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
² Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
³ Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁴ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁵ Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.2.1.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Winter Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) ⁴			1
2	Secondary	-	Section 3.2.1.1; Page 15; Col. B; Line 47	2
3	Primary	77	Section 3.2.1.1; Page 15; Col. B; Line 48	3
4	Transmission	517	Section 3.2.1.1; Page 15; Col. B; Line 49	4
5	Total	594	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum Demand at the Time of System Peak @ Transmission Level (MW)			7
8	Secondary	-	Section 3.2.1.1; Page 15; Col. D; Line 47	8
9	Primary	78	Section 3.2.1.1; Page 15; Col. D; Line 48	9
10	Transmission	517	Section 3.2.1.1; Page 15; Col. D; Line 49	10
11	Total	595	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			13
14	Secondary	0.00%	Line 8 / Line 11	14
15	Primary	13.05%	Line 9 / Line 11	15
16	Transmission	86.95%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14; 15; 16	17
18	Share of Total Revenue Allocation to Winter Maximum Demand at the Time of System Peak	20.00%		18
19	Revenues for Proposed Winter Maximum Demand at the Time of System Peak Rates	\$ 255	(Section 3.2.1.1; Page 8; Line 2) x (Line 18)	19
20	Secondary	\$ -	(Section 3.2.1.1; Page 8; Line 2) x (Line 18) x (Line 14)	20
21	Primary	\$ 33	(Section 3.2.1.1; Page 8; Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 221	(Section 3.2.1.1; Page 8; Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 255	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates ⁵	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0.4281951597	Line 21 / Line 9	27
28	Transmission	\$ 0.4281951597	Line 21 / Line 10	28
29				29
30				30
31	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		31
32	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.4281951597	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.4281951597	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ -	Section 3.2.1.1; Page 8 (Line 11 x Line 35) + Page 9; (Line 8 x Line 32)	38
39	Primary	\$ 164	Section 3.2.1.1; Page 8 (Line 12 x Line 36) + Page 9; (Line 9 x Line 33)	39
40	Transmission	\$ 1,109	Section 3.2.1.1; Page 8 (Line 13 x Line 37) + Page 9; (Line 10 x Line 34)	40
41	Total	\$ 1,273	Sum Lines 38; 39; and 40	41
42				42
43	Difference	\$ (0.000)	Section 3.2.1.1; Page 8; Line 2 Minus Page 9; Line 41	43
44				44
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
² Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
³ Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁴ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁵ Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants

Street Lighting Customers

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 2,248	Section 3.2.1.1; Page 1; Line 7	1
2				2
3	Billing Determinants - Street Lighting Customers @ MWh ¹ :	114,411	Section 3.2.1.1; Page 16.1; Line 23	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1.1; Page 14; Col. B; Line 10	5
6				6
7	Billing Determinants @ Transmission Level	119,639	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0187857815	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0187857815	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 2,248	Line 7 x Line 11	13
14				14
15	Difference	\$ 0.00	Line 1 - Line 13	15
	Notes:			
	¹ Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs: DWL, OL-1, LS-1, LS-2.			

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3-CYCLE 6 WHOLESALE Rates Using TO3-CYCLE-6 Billing Determinants

Standby Revenues Calculation

(\$000)

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement:	\$ 8,226	Section 3.2.1.1; Page 1; Line 8	1
2	<i>Demand Determinants @ Transmission Level Used to Allocate</i>			2
3	<i>Total Class Revenues to Voltage Level:</i>			3
4	Secondary ¹	144.53	Section 3.2.1.1; Page 15; Col. D; Line 54	4
5	Primary ¹	1,041.91	Section 3.2.1.1; Page 15; Col. D; Line 55	5
6	Transmission ¹	714.67	Section 3.2.1.1; Page 15; Col. D; Line 56	6
7	Total	1,901.11	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level:</i>			9
10	Secondary	7.60251928%	Line 4 / Line 7	10
11	Primary	54.80518317%	Line 5 / Line 7	11
12	Transmission	37.59229755%	Line 6 / Line 7	12
13	Total	100.00000000%	Sum Lines 10; 11; 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level:			15
16	Secondary	\$ 625	Line 1 x Line 10	16
17	Primary	4,508	Line 1 x Line 11	17
18	Transmission	3,092	Line 1 x Line 12	18
19	Total	\$ 8,226	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Transmission:			21
22	Secondary	144.53	Section 3.2.1.1; Page 15; Col. D; Line 54	22
23	Primary	1,041.91	Section 3.2.1.1; Page 15; Col. D; Line 55	23
24	Transmission	714.67	Section 3.2.1.1; Page 15; Col. D; Line 56	24
25	Total	1,901.11	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 4.3266942952	Line 16 / Line 22	28
29	Primary	\$ 4.3266942980	Line 17 / Line 23	29
30	Transmission	\$ 4.3266942985	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Transmission (Rounded):			32
33	Secondary	\$ 4.3266942952	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 4.3266942980	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 4.3266942985	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 625	Line 22 x Line 33	38
39	Primary	4,508	Line 23 x Line 34	39
40	Transmission	3,092	Line 24 x Line 35	40
41	Total	\$ 8,226	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.000)	Line 1 - Line 41	43
	Notes:			
	¹ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000			

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Summary of TO3-CYCLE-6 Wholesale Transmission Rates Based on TO3-CYCLE-6 Wholesale Cost of Service

Using TO3-CYCLE-6 Forecast Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Level Demand Rates \$/kW-Mo	Primary Level Demand Rates \$/kW-Mo	Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0292716446				Section 3.2.1.1; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0348897951				Section 3.2.1.1; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 9.6830469400	\$ 9.6830469417	\$ 9.6830469396	Section 3.2.1.1; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 8.7147422460	\$ 8.7147422475	\$ 8.7147422456	Section 3.2.1.1; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	Section 3.2.1.1; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	Section 3.2.1.1; Page 7; Lines 32;33;34	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 2.2738099052	\$ 2.2738099052	\$ -	Section 3.2.1.1; Page 8; Lines 29;30;31	15
16	Winter		\$ 0.4281951597	\$ 0.4281951597	\$ -	Section 3.2.1.1; Page 9; Lines 32;33;34	16
17							17
18	Street Lighting	\$ 0.0187857815				Section 3.2.1.1; Page 10; Line 11	18
19							19
20	Standby Rate		\$ 4.3266942985	\$ 4.3266942980	\$ 4.3266942952	Section 3.2.1.1; Page 11; Lns 33;34;35	20

NOTES:

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Summary of TO3-CYCLE-6 Proof of Revenues Based on TO3-CYCLE-6 Wholesale Cost of Service (Offer of Settlement Filing)
(\$1,000)

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 240,797	\$ 240,797	\$ (0)	Sect. 3.2.1.1; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	\$ 71,753	\$ 71,753	\$ (0)	Sect. 3.2.1.1; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	\$ 280,899	\$ 280,899	\$ (0)	Sect. 3.2.1.1; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Street Lighting	\$ 2,248	\$ 2,248	\$ 0	Sect. 3.2.1.1; Pg. 1; Ln. 7; & Pg. 10; Ln. 13	7
8						8
9	Standby Revenues	\$ 8,226	\$ 8,226	\$ (0)	Sect. 3.2.1.1; Pg. 1; Ln. 8; & Pg. 11; Ln. 41	9
10						10
11	Grand Total	\$ 603,922	\$ 603,922	\$ (0)	Sum Lines 1 thru 9	11

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Development of TO3-CYCLE-6 12-CP Allocation Factors and Voltage Level Allocation Factors

	(A)	(B)	(C) = (A) x (B)	(D)			
	5 Year Average		5 Year Average				
	Ending 12/31/2009		Ending 12/31/2009	12 CP			
	Of 12 CPs		Of 12 CPs	Allocation Percentages			
Line	Kilowat @	Transmission	Kilowat @	@ Transmission		Line	
No.	Customer Class	Meter Level ¹	Loss Factors	Transmission Level	Level	Reference	No.
1	<u>5-Year Average - 12CP Allocation Factors:</u>					From Statement BB;	1
2	Residential Customers	15,284,671	1.0457	15,983,180	39.87%	Docket No. ER12-2454	2
3	Small Commercial Customers	4,554,530	1.0457	4,762,672	11.88%	Docket No. ER12-2454	3
4	Medium-Large Commercial Customers						4
5	Secondary	13,371,083	1.0457	13,982,141	34.88%	Docket No. ER12-2454	5
6	Primary	3,281,126	1.0108	3,316,562	8.27%	Docket No. ER12-2454	6
7	Transmission	1,346,288	1.0000	1,346,288	3.36%	Docket No. ER12-2454	7
8	Total Medium-Large Commercial	17,998,497	1.0359	18,644,992	46.51%	Sum Lines 5; 6; 7	8
9							9
10	Street Lighting	142,662	1.0457	149,182	0.37%	Docket No. ER12-2454	10
11	Standby Customers						11
12	Secondary	39,694	1.0457	41,508	0.10%	Docket No. ER12-2454	12
13	Primary	296,028	1.0108	299,225	0.75%	Docket No. ER12-2454	13
14	Transmission	205,246	1.0000	205,246	0.51%	Docket No. ER12-2454	14
15	Total Standby Customers	540,968	1.0093	545,979	1.36%	Sum Lines 12; 13; 14	15
16							16
17	System Total	38,521,328	1.04062	40,086,005	100.00%	Sum Lines 2; 3; 8; 10; 15	17
18							18
19				Transmission			19
20	<u>Medium-Large Commercial Customers:</u>	Meter Level		Level	Ratios		20
21	Billing Determinants - (Non-Coincident Demand)						21
22	Secondary	22,060	1.0457	23,068	79.52%	Docket No. ER12-2454	22
23	Primary	4,460	1.0108	4,508	15.54%	Docket No. ER12-2454	23
24	Transmission	1,433	1.0000	1,433	4.94%	Docket No. ER12-2454	24
25	Total	27,953	1.0378	29,009	100.00%	Sum Lines 22; 23; 24	25
26							26
27				Transmission			27
28	<u>Standby Customers:</u>	Meter Level		Level	Ratios		28
29	Billing Determinants - (Contracted Standby Demand)						29
30	Secondary	138	1.0457	145	7.60%	Docket No. ER12-2454	30
31	Primary	1,031	1.0108	1,042	54.81%	Docket No. ER12-2454	31
32	Transmission	715	1.0000	715	37.59%	Docket No. ER12-2454	32
33	Total	1,884	1.0093	1,901	100.00%	Sum Lines 30; 31; 32	33
	NOTES:						
¹	Information comes from SDG&E's TO3-Cycle 6 filed with the FERC in Docket No. ER12-2454-000 filed on August 15, 2012.						
	See Cost Statements BB, Allocation Demand and Capability Data, and Cost Statement BD, Allocation Energy and Supporting Data.						

Section 3.2.1.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Development of TO3-CYCLE-6 12-CP Allocation Factors and Voltage Level Allocation Factors

Line No.	(A) Customer Class	(B) Forecast Demand Determinants Megawatt @ Meter Level	(C) Transmission Loss Factors	(D) = (B) x (C) Forecast Demand Determinants Megawatt @ Transmission Level	(E) Ratios	Reference	Line No.
1	Forecast Demand Determinants for Medium-Large Commercial Customers:						
2	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate						
3	Secondary	982	1.0457	1,027	87.82%	Section 3.2.1.1; Page 17.1; Line 35	3
4	Primary	141	1.0108	142	12.18%	Section 3.2.1.1; Page 17.1; Line 36	4
5	Transmission	-	1.0000	-	0.00%	Section 3.2.1.1; Page 17.1; Line 37	5
6	Total	1,123		1,169	100.00%	Sum Lines 3; 4; 5	6
7							
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						
9	with Maximum On-Peak Period Demand						
10	Secondary	21,079	1.0457	22,042	83.10%	Section 3.2.1.1; Page 17.2; Line 61	10
11	Primary	4,155	1.0108	4,200	15.83%	Section 3.2.1.1; Page 17.2; Line 62	11
12	Transmission	284	1.0000	284	1.07%	Section 3.2.1.1; Page 17.2; Line 63	12
13	Total	25,517		26,525	100.00%	Sum Lines 10; 11; 12	13
14							
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						
16	with Maximum Demand at the Time of System Peak						
17	Secondary	-	1.0457	-	0.00%	Section 3.2.1.1; Page 17.3; Line 97	17
18	Primary	164	1.0108	166	12.62%	Section 3.2.1.1; Page 17.3; Line 98	18
19	Transmission	1,149	1.0000	1,149	87.38%	Section 3.2.1.1; Page 17.3; Line 99	19
20	Total	1,313		1,315	100.00%	Sum Lines 17; 18; 19	20
21							
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers						
23	Secondary	22,060	1.0457	23,068	79.52%	Sum Lines 3; 10; 17	23
24	Primary	4,460	1.0108	4,508	15.54%	Sum Lines 4; 11; 18	24
25	Transmission	1,433	1.0000	1,433	4.94%	Sum Lines 5; 12; 19	25
26	Total	27,953		29,009	100.00%	Sum Lines 23; 24; 25	26
27							
28	Maximum On-Peak Period Demand Determinants						
29	Summer (May, June, July, August, September)						
30	Secondary	8,383	1.0457	8,766	81.13%	Section 3.2.1.1; Page 17.2; Line 71	30
31	Primary	1,826	1.0108	1,846	17.08%	Section 3.2.1.1; Page 17.2; Line 72	31
32	Transmission	193	1.0000	193	1.79%	Section 3.2.1.1; Page 17.2; Line 73	32
33	Total	10,402		10,805	100.00%	Sum Lines 30; 31; 32	33
34	Winter (October, November, December, January, February, March, April)						
35	Secondary	9,673	1.0457	10,115	80.94%	Section 3.2.1.1; Page 17.2; Line 71	35
36	Primary	2,115	1.0108	2,138	17.11%	Section 3.2.1.1; Page 17.2; Line 72	36
37	Transmission	244	1.0000	244	1.96%	Section 3.2.1.1; Page 17.2; Line 73	37
38	Total	12,032		12,497	100.00%	Sum Lines 35; 36; 37	38
39							
40	Maximum Demand at the Time of System Peak Determinants						
41	Summer (May, June, July, August, September)						
42	Secondary	-	1.0457	-	0.00%	Section 3.2.1.1; Page 17.3; Line 107	42
43	Primary	57	1.0108	58	12.86%	Section 3.2.1.1; Page 17.3; Line 108	43
44	Transmission	390	1.0000	390	87.14%	Section 3.2.1.1; Page 17.3; Line 109	44
45	Total	447		448	100.00%	Sum Lines 42; 43; 44	45
46	Winter (October, November, December, January, February, March, April)						
47	Secondary	-	1.0457	-	0.00%	Section 3.2.1.1; Page 17.3; Line 107	47
48	Primary	77	1.0108	78	13.05%	Section 3.2.1.1; Page 17.3; Line 108	48
49	Transmission	517	1.0000	517	86.95%	Section 3.2.1.1; Page 17.3; Line 109	49
50	Total	594		595	100.00%	Sum Lines 47; 48; 49	50
51							
52	Forecast Demand Determinants for Standby Customers:						
53	Contracted Demand Determinants						
54	Secondary	138	1.0457	145	7.60%	Section 3.2.1.1; Page 17.3; Line 114	54
55	Primary	1,031	1.0108	1,042	54.81%	Section 3.2.1.1; Page 17.3; Line 115	55
56	Transmission	715	1.0000	715	37.59%	Section 3.2.1.1; Page 17.3; Line 116	56
57	Total	1,884		1,901	100.00%	Sum Lines 56; 57; 58	57

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2012 - Augst 2013

Line No.		Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6		Line No.
1	SDG&E: System Delivery Determinants														1
2	Customer Class Deliveries (MWh)	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	2
3	Residential	746,928	640,536	616,602	687,771	758,161	669,794	629,655	583,726	574,992	599,316	666,433	692,867	7,866,781	3
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		4
5	Residential @ Transmission Level	781,063	669,809	644,780	719,202	792,809	700,403	658,430	610,402	601,269	626,705	696,889	724,531	8,226,293	5
6															6
7	Small Commercial	188,220	166,792	159,904	156,077	162,609	157,129	156,245	151,974	152,228	163,021	176,532	175,947	1,966,678	7
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		8
9	Small Commercial @ Transmission Level	196,822	174,414	167,212	163,210	170,040	164,310	163,385	158,919	159,185	170,471	184,599	183,987	2,056,555	9
10															10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	11
12	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	30,847	27,132	24,376	20,937	17,801	17,120	18,124	21,655	23,405	26,779	29,779	29,224	287,178	13
14															14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	15
16	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	925,993	822,538	807,550	791,540	794,912	776,165	785,458	775,128	784,019	830,701	887,258	882,583	9,863,844	17
18															18
19	Med. & Large Comm./Ind. (A6)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	19
20	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	59,418	59,435	59,452	59,469	59,487	59,504	59,522	59,539	59,556	59,574	59,591	59,608	714,154	21
22															22
23	Lighting	9,497	9,495	9,493	9,491	9,535	9,540	9,546	9,552	9,557	9,563	9,568	9,574	114,411	23
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		24
25	Street Lighting @ Transmission Level	9,931	9,929	9,927	9,925	9,971	9,976	9,982	9,988	9,994	10,000	10,006	10,012	119,639	25
26															26
27	Sale for Resale	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	23.2	27
28	Total System Delivery@Meter Exclude Resale	1,925,666	1,694,405	1,646,470	1,695,052	1,772,261	1,659,682	1,628,622	1,571,880	1,573,697	1,657,155	1,795,297	1,816,121	20,436,308	28
29	Total System Delivery@Trans. Exclude Resale	2,004,074	1,763,256	1,713,297	1,764,284	1,845,019	1,727,478	1,694,901	1,635,630	1,637,429	1,724,229	1,868,121	1,889,946	21,267,664	29
30	Med. & Large Comm./Ind.														30
31	Rate Schedule Billing Determinants														31
32		Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6	Cycle - 6		32
33	Schedules AD / PA-T-1:Applicable to 100% NCD	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	33
34	Total Deliveries (MWh)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	34
35															35
36	Total Deliveries (%)														36
37	% @ Secondary Service	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	37
38	% @ Primary Service	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	38
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	39
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	40
41	Total Deliveries (MWh)														41
42	MWh @ Secondary Service	26,776	23,551	21,159	18,174	15,451	14,861	15,732	18,797	20,316	23,244	25,849	25,367	249,277	42
43	MWh @ Primary Service	3,002	2,640	2,372	2,037	1,732	1,666	1,764	2,107	2,277	2,606	2,898	2,844	27,944	43
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45		29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	45

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2012 - Aug 2013

Line No.															Line No.
46	Non-Coincident Demand (%)														46
47	% @ Secondary Service	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	47
48	% @ Primary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50															50
51	Non-Coincident Demand (MW)														51
52	MW @ Secondary Service	105.442	92.745	83.323	71.569	60.848	58.521	61.951	74.021	80.005	91.537	101.793	99.897	981.652	52
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	53
54	Non-Coincident Demand @ Transmission Level	110.261	96.983	87.131	74.840	63.628	61.195	64.783	77.404	83.661	95.720	106.445	104.462	1,026.514	54
55															55
56	MW @ Primary Service	15.134	13.311	11.959	10.272	8.733	8.399	8.892	10.624	11.483	13.138	14.610	14.338	140.893	56
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	57
58	Non-Coincident Demand @ Transmission Level	15.297	13.455	12.088	10.383	8.828	8.490	8.988	10.739	11.607	13.280	14.768	14.493	142.415	58
59															59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	120.576	106.056	95.282	81.841	69.581	66.920	70.843	84.645	91.488	104.675	116.403	114.235	1,122.545	61
62	Non-Coincident Demand @ Transmission Level	125.558	110.438	99.219	85.223	72.456	69.685	73.770	88.143	95.268	109.000	121.213	118.955	1,168.928	62
63															63
64															64
65	Schedules AL-TOU / AY-TOU / DG-R:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	65
66	Applicable to 90% NCD - Total Deliveries (MWh)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	66
67															67
68	Total Deliveries (%)														68
69	% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	69
70	% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	70
71	% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
73	Total Deliveries (MWh)														73
74	MWh @ Secondary Service	711,801	632,276	620,755	608,448	611,040	596,629	603,773	595,832	602,667	638,551	682,026	678,432	7,582,230	74
75	MWh @ Primary Service	169,213	150,307	147,569	144,643	145,259	141,833	143,532	141,644	143,269	151,799	162,134	161,280	1,802,482	75
76	MWh @ Transmission Service	12,872	11,434	11,226	11,003	11,050	10,789	10,918	10,775	10,898	11,547	12,334	12,269	137,114	76
77		893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	77
78															78
79	Non-Coincident Demand (%)														79
80	% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	80
81	% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	81
82	% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	82
83															83
84	Non-Coincident Demand (MW)														84
85	MW @ Secondary Service	1,978.807	1,757.727	1,725.700	1,691.486	1,698.691	1,658.630	1,678.489	1,656.413	1,675.415	1,775.171	1,896.031	1,886.041	21,078.601	85
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	86
87	Non-Coincident Demand @ Transmission Level	2,069.239	1,838.055	1,804.564	1,768.787	1,776.321	1,734.429	1,755.196	1,732.112	1,751.981	1,856.296	1,982.680	1,972.233	22,041.893	87
88															88
89	MW @ Primary Service	390.035	346.459	340.146	333.402	334.822	326.926	330.840	326.489	330.234	349.897	373.719	371.750	4,154.720	89
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	90
91	Non-Coincident Demand @ Transmission Level	394.247	350.200	343.819	337.003	338.438	330.457	334.413	330.015	333.801	353.676	377.755	375.765	4,199.591	91

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2012 - Augst 2013

Line No.	FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2012 - Augst 2013													Line No.	
92														92	
93	MW @ Transmission Service	26.645	23.668	23.237	22.776	22.873	22.334	22.601	22.304	22.560	23.903	25.530	25.396	283.827	93
94	Non-Coincident Demand @ Meter Level	2,395.487	2,127.854	2,089.082	2,047.664	2,056.387	2,007.889	2,031.930	2,005.206	2,028.209	2,148.971	2,295.281	2,283.187	25,517.148	94
95	Non-Coincident Demand @ Transmission Level	2,490.131	2,211.924	2,171.620	2,128.566	2,137.633	2,087.219	2,112.210	2,084.431	2,108.342	2,233.875	2,385.965	2,373.394	26,525.311	95
96														96	
97	On-Peak Demand (%)													97	
98	% @ Secondary Service	0.2530%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2530%	0.2530%	0.2530%	0.2530%	0.2381%	98
99	% @ Primary Service	0.2318%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2318%	0.2318%	0.2318%	0.2318%	0.2186%	99
100	% @ Transmission Service	0.3219%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3219%	0.3219%	0.3219%	0.3219%	0.3189%	100
101														101	
102	On-Peak Demand (MW)													102	
		W	S	S	S	S	S	W	W	W	W	W	W	Total	
103	MW @ Secondary Service	1,800.857	1,432.737	1,406.631	1,378.743	1,384.617	1,351.962	1,368.149	1,350.156	1,524.748	1,615.533	1,725.525	1,716.433	18,056.092	103
104	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		104
105	On-Peak Demand @ Transmission Level	1,883.156	1,498.213	1,470.914	1,441.752	1,447.894	1,413.747	1,430.674	1,411.858	1,594.429	1,689.363	1,804.381	1,794.874	18,881.255	105
106														106	
107	MW @ Primary Service	392.235	313.241	307.533	301.436	302.720	295.581	299.120	295.186	332.097	351.870	375.827	373.847	3,940.692	107
108	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		108
109	On-Peak Demand @ Transmission Level	396.471	316.624	310.855	304.692	305.989	298.773	302.350	298.374	335.684	355.671	379.886	377.884	3,983.252	109
110														110	
111	MW @ Transmission Service	41.435	36.188	35.529	34.824	34.973	34.148	34.557	34.102	35.082	37.171	39.702	39.492	437.202	111
112	On-Peak Demand @ Meter Level	2,234.526	1,782.166	1,749.693	1,715.004	1,722.309	1,681.691	1,701.826	1,679.444	1,891.927	2,004.574	2,141.053	2,129.772	22,433.987	112
113	On-Peak Demand @ Transmission Level	2,321.062	1,851.025	1,817.298	1,781.268	1,788.856	1,746.668	1,767.581	1,744.334	1,965.195	2,082.204	2,223.969	2,212.251	23,301.710	113
114														114	
115														115	
116	Schedule A6-TOU:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	116
117	Total Deliveries (MWh)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	117
118														118	
119	Total Deliveries (%)													119	
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	121
122	% @ Transmission Service	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	122
123														123	
124	Total Deliveries (MWh)													124	
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	7,089	7,091	7,093	7,096	7,098	7,100	7,102	7,104	7,106	7,108	7,110	7,112	85,209	126
127	MWh @ Transmission Service	50,268	50,283	50,297	50,312	50,327	50,341	50,356	50,371	50,385	50,400	50,415	50,429	604,183	127
128														128	
129	Non-Coincident Demand (%)													129	
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	131
132	% @ Transmission Service	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	132
133														133	
134	Non-Coincident Demand (MW)													134	
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
136	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		136
137	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2012 - Augst 2013

Line No.	San Diego Gas & Electric														Line No.
FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2012 - Augst 2013															
138															138
139	MW @ Primary Service	13.661	13.665	13.669	13.673	13.677	13.681	13.685	13.689	13.693	13.697	13.701	13.705	164.197	139
140	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		140
141	Non-Coincident Demand @ Transmission Level	13.809	13.813	13.817	13.821	13.825	13.829	13.833	13.837	13.841	13.845	13.849	13.853	165.971	141
142															142
143	MW @ Transmission Service	95.610	95.637	95.665	95.693	95.721	95.749	95.777	95.805	95.833	95.861	95.889	95.917	1,149.156	143
144	Non-Coincident Demand @ Meter Level	109.271	109.303	109.334	109.366	109.398	109.430	109.462	109.494	109.526	109.558	109.590	109.622	1,313.353	144
145	Non-Coincident Demand @ Transmission Level	109.418	109.450	109.482	109.514	109.546	109.578	109.610	109.642	109.674	109.706	109.738	109.770	1,315.127	145
146															146
147	Coincident Peak Demand (%)														147
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148
149	% @ Primary Service	0.1604%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1604%	0.1604%	0.1604%	0.1604%	0.1570%	149
150	% @ Transmission Service	0.1550%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1550%	0.1550%	0.1550%	0.1550%	0.1502%	150
151															151
152	Coincident Peak Demand (MW)	W	S	S	S	S	S	W	W	W	W	W	W	Total	152
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153
154	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		154
155	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	155
156															156
157	MW @ Primary Service	11.371	10.963	10.967	10.970	10.973	10.976	10.979	10.983	11.398	11.401	11.405	11.408	133.793	157
158	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		158
159	Coincident Peak Demand@Transmission Level	11.494	11.082	11.085	11.088	11.091	11.095	11.098	11.101	11.521	11.524	11.528	11.531	135.238	159
160															160
161	MW @ Transmission Service	77.915	73.815	73.836	73.858	73.879	73.901	73.922	73.944	78.097	78.120	78.143	78.165	907.596	161
162	Coincident Peak Demand@Meter Level	89.287	84.778	84.803	84.828	84.852	84.877	84.902	84.927	89.495	89.521	89.547	89.573	1,041.389	162
163	Coincident Peak Demand@Transmission Level	89.409	84.897	84.921	84.946	84.971	84.996	85.020	85.045	89.618	89.644	89.670	89.697	1,042.834	163
164	Schedule S: Standby Determinants:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	164
165	Contracted Standby Demand (MW)														165
166	MW @ Secondary Service	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	138.216	166
167	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		167
168	Standby Demand @ Transmission Level	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	144.532	168
169															169
170	MW @ Primary Service	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	1,030.776	170
171	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		171
172	Standby Demand @ Transmission Level	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	1,041.908	172
173															173
174	MW @ Transmission Service	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	714.672	174
175	Standby Demand@Meter Level	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	1,883.664	175
176	Standby Demand@Transmission Level	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	1,901.113	176
177															177

San Diego Gas & Electric														Line	
FERC Forecast Period: September 2012 - August 2013														No.	
1	SDG&E: System Delivery Determinants													1	
2															2
3	Customer Class Deliveries (MWh)	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	3
4	Residential	746,928	640,536	616,602	687,771	758,161	669,794	629,655	583,726	574,992	599,316	666,433	692,867	7,866,781	4
5	Small Commercial	188,220	166,792	159,904	156,077	162,609	157,129	156,245	151,974	152,228	163,021	176,532	175,947	1,966,678	5
6	Med. & Large Comm./Ind. (AD + PA-T-1)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	6
7	Med. & Large Comm./Ind. (AY + AL + DGR)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	7
8	Med. & Large Comm./Ind. (A6)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	8
9	Lighting	9,497	9,495	9,493	9,491	9,535	9,540	9,546	9,552	9,557	9,563	9,568	9,574	114,411	9
10	Sale for Resale	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	23.18	10
11	Total System	1,925,668	1,694,407	1,646,472	1,695,054	1,772,263	1,659,684	1,628,624	1,571,882	1,573,699	1,657,157	1,795,299	1,816,123	20,436,332	11
12															12
13	Med. & Large Comm./Ind.													13	
14	Rate Schedule Billing Determinants													14	
15															15
16	Schedules AD / PA-T-1:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	16
17	Total Deliveries (MWh)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	17
18															18
19	Total Deliveries (%)														19
20	% @ Secondary Service	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	20
21	% @ Primary Service	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	21
22	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22
23		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	23
24	Total Deliveries (MWh)														24
25	MWh @ Secondary Service	26,776	23,551	21,159	18,174	15,451	14,861	15,732	18,797	20,316	23,244	25,849	25,367	249,277	25
26	MWh @ Primary Service	3,002	2,640	2,372	2,037	1,732	1,666	1,764	2,107	2,277	2,606	2,898	2,844	27,944	26
27	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	27
28		29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	28
29	Non-Coincident Demand (%)														29
30	% @ Secondary Service	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	30
31	% @ Primary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	31
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	32
33															33
34	Non-Coincident Demand (MW)														34
35	MW @ Secondary Service	105.442	92.745	83.323	71.569	60.848	58.521	61.951	74.021	80.005	91.537	101.793	99.897	981.652	35
36	MW @ Primary Service	15.134	13.311	11.959	10.272	8.733	8.399	8.892	10.624	11.483	13.138	14.610	14.338	140.893	36
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	37
38		120.576	106.056	95.282	81.841	69.581	66.920	70.843	84.645	91.488	104.675	116.403	114.235	1,122.545	38
39															39

690000

San Diego Gas & Electric														Line	
FERC Forecast Period: September 2012 - August 2013														No.	
Line No.		Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	
40															40
41															41
42	Schedules AL-TOU / AY-TOU / DG-R:														42
43	Total Deliveries (MWh)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	43
44															44
45	Total Deliveries (%)														45
46	% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	46
47	% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	47
48	% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	48
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	49
50	Total Deliveries (MWh)														50
51	MWh @ Secondary Service	711,801	632,276	620,755	608,448	611,040	596,629	603,773	595,832	602,667	638,551	682,026	678,432	7,582,230	51
52	MWh @ Primary Service	169,213	150,307	147,569	144,643	145,259	141,833	143,532	141,644	143,269	151,799	162,134	161,280	1,802,482	52
53	MWh @ Transmission Service	12,872	11,434	11,226	11,003	11,050	10,789	10,918	10,775	10,898	11,547	12,334	12,269	137,114	53
54		893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	54
55	Non-Coincident Demand (%)														55
56	% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	56
57	% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	57
58	% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	58
59															59
60	Non-Coincident Demand (MW)														60
61	MW @ Secondary Service	1,978.807	1,757.727	1,725.700	1,691.486	1,698.691	1,658.630	1,678.489	1,656.413	1,675.415	1,775.171	1,896.031	1,886.041	21,078.601	61
62	MW @ Primary Service	390.035	346.459	340.146	333.402	334.822	326.926	330.840	326.489	330.234	349.897	373.719	371.750	4,154.720	62
63	MW @ Transmission Service	26.645	23.668	23.237	22.776	22.873	22.334	22.601	22.304	22.560	23.903	25.530	25.396	283.827	63
64		2,395.487	2,127.854	2,089.082	2,047.664	2,056.387	2,007.889	2,031.930	2,005.206	2,028.209	2,148.971	2,295.281	2,283.187	25,517.148	64
65	On-Peak Demand (%)														65
66	% @ Secondary Service	0.2530%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2530%	0.2530%	0.2530%	0.2530%	0.2381%	66
67	% @ Primary Service	0.2318%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2318%	0.2318%	0.2318%	0.2318%	0.2186%	67
68	% @ Transmission Service	0.3219%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3219%	0.3219%	0.3219%	0.3219%	0.3189%	68
69															69
70	On-Peak Demand (MW)	Summer	Winter	Winter	Winter	Winter	Winter	Winter	Winter	Summer	Summer	Summer	Summer	TOTAL	70
71	MW @ Secondary Service	1,800.857	1,432.737	1,406.631	1,378.743	1,384.617	1,351.962	1,368.149	1,350.156	1,524.748	1,615.533	1,725.525	1,716.433	18,056.092	71
72	MW @ Primary Service	392.235	313.241	307.533	301.436	302.720	295.581	299.120	295.186	332.097	351.870	375.827	373.847	3,940.692	72
73	MW @ Transmission Service	41.435	36.188	35.529	34.824	34.973	34.148	34.557	34.102	35.082	37.171	39.702	39.492	437.202	73
74		2,234.526	1,782.166	1,749.693	1,715.004	1,722.309	1,681.691	1,701.826	1,679.444	1,891.927	2,004.574	2,141.053	2,129.772	22,433.987	74
75															75

000070

San Diego Gas & Electric														Line	
FERC Forecast Period: September 2012 - August 2013														No.	
Line No.		Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	
76															76
77															77
78	Schedule A6-TOU:														78
79	Total Deliveries (MWh)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	79
80															80
81	Total Deliveries (%)														81
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	82
83	% @ Primary Service	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	83
84	% @ Transmission Service	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	84
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85
86	Total Deliveries (MWh)														86
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	87
88	MWh @ Primary Service	7,089	7,091	7,093	7,096	7,098	7,100	7,102	7,104	7,106	7,108	7,110	7,112	85,209	88
89	MWh @ Transmission Service	50,268	50,283	50,297	50,312	50,327	50,341	50,356	50,371	50,385	50,400	50,415	50,429	604,183	89
90		57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	90
91	Non-Coincident Demand (%)														91
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	92
93	% @ Primary Service	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	93
94	% @ Transmission Service	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	94
95															95
96	Non-Coincident Demand (MW)														96
97	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	97
98	MW @ Primary Service	13.661	13.665	13.669	13.673	13.677	13.681	13.685	13.689	13.693	13.697	13.701	13.705	164.197	98
99	MW @ Transmission Service	95.610	95.637	95.665	95.693	95.721	95.749	95.777	95.805	95.833	95.861	95.889	95.917	1,149.156	99
100		109.271	109.303	109.334	109.366	109.398	109.430	109.462	109.494	109.526	109.558	109.590	109.622	1,313.353	100
101	Coincident Peak Demand (%)														101
102	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	102
103	% @ Primary Service	0.1604%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1604%	0.1604%	0.1604%	0.1604%	0.1570%	103
104	% @ Transmission Service	0.1550%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1550%	0.1550%	0.1550%	0.1550%	0.1502%	104
105															105
106	Coincident Peak Demand (MW)														106
107	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	107
108	MW @ Primary Service	11.371	10.963	10.967	10.970	10.973	10.976	10.979	10.983	11.398	11.401	11.405	11.408	133.793	108
109	MW @ Transmission Service	77.915	73.815	73.836	73.858	73.879	73.901	73.922	73.944	78.097	78.120	78.143	78.165	907.596	109
110		89.287	84.778	84.803	84.828	84.852	84.877	84.902	84.927	89.495	89.521	89.547	89.573	1,041.389	110
111															111
112	Schedule S: Standby Determinants:														112
113	Contracted Standby Demand (MW)														113
114	MW @ Secondary Service	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	138.216	114
115	MW @ Primary Service	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	1,030.776	115
116	MW @ Transmission Service	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	714.672	116
117		156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	1,883.664	117
118															118

San Diego Gas & Electric Company

Section 3.2.2

Proof of Revenues that the Wholesale Transmission Rates Derived in Section 3.2.1 will Generate the Total Wholesale Cost of Service from Section 3.2.1

Docket No. ER15- _____ - _____

Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
 TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
 Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
PROOF OF REVENUES Derived from the **WHOLESALE** Rates Developed in TO3-Cycle 5 2nd Compliance Filing
 For the Rate Effective Period September 2011 through August 2012

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)		
Line No.	Customer Class	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	Reference	Line No.
1	Residential Customers	\$ 15,163,636	\$ 12,870,654	\$ 12,411,434	\$ 13,821,521	\$ 15,111,971	\$ 13,365,357	\$ 12,744,652	\$ 11,763,020	\$ 11,560,882	\$ 12,143,472	\$ 13,863,192	\$ 14,771,349	\$ 159,591,141	Section 3.2.2; Pages 2 & 3; Line 21	1
2																2
3	Small Commercial	4,649,304	4,158,052	3,979,624	3,926,342	3,975,807	3,857,292	3,877,887	3,730,641	3,829,213	4,073,052	4,501,101	4,591,017	49,149,332	Section 3.2.2; Pages 2 & 3; Line 23	3
4																4
5	Med-Lrg C&I @ 100% NCD	793,168	749,493	667,277	615,147	475,031	454,675	470,683	527,167	576,418	678,302	817,796	780,079	7,605,234	Section 3.2.2; Page 4; Line 21	5
6	Med-Lrg C&I @ 90% NCD	15,245,694	13,657,945	13,450,616	13,236,355	13,099,345	12,829,855	12,992,061	12,841,379	13,004,311	13,758,691	14,671,863	14,609,630	163,397,746	Section 3.2.2; Page 5; Line 30	6
7	Max On Peak Demand	2,971,404	514,457	506,263	497,795	492,378	481,729	488,127	482,169	2,515,442	2,668,767	2,854,373	2,841,684	17,314,589	Section 3.2.2; Page 6; Line 21	7
8	Max Durn-Time of System Peak	134,217	23,999	24,006	24,013	24,020	24,027	24,034	24,041	134,530	134,569	134,609	134,648	840,716	Section 3.2.2; Page 7; Line 21	8
9	Total Med-Lrg C&I	19,144,483	14,945,895	14,648,163	14,373,311	14,090,774	13,790,287	13,974,904	13,874,756	16,230,701	17,240,329	18,478,642	18,366,041	189,158,285	Sum Lines 5, 6, 7, 8	9
10																10
11	Street Lighting	123,107	123,211	123,316	123,421	123,351	123,421	123,491	123,559	123,628	123,696	123,790	123,884	1,481,874	Section 3.2.2; Pages 2 & 3; Line 27	11
12																12
13	Standby Revenues	421,863	421,863	421,863	421,863	421,863	421,863	421,863	421,863	421,863	421,863	421,863	421,863	5,062,360	Section 3.2.2; Page 8; Line 21	13
14																14
15	TOTAL Recorded	\$ 39,502,393	\$ 32,519,675	\$ 31,584,400	\$ 32,666,458	\$ 33,723,766	\$ 31,558,220	\$ 31,142,797	\$ 29,913,840	\$ 32,166,286	\$ 34,002,413	\$ 37,388,588	\$ 38,274,154	\$ 404,442,992	Sum Lines 1, 3, 9, 11, 13	15
NOTES:																
For the recorded revenues by customer class from September 2011 - August 2012, the transmission rates were based on the Wholesale Base Transmission Revenue Requirements of \$404.443 million from FERC Docket No. ER11-4318-002, the second Compliance Filing filed with the FERC on October 2, 2012. The derived rates were then applied to the rate effective period forecast sales at transmission level from September 2011 - August 2012 in developing the recorded wholesale revenues at transmission level.																

Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

PROOF OF REVENUES Derived from the WHOLESALE Rates Developed in TO3-Cycle 5 2nd Compliance Filing

For the Rate Effective Period September 2011 through August 2012

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Sep-11		Oct-11		Nov-11		Dec-11		Jan-12		Feb-12		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	776,633,348	-	659,194,072	-	635,674,292	-	707,894,455	-	773,987,228	-	684,531,179	-	4,237,914,575	-	1
2																2
3	Small Commercial	200,917,527	-	179,688,285	-	171,977,599	-	169,675,038	-	171,812,640	-	166,691,094	-	1,060,762,184	-	3
4																4
5	Medium-Large Commercial	1,038,700,835	2,775,774	933,936,902	2,492,787	917,325,490	2,443,858	901,418,456	2,398,432	887,151,168	2,352,670	868,877,333	2,302,612	5,547,410,183	14,766,132	5
6																6
7	Street Lighting	9,948,567	-	9,957,022	-	9,965,492	-	9,973,978	-	9,968,329	-	9,973,962	-	59,787,350	-	7
8																8
9	Standby Customers	-	148,595	-	148,595	-	148,595	-	148,595	-	148,595	-	148,595	-	891,573	9
10																10
11	TOTAL	2,026,200,277	2,924,369	1,782,776,281	2,641,382	1,734,942,873	2,592,453	1,788,961,927	2,547,028	1,842,919,365	2,501,265	1,730,073,568	2,302,612	10,905,874,291	15,657,705	11

Note: The above billing determinants are the forecast determinants from September 2011 through August 2012, which were converted from sales at meter level to sales at transmission level.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Sep-11		Oct-11		Nov-11		Dec-11		Jan-12		Feb-12		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328				12
13																13
14	Small Commercial	\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620				14
15																15
16	Medium-Large Commercial															16
17																17
18	Street Lighting	\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031				18
19																19
20	Standby Customers															20

Note: The wholesale transmission rates from September 2011 - August 2012 were derived using the Wholesale Base Transmission Revenue Requirements of \$494.443 million from TO3-Cycle 5, Order on Compliance Filing (2nd Compliance Filing in TO3-C5) in Docket No. ER11-4318-002, which was filed with the FERC on October 2, 2012.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Sep-11		Oct-11		Nov-11		Dec-11		Jan-12		Feb-12		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 15,163,636		\$ 12,870,654		\$ 12,411,434		\$ 13,821,521		\$ 15,111,971		\$ 13,365,357		\$ 82,744,573	\$ -	21
22																22
23	Small Commercial	\$ 4,649,304		\$ 4,158,052		\$ 3,979,624		\$ 3,926,342		\$ 3,975,807		\$ 3,857,292		\$ 24,546,421	\$ -	23
24																24
25	Medium-Large Commercial	\$ -	\$ 19,144,483	\$ -	\$ 14,945,895	\$ -	\$ 14,648,163	\$ -	\$ 14,373,311	\$ -	\$ 14,090,774	\$ -	\$ 13,790,287	\$ -	\$ 90,992,911	25
26																26
27	Street Lighting	\$ 123,107		\$ 123,211		\$ 123,316		\$ 123,421		\$ 123,351		\$ 123,421		\$ 739,827	\$ -	27
28																28
29	Standby Customers		\$ 421,863		\$ 421,863		\$ 421,863		\$ 421,863		\$ 421,863		\$ 421,863	\$ -	\$ 2,531,180	29
30																30
31	TOTAL	\$ 19,936,047	\$ 19,566,346	\$ 17,151,917	\$ 15,367,758	\$ 16,514,374	\$ 15,070,026	\$ 17,871,284	\$ 14,795,174	\$ 19,211,129	\$ 14,512,637	\$ 17,346,070	\$ 14,212,150	\$ 108,030,821	\$ 93,524,092	31
32																32
33	Grand Total		\$ 39,502,393		\$ 32,519,675		\$ 31,584,400		\$ 32,666,458		\$ 33,723,766		\$ 31,558,220		\$ 201,554,913	33

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 4 through 7.

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Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Derived from the WHOLESALE Rates Developed in TO3-Cycle 5 2nd Compliance Filing
For the Rate Effective Period September 2011 through August 2012

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-12		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sub-Total		Grand Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	652,740,626	-	602,464,591	-	592,111,705	-	621,950,127	-	710,028,741	-	756,541,641	-	3,935,837,431	-	8,173,752,005	-	1
2																		2
3	Small Commercial	167,581,104	-	161,217,909	-	165,477,653	-	176,015,051	-	194,512,988	-	198,398,666	-	1,063,203,369	-	2,123,965,553	-	3
4																		4
5	Medium-Large Commercial	880,029,014	2,333,330	872,417,914	2,315,964	884,892,366	2,352,011	937,789,539	2,499,166	1,002,440,293	2,679,825	996,957,561	2,663,097	5,574,526,687	14,843,392	11,121,936,870	29,609,525	5
6																		6
7	Street Lighting	9,979,603	-	9,985,131	-	9,990,667	-	9,996,212	-	10,003,789	-	10,011,377	-	59,966,778	-	119,754,128	-	7
8																		8
9	Standby Customers	-	148,595	-	148,595	-	148,595	-	148,595	-	148,595	-	148,595	-	891,573	-	1,783,145	9
10																		10
11	TOTAL	1,710,330,347	2,481,925	1,646,085,544	2,464,559	1,632,472,390	2,500,607	1,745,750,928	2,647,761	1,916,985,811	2,828,420	1,961,909,245	2,811,693	10,633,534,265	15,734,965	21,539,408,557	31,392,670	11

Note: The above billing determinants are the forecast determinants from September 2011 through August 2012, which were converted from sales at meter level to sales at transmission level.

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-12		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sub-Total		Grand-Total		
Line No.	Customer Classes	Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Changed Transmission Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328				12
13																		13
14	Small Commercial	\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620				14
15																		15
16	Medium-Large Commercial																	16
17																		17
18	Street Lighting	\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031				18
19																		19
20	Standby Customers																	20

Note: The wholesale transmission rates from September 2011 - August 2012 were derived using the Wholesale Base Transmission Revenue Requirements of \$404.443 million from TO3-Cycle 5, Order on Compliance Filing (2nd Compliance Filing in TO3-C5) in Docket No. ER11-4318-002, which was filed with the FERC on October 2, 2012.

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-12		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sub-Total		Grand-Total		
Line No.	Customer Classes	Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Changed Rates		Revenues @ Changed Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 12,744,652		\$ 11,763,020		\$ 11,560,882		\$ 12,143,472		\$ 13,863,192		\$ 14,771,349		\$ 76,846,568		\$ 159,591,141		21
22																		22
23	Small Commercial	\$ 3,877,887		\$ 3,730,641		\$ 3,829,213		\$ 4,073,052		\$ 4,501,101		\$ 4,591,017		\$ 24,602,911		\$ 49,149,332		23
24																		24
25	Medium-Large Commercial	\$ -	\$ 13,974,904	\$ -	\$ 13,874,756	\$ -	\$ 16,230,701	\$ -	\$ 17,240,329	\$ -	\$ 18,478,642	\$ -	\$ 18,366,041	\$ -	\$ 98,165,374	\$ -	\$ 189,158,285	25
26																		26
27	Street Lighting	\$ 123,491		\$ 123,559		\$ 123,628		\$ 123,696		\$ 123,790		\$ 123,884		\$ 742,047		\$ 1,481,874		27
28																		28
29	Standby Customers		\$ 421,863		\$ 421,863		\$ 421,863		\$ 421,863		\$ 421,863		\$ 421,863		\$ 2,531,180		\$ 5,062,360	29
30																		30
31	TOTAL	\$ 16,746,030	\$ 14,396,768	\$ 15,617,220	\$ 14,296,620	\$ 15,513,722	\$ 16,652,564	\$ 16,340,220	\$ 17,662,193	\$ 18,488,083	\$ 18,900,505	\$ 19,486,250	\$ 18,787,905	\$ 102,191,526	\$ 100,696,554	\$ 210,222,347	\$ 194,220,646	31
32																		32
33	Grand Total		\$ 31,142,797		\$ 29,913,840		\$ 32,166,286		\$ 34,002,413		\$ 37,388,588		\$ 38,274,154		\$ 202,888,080		\$ 404,442,992	33

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 4 through 7.

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Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Derived from the WHOLESALE Rates Developed in TO3-Cycle 5 2nd Compliance Filing
Proof of Revenues - Medium & Large C&I Customers
Non-Coincident Demand @ 100%

Line No.	Description	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%:															1
2	Secondary	109,208	103,194	91,874	84,697	65,405	62,602	64,806	72,583	79,364	93,392	112,599	107,405	1,047,129	Section 3.2.2; Page 9.2; Ln. 54 x 1000	2
3	Primary	14,949	14,126	12,577	11,594	8,953	8,570	8,871	9,936	10,864	12,784	15,414	14,703	143,341	Section 3.2.2; Page 9.2; Ln. 58 x 1000	3
4	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.2; Page 9.2; Ln. 60 x 1000	4
5	Total	124,157	117,320	104,451	96,291	74,358	71,172	73,677	82,519	90,228	106,177	128,012	122,108	1,190,471	Sum Lines 2; 3; 4	5
6																6
7	Non-Coincident Demand Rates Per (\$/KW) @ 100%¹															7
8	Secondary	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	\$ 6,388,426,955	Section 3.2.2; Page 13; Line 6	8
9	Primary	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	\$ 6,388,426,954	Section 3.2.2; Page 13; Line 6	9
10	Transmission	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	\$ 6,388,426,959	Section 3.2.2; Page 13; Line 6	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 697,665	\$ 659,249	\$ 586,932	\$ 541,079	\$ 417,833	\$ 399,929	\$ 414,009	\$ 463,692	\$ 507,013	\$ 596,629	\$ 719,328	\$ 686,152	\$ 6,689,510	Line 2 x Line 8	13
14	Primary	95,503	90,244	80,345	74,068	57,197	54,746	56,674	63,475	69,405	81,672	98,468	93,927	915,724	Line 3 x Line 9	14
15	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 10	15
16	Total	\$ 793,168	\$ 749,493	\$ 667,277	\$ 615,147	\$ 475,031	\$ 454,675	\$ 470,683	\$ 527,167	\$ 576,418	\$ 678,302	\$ 817,796	\$ 780,079	\$ 7,605,234	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 793,168	\$ 749,493	\$ 667,277	\$ 615,147	\$ 475,031	\$ 454,675	\$ 470,683	\$ 527,167	\$ 576,418	\$ 678,302	\$ 817,796	\$ 780,079	\$ 7,605,234	Line 16	18

¹ Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AD, PA-T-1.

Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Derived from the WHOLESALE Rates Developed in TO3-Cycle 5 2nd Compliance Filing
Proof of Revenues - Medium & Large C&I Customers
Non-Coincident Demand @ 90%

Line No.	Description	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 90%:															1
2																2
3	Schedules AL-TOU / AY-TOU / DG-R	2,114,703	1,884,957	1,854,933	1,823,907	1,804,057	1,765,040	1,788,482	1,766,655	1,790,201	1,899,320	2,031,414	2,022,383	22,546,052	Section 3.2.2; Page 9.2; Ln. 87 x 1000	3
4	Schedule A6-TOU	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.2; Page 9.4; Ln. 137 x 1000	4
5	Total - Secondary	2,114,703	1,884,957	1,854,933	1,823,907	1,804,057	1,765,040	1,788,482	1,766,655	1,790,201	1,899,320	2,031,414	2,022,383	22,546,052	Sum Lines 3 and 4	5
6																6
7																7
8	Schedules AL-TOU / AY-TOU / DG-R:	400,196	356,718	351,036	345,164	341,408	334,024	338,460	334,330	338,786	359,436	384,434	382,725	4,266,716	Section 3.2.2; Page 9.3; Ln. 91 x 1000	8
9	Schedule A6-TOU	14,754	14,758	14,763	14,767	14,771	14,776	14,780	14,784	14,788	14,793	14,797	14,801	177,333	Section 3.2.2; Page 9.4; Ln. 141 x 1000	9
10	Total - Primary	414,950	371,476	365,799	359,931	356,179	348,800	353,240	349,114	353,574	374,229	399,231	397,526	4,444,049	Sum Lines 8 and 9	10
11																11
12																12
13	Schedules AL-TOU / AY-TOU / DG-R:	27,227	24,269	23,883	23,483	23,228	22,725	23,027	22,746	23,049	24,454	26,155	26,039	290,287	Section 3.2.2; Page 9.3; Ln. 93 x 1000	13
14	Schedule A6-TOU	94,737	94,764	94,792	94,820	94,847	94,875	94,903	94,930	94,958	94,986	95,013	95,041	1,138,666	Section 3.2.2; Page 9.4; Ln. 143 x 1000	14
15	Total - Transmission	121,964	119,034	118,675	118,303	118,075	117,600	117,930	117,676	118,007	119,440	121,168	121,080	1,428,953	Sum Lines 13 and 14	15
16	Total	2,651,617	2,375,467	2,339,407	2,302,141	2,278,312	2,231,441	2,259,652	2,233,445	2,261,783	2,392,989	2,551,813	2,540,989	28,419,054	Sum Lines 5; 10; 15	16
17																17
18																18
19	Non-Coincident Demand Rates Per (\$/KW) @ 90%:															19
20	Secondary	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	\$5.7495842595	Section 3.2.2; Page 13; Line 8; Secondary	20
21	Primary	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	\$5.7495842591	Section 3.2.2; Page 13; Line 8; Primary	21
22	Transmission	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	\$5.7495842636	Section 3.2.2; Page 13; Line 8; Transmission	22
23																23
24	Revenues @ Calculated Rates:															24
25	Secondary	\$ 12,158,661	\$ 10,837,718	\$ 10,665,095	\$ 10,486,707	\$ 10,372,580	\$ 10,148,249	\$ 10,283,029	\$ 10,157,529	\$ 10,292,913	\$ 10,920,302	\$ 11,679,783	\$ 11,627,861	\$ 129,630,426	Line 5 x Line 20	25
26	Primary	2,385,789	2,135,833	2,103,190	2,069,455	2,047,882	2,005,454	2,030,985	2,007,259	2,032,905	2,151,660	2,295,412	2,285,611	25,551,455	Line 10 x Line 21	26
27	Transmission	701,243	684,395	682,331	680,193	678,883	676,153	678,048	676,591	678,493	686,730	696,668	696,158	8,215,885	Line 15 x Line 22	27
28	Total	\$ 15,245,694	\$ 13,657,945	\$ 13,450,616	\$ 13,236,355	\$ 13,099,345	\$ 12,829,855	\$ 12,992,061	\$ 12,841,379	\$ 13,004,311	\$ 13,758,691	\$ 14,671,863	\$ 14,609,630	\$ 163,397,746	Sum Lines 25; 26; 27	28
29																29
30	Total Revenues @ Calculated Rates:	\$ 15,245,694	\$ 13,657,945	\$ 13,450,616	\$ 13,236,355	\$ 13,099,345	\$ 12,829,855	\$ 12,992,061	\$ 12,841,379	\$ 13,004,311	\$ 13,758,691	\$ 14,671,863	\$ 14,609,630	\$ 163,397,746	Line 28	30

¹ 90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER; DG-R and A6-TOU.

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Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

PROOF OF REVENUES Derived from the WHOLESale Rates Developed in TO3-Cycle 5 2nd Compliance Filing

Proof of Revenues - Medium & Large C&I Customers

Maximum On-Peak Period Demand Rates (Summer & Winter Rates)

Line No.	Description	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	Reference	Line No.
1	On-Peak Demand (KW):															1
2	Secondary	1,935,672	1,536,472	1,511,999	1,486,709	1,470,529	1,438,725	1,457,833	1,440,041	1,638,643	1,738,524	1,859,434	1,851,168	19,365,748	Section 3.2.2; Page 9.3; Ln. 105 x 1000	2
3	Primary	403,641	321,860	316,733	311,435	308,046	301,384	305,387	301,659	341,703	362,530	387,744	386,020	4,048,142	Section 3.2.2; Page 9.3; Ln. 109 x 1000	3
4	Transmission	47,724	43,396	42,705	41,990	41,533	40,635	41,175	40,672	40,400	42,863	45,844	45,640	514,578	Section 3.2.2; Page 9.3; Ln. 111 x 1000	4
5	Total	2,387,037	1,901,727	1,871,437	1,840,134	1,820,108	1,780,744	1,804,394	1,782,373	2,020,746	2,143,917	2,293,022	2,282,828	23,928,468	Sum Lines 2; 3; 4	5
6																6
7	Maximum On-Peak Demand Rates Per (\$/KW):															7
8	Secondary	\$ 1.2448086820	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820		Section 3.2.2; Page 13; Lines 11 & 12	8
9	Primary	\$ 1.2448086820	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820		Section 3.2.2; Page 13; Lines 11 & 12	9
10	Transmission	\$ 1.2448086820	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820		Section 3.2.2; Page 13; Lines 11 & 12	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 2,409,541	\$ 415,648	\$ 409,028	\$ 402,186	\$ 397,809	\$ 389,205	\$ 394,375	\$ 389,561	\$ 2,039,797	\$ 2,164,130	\$ 2,314,640	\$ 2,304,350	\$ 14,030,270	Line 2 x Line 8	13
14	Primary	502,456	87,070	85,683	84,250	83,333	81,531	82,613	81,605	425,354	451,281	482,667	480,521	2,928,364	Line 3 x Line 9	14
15	Transmission	59,407	11,740	11,553	11,359	11,236	10,993	11,139	11,003	50,291	53,356	57,067	56,813	335,955	Line 4 x Line 10	15
16	Total	\$ 2,971,404	\$ 514,457	\$ 506,263	\$ 497,795	\$ 492,378	\$ 481,729	\$ 488,127	\$ 482,169	\$ 2,515,442	\$ 2,668,767	\$ 2,854,373	\$ 2,841,684	\$ 17,314,589	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 2,971,404	\$ 514,457	\$ 506,263	\$ 497,795	\$ 492,378	\$ 481,729	\$ 488,127	\$ 482,169	\$ 2,515,442	\$ 2,668,767	\$ 2,854,373	\$ 2,841,684	\$ 17,314,589	Line 16	18
1	Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL- TOU, AL-TOU-DER and DG-R.															

Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Derived from the WHOLESALE Rates Developed in TO3-Cycle 5 2nd Compliance Filing
Proof of Revenues - Medium & Large C&I Customers
Maximum Demand @ Time of System Peak (Summer & Winter Rates)

Line No.	Description	Summer Sep-11	Winter Oct-11	Winter Nov-11	Winter Dec-11	Winter Jan-12	Winter Feb-12	Winter Mar-12	Winter Apr-12	Summer May-12	Summer Jun-12	Summer Jul-12	Summer Aug-12	Total	Reference	Line No.
1	Coincident Peak Demand (KW):															1
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.2; Page 9.4; Ln. 155 x 1000	2
3	Primary	13,373	11,538	11,541	11,544	11,548	11,551	11,555	11,558	13,404	13,408	13,412	13,416	147,848	Section 3.2.2; Page 9.4; Ln. 159 x 1000	3
4	Transmission	80,346	73,422	73,444	73,465	73,487	73,508	73,529	73,551	80,534	80,557	80,581	80,604	917,030	Section 3.2.2; Page 9.4; Ln. 161 x 1000	4
5	Total	93,720	84,960	84,985	85,010	85,034	85,059	85,084	85,109	93,938	93,966	93,993	94,020	1,064,878	Sum Lines 2; 3; 4	5
6																6
7	Coincident Peak Demand Rates Per (\$/KW):	S	W	W	W	W	W	W	W	S	S	S	S			7
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Section 3.2.2; Page 13; Lines 15 & 16	8
9	Primary	\$1.432112076	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$1.432112076	\$1.432112076	\$1.432112076	\$1.432112076		Section 3.2.2; Page 13; Lines 15 & 16	9
10	Transmission	\$1.432112076	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$0.282479192	\$1.432112076	\$1.432112076	\$1.432112076	\$1.432112076		Section 3.2.2; Page 13; Lines 15 & 16	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8	13
14	Primary	19,152	3,259	3,260	3,261	3,262	3,263	3,264	3,265	19,197	19,202	19,208	19,213	118,806	Line 3 x Line 9	14
15	Transmission	115,065	20,740	20,746	20,752	20,758	20,764	20,771	20,777	115,334	115,367	115,401	115,435	721,910	Line 4 x Line 10	15
16	Total	\$ 134,217	\$ 23,999	\$ 24,006	\$ 24,013	\$ 24,020	\$ 24,027	\$ 24,034	\$ 24,041	\$ 134,530	\$ 134,569	\$ 134,609	\$ 134,648	\$ 840,716	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 134,217	\$ 23,999	\$ 24,006	\$ 24,013	\$ 24,020	\$ 24,027	\$ 24,034	\$ 24,041	\$ 134,530	\$ 134,569	\$ 134,609	\$ 134,648	\$ 840,716	Line 16	18

¹ Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU.

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Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Derived from the WHOLESALe Rates Developed in TO3-Cycle 5 2nd Compliance Filing
Proof of Revenues - Medium & Large C&I Customers
Standby Customers

Line No.	Description	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															1
2	Secondary	14,021	14,021	14,021	14,021	14,021	14,021	14,021	14,021	14,021	14,021	14,021	14,021	168,249	Section 3.2.2; Page 9.4; Ln. 168 x 1000	2
3	Primary	84,300	84,300	84,300	84,300	84,300	84,300	84,300	84,300	84,300	84,300	84,300	84,300	1,011,597	Section 3.2.2; Page 9.4; Ln. 172 x 1000	3
4	Transmission	50,275	50,275	50,275	50,275	50,275	50,275	50,275	50,275	50,275	50,275	50,275	50,275	603,300	Section 3.2.2; Page 9.4; Ln. 174 x 1000	4
5	Total	148,595	148,595	148,595	148,595	148,595	148,595	148,595	148,595	148,595	148,595	148,595	148,595	1,783,145	Sum Lines 2; 3; 4	5
6																6
7	Demand Rates Per (\$/KW):															7
8	Secondary	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963	\$2.8390057963		Section 3.2.2; Page 13; Line 20	8
9	Primary	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974	\$2.8390057974		Section 3.2.2; Page 13; Line 20	9
10	Transmission	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975	\$2.8390057975		Section 3.2.2; Page 13; Line 20	10
11																11
12	Revenues at Present Rates:															12
13	Secondary	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 39,805	\$ 477,660	Line 2 x Line 8	13
14	Primary	239,327	239,327	239,327	239,327	239,327	239,327	239,327	239,327	239,327	239,327	239,327	239,327	2,871,928	Line 3 x Line 9	14
15	Transmission	142,731	142,731	142,731	142,731	142,731	142,731	142,731	142,731	142,731	142,731	142,731	142,731	1,712,772	Line 4 x Line 10	15
16	Total	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 5,062,360	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues at Present Rates	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 421,863	\$ 5,062,360	Line 16	18

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Section 3.2.2

San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011

Line No.	San Diego Gas & Electric														Line No.
FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011															
	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	
	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total		
1	SDG&E: System Delivery Determinants														1
2	Customer Class Deliveries (MWh)														2
3	Residential	742,692	630,385	607,894	676,957	740,162	654,615	624,214	576,135	566,235	594,769	678,999	723,479	7,816,536	3
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		4
5	Residential @ Transmission Level	776,633	659,194	635,674	707,894	773,987	684,531	652,741	602,465	592,112	621,950	710,029	756,542	8,173,752	5
6															6
7	Small Commercial	192,137	171,835	164,462	162,260	164,304	159,406	160,257	154,172	158,246	168,323	186,012	189,728	2,031,142	7
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		8
9	Small Commercial @ Transmission Level	200,918	179,688	171,978	169,675	171,813	166,691	167,581	161,218	165,478	176,015	194,513	198,399	2,123,966	9
10															10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	11
12	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627		12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	30,435	28,759	25,605	23,604	18,228	17,447	18,061	20,228	22,118	26,028	31,380	29,933	291,826	13
14															14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	15
16	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627		16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	949,036	845,931	832,457	818,533	809,625	792,115	802,635	792,839	803,406	852,377	911,657	907,605	10,118,213	17
18															18
19	Med. & Large Comm./Ind. (A6)	57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	19
20	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627	1.03627		20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	59,230	59,247	59,264	59,282	59,299	59,316	59,333	59,351	59,368	59,385	59,403	59,420	711,898	21
22															22
23	Lighting	9,514	9,522	9,530	9,538	9,533	9,538	9,543	9,549	9,554	9,559	9,567	9,574	114,521	23
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		24
25	Street Lighting @ Transmission Level	9,949	9,957	9,965	9,974	9,968	9,974	9,980	9,985	9,991	9,996	10,004	10,011	119,754	25
26															26
27	Sale for Resale	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	18.5	27
28	Total System Delivery@Meter Exclude Resale	1,946,693	1,712,996	1,667,108	1,718,628	1,770,103	1,662,030	1,643,246	1,581,743	1,587,959	1,677,622	1,841,936	1,884,849	20,694,913	28
29	Total System Delivery@Trans. Exclude Resale	2,026,200	1,782,776	1,734,943	1,788,962	1,842,919	1,730,074	1,710,330	1,646,086	1,652,472	1,745,751	1,916,986	1,961,909	21,539,409	29
30	Med. & Large Comm./Ind.														30
31	Rate Schedule Billing Determinants														31
32		S	W	W	W	W	W	W	W	S	S	S	S		32
33	Schedules AD/ PA-T-1:Applicable to 100% NCD	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	33
34	Total Deliveries (MWh)	29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	34
35															35
36	Total Deliveries (%)														36
37	% @ Secondary Service	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	89.32%	37
38	% @ Primary Service	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	38
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	39
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	40
41	Total Deliveries (MWh)														41
42	MWh @ Secondary Service	26,233	24,789	22,070	20,345	15,711	15,038	15,567	17,436	19,065	22,434	27,048	25,800	251,537	42
43	MWh @ Primary Service	3,137	2,964	2,639	2,433	1,879	1,798	1,861	2,085	2,280	2,682	3,234	3,085	30,076	43
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45		29,370	27,753	24,708	22,778	17,590	16,836	17,429	19,520	21,344	25,117	30,282	28,885	281,613	45

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011

Line No.															Line No.
46	Non-Coincident Demand (%)														46
47	% @ Secondary Service	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	0.3981%	47
48	% @ Primary Service	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	0.4715%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50															50
51	Non-Coincident Demand (MW)														51
52	MW @ Secondary Service	104.435	98.684	87.859	80.995	62.546	59.866	61.974	69.411	75.896	89.311	107.678	102.712	1,001.367	52
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	53
54	Non-Coincident Demand @ Transmission Level	109.208	103.194	91.874	84.697	65.405	62.602	64.806	72.583	79.364	93.392	112.599	107.405	1,047.129	54
55															55
56	MW @ Primary Service	14.790	13.975	12.442	11.470	8.858	8.478	8.776	9.830	10.748	12.648	15.249	14.546	141.810	56
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	57
58	Non-Coincident Demand @ Transmission Level	14.949	14.126	12.577	11.594	8.953	8.570	8.871	9.936	10.864	12.784	15.414	14.703	143.341	58
59															59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	119.225	112.660	100.301	92.465	71.404	68.344	70.750	79.241	86.644	101.959	122.927	117.257	1,143.176	61
62	Non-Coincident Demand @ Transmission Level	124.157	117.320	104.451	96.291	74.358	71.172	73.677	82.519	90.228	106.177	128.012	122.108	1,190.471	62
63															63
64															64
65	Schedules AL-TOU / AY-TOU / DG-R:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	65
66	Applicable to 90% NCD - Total Deliveries (MWh)	915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	66
67															67
68	Total Deliveries (%)														68
69	% @ Secondary Service	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	79.89%	69
70	% @ Primary Service	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	18.61%	70
71	% @ Transmission Service	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
73	Total Deliveries (MWh)														73
74	MWh @ Secondary Service	731,651	652,163	641,776	631,041	624,173	610,674	618,785	611,233	619,379	657,133	702,835	699,710	7,800,553	74
75	MWh @ Primary Service	170,435	151,918	149,499	146,998	145,398	142,254	144,143	142,384	144,282	153,076	163,722	162,994	1,817,102	75
76	MWh @ Transmission Service	13,737	12,245	12,050	11,848	11,719	11,466	11,618	11,476	11,629	12,338	13,196	13,138	146,462	76
77		915,823	816,326	803,324	789,887	781,291	764,394	774,546	765,093	775,290	822,547	879,753	875,842	9,764,116	77
78															78
79	Non-Coincident Demand (%)														79
80	% @ Secondary Service	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	0.2764%	80
81	% @ Primary Service	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	0.2323%	81
82	% @ Transmission Service	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	0.1982%	82
83															83
84	Non-Coincident Demand (MW)														84
85	MW @ Secondary Service	2,022.284	1,802.579	1,773.868	1,744.197	1,725.215	1,687.903	1,710.320	1,689.447	1,711.964	1,816.315	1,942.635	1,933.999	21,560.727	85
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	86
87	Non-Coincident Demand @ Transmission Level	2,114.703	1,884.957	1,854.933	1,823.907	1,804.057	1,765.040	1,788.482	1,766.655	1,790.201	1,899.320	2,031.414	2,022.383	22,546.052	87

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011

Line No.	San Diego Gas & Electric														Line No.
FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011															
88															88
89	MW @ Primary Service	395.920	352.906	347.285	341.476	337.760	330.455	334.844	330.757	335.166	355.595	380.326	378.636	4,221.128	89
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	90
91	Non-Coincident Demand @ Transmission Level	400.196	356.718	351.036	345.164	341.408	334.024	338.460	334.330	338.786	359.436	384.434	382.725	4,266.716	91
92															92
93	MW @ Transmission Service	27.227	24.269	23.883	23.483	23.228	22.725	23.027	22.746	23.049	24.454	26.155	26.039	290.287	93
94	Non-Coincident Demand @ Meter Level	2,445.432	2,179.755	2,145.036	2,109.157	2,086.203	2,041.084	2,068.192	2,042.950	2,070.180	2,196.364	2,349.117	2,338.674	26,072.142	94
95	Non-Coincident Demand @ Transmission Level	2,542.126	2,265.944	2,229.852	2,192.555	2,168.693	2,121.790	2,149.970	2,123.730	2,152.036	2,283.210	2,442.002	2,431.147	27,103.056	95
96															96
97	On-Peak Demand (%)														97
98	% @ Secondary Service	0.2530%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2253%	0.2530%	0.2530%	0.2530%	0.2530%	0.2374%	98
99	% @ Primary Service	0.2343%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2096%	0.2343%	0.2343%	0.2343%	0.2343%	0.2204%	99
100	% @ Transmission Service	0.3474%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3544%	0.3474%	0.3474%	0.3474%	0.3474%	0.3513%	100
101															101
102	On-Peak Demand (MW)	S	W	W	W	W	W	W	W	S	S	S	S	Total	102
103	MW @ Secondary Service	1,851.078	1,469.324	1,445.920	1,421.735	1,406.263	1,375.849	1,394.122	1,377.107	1,567.030	1,662.546	1,778.172	1,770.267	18,519.411	103
104	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	104
105	On-Peak Demand @ Transmission Level	1,935.672	1,536.472	1,511.999	1,486.709	1,470.529	1,438.725	1,457.833	1,440.041	1,638.643	1,738.524	1,859.434	1,851.168	19,365.748	105
106															106
107	MW @ Primary Service	399.329	318.421	313.349	308.108	304.755	298.164	302.124	298.436	338.052	358.657	383.601	381.895	4,004.889	107
108	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	108
109	On-Peak Demand @ Transmission Level	403.641	321.860	316.733	311.435	308.046	301.384	305.387	301.659	341.703	362.530	387.744	386.020	4,048.142	109
110															110
111	MW @ Transmission Service	47.724	43.396	42.705	41.990	41.533	40.635	41.175	40.672	40.400	42.863	45.844	45.640	514.578	111
112	On-Peak Demand @ Meter Level	2,298.130	1,831.140	1,801.974	1,771.834	1,752.551	1,714.648	1,737.420	1,716.216	1,945.482	2,064.066	2,207.617	2,197.803	23,038.878	112
113	On-Peak Demand @ Transmission Level	2,387.037	1,901.727	1,871.437	1,840.134	1,820.108	1,780.744	1,804.394	1,782.373	2,020.746	2,143.917	2,293.022	2,282.828	23,928.468	113
114															114
115															115
116	Schedule A6-TOU:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	116
117	Total Deliveries (MWh)	57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	117
118															118
119	Total Deliveries (%)														119
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	12.58%	121
122	% @ Transmission Service	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	87.42%	122
123		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	123
124	Total Deliveries (MWh)														124
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	7,190	7,192	7,195	7,197	7,199	7,201	7,203	7,205	7,207	7,209	7,211	7,213	86,423	126
127	MWh @ Transmission Service	49,967	49,981	49,996	50,010	50,025	50,040	50,054	50,069	50,083	50,098	50,113	50,127	600,562	127
128		57,157	57,174	57,190	57,207	57,224	57,240	57,257	57,274	57,290	57,307	57,324	57,341	686,985	128
129	Non-Coincident Demand (%)														129
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	0.2030%	131
132	% @ Transmission Service	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	0.1896%	132

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011

Line No.	San Diego Gas & Electric													Line No.	
FERC Forecast Sales @ Transmission Level for the Period: September 2010 - August 2011															
133														133	
134	Non-Coincident Demand (MW)													134	
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135	
136	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136	
137	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137	
138														138	
139	MW @ Primary Service	14.596	14.601	14.605	14.609	14.613	14.618	14.622	14.626	14.630	14.635	14.639	14.643	175.438	139
140	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	140	
141	Non-Coincident Demand @ Transmission Level	14.754	14.758	14.763	14.767	14.771	14.776	14.780	14.784	14.788	14.793	14.797	14.801	177.333	141
142														142	
143	MW @ Transmission Service	94.737	94.764	94.792	94.820	94.847	94.875	94.903	94.930	94.958	94.986	95.013	95.041	1,138.666	143
144	Non-Coincident Demand @ Meter Level	109.333	109.365	109.397	109.429	109.461	109.493	109.525	109.556	109.588	109.620	109.652	109.684	1,314.104	144
145	Non-Coincident Demand @ Transmission Level	109.491	109.523	109.555	109.587	109.619	109.651	109.682	109.714	109.746	109.778	109.810	109.842	1,315.999	145
146														146	
147	Coincident Peak Demand (%)													147	
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148
149	% @ Primary Service	0.1840%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1587%	0.1840%	0.1840%	0.1840%	0.1840%	0.1692%	149
150	% @ Transmission Service	0.1608%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1469%	0.1608%	0.1608%	0.1608%	0.1608%	0.1527%	150
151														151	
152	Coincident Peak Demand (MW)													152	
		S	W	W	W	W	W	W	W	S	S	S	S	Total	
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153
154	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	154	
155	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	155
156														156	
157	MW @ Primary Service	13.230	11.414	11.418	11.421	11.424	11.428	11.431	11.434	13.261	13.265	13.269	13.273	146.269	157
158	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	158	
159	Coincident Peak Demand@Transmission Level	13.373	11.538	11.541	11.544	11.548	11.551	11.555	11.558	13.404	13.408	13.412	13.416	147.848	159
160														160	
161	MW @ Transmission Service	80.346	73.422	73.444	73.465	73.487	73.508	73.529	73.551	80.534	80.557	80.581	80.604	917.030	161
162	Coincident Peak Demand@Meter Level	93.577	84.837	84.862	84.886	84.911	84.936	84.961	84.985	93.795	93.822	93.850	93.877	1,063.298	162
163	Coincident Peak Demand@Transmission Level	93.720	84.960	84.985	85.010	85.034	85.059	85.084	85.109	93.938	93.966	93.993	94.020	1,064.878	163
164	Schedule S: Standby Determinants:	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Total	164
165	Contracted Standby Demand (MW)													165	
166	MW @ Secondary Service	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	13.408	160.896	166
167	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	167	
168	Standby Demand @ Transmission Level	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	14.021	168.249	168
169														169	
170	MW @ Primary Service	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	83.399	1,000.788	170
171	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	171	
172	Standby Demand @ Transmission Level	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	84.300	1,011.597	172
173														173	
174	MW @ Transmission Service	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	50.275	603.300	174
175	Standby Demand@Meter Level	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	147.082	1,764.984	175
176	Standby Demand@Transmission Level	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	148.595	1,783.145	176
177														177	

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Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
Revenue Data to Reflect Present Rates from the WHOLESale Rates Developed in TO3-Cycle 5
For the Rate Effective Period September 2011 through August 2012
Billing Determinants @ Transmission Level

		(A)	(B)	(C)	(D)	(E)	(F)	(G)								
		Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Sub-Total								
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.				
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)					
1	Residential Customers ¹	776,633,348		659,194,072		635,674,292		707,894,455		773,987,228		684,531,179	4,237,914,575	-	1	
2															2	
3	Small Commercial ²	200,917,527		179,688,285		171,977,599		169,675,038		171,812,640		166,691,094	1,060,762,184	-	3	
4															4	
5	Medium-Large Commercial ³	1,038,700,835	2,775,774	933,936,902	2,492,787	917,325,490	2,443,858	901,418,456	2,398,432	887,151,168	2,352,670	868,877,333	2,302,612	5,547,410,183	14,766,132	5
6															6	
7	Street Lighting ⁴	9,948,567		9,957,022		9,965,492		9,973,978		9,968,329		9,973,962		59,787,350	-	7
8															8	
9	Sale for Resale ⁵	1,542		1,542		1,542		1,542		1,542		1,542		9,250	-	9
10															10	
11	Standby Customers ⁶		148,595		148,595		148,595		148,595		148,595		148,595	-	891,573	11
12																12
13	TOTAL	2,026,201,819	2,924,369	1,782,777,823	2,641,382	1,734,944,415	2,592,453	1,788,963,468	2,547,028	1,842,920,907	2,501,265	1,730,075,110	2,451,208	10,905,883,541	15,637,705	13
14																14
NOTES:																
¹	See Section 3.2.2; Page 9.1; Line 5 x 1000.															
²	See Section 3.2.2; Page 9.1; Line 9 x 1000.															
³	See Section 3.2.2; Pages 9.1; 9.2; 9.3; 9.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.															
⁴	See Section 3.2.2; Page 9.1; Line 25 x 1000.															
⁵	See Section 3.2.2; Page 9.1; Line 27 x 1000.															
⁶	See Section 3.2.2; Page 9.4; Line 176 x 1000.															

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Section 3.2.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
Revenue Data to Reflect Present Rates from the WHOLESale Rates Developed in TO3-Cycle 5
For the Rate Effective Period September 2011 through August 2012
Billing Determinants @ Transmission Level

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-12		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sub-Total		Grand Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	652,740,626		602,464,591		592,111,705		621,950,127		710,028,741		756,541,641		3,935,837,431	-	8,173,752,005	-	1
2																		2
3	Small Commercial ²	167,581,104		161,217,909		165,477,653		176,015,051		194,512,988		198,398,666		1,063,203,369	-	2,123,965,553	-	3
4																		4
5	Medium-Large Commercial ³	880,029,014	2,333,330	872,417,914	2,315,964	884,892,366	2,352,011	937,789,539	2,499,166	1,002,440,293	2,679,825	996,957,561	2,663,097	5,574,526,687	14,843,392	11,121,936,870	29,609,525	5
6																		6
7	Street Lighting ⁴	9,979,603		9,985,131		9,990,667		9,996,212		10,003,789		10,011,377		59,966,778	-	119,754,128	-	7
8																		8
9	Sale for Resale ⁵	1,542		1,542		1,542		1,542		1,542		1,542		9,250	-	18,500	-	9
10																		10
11	Standby Customers ⁶		148,595		148,595		148,595		148,595		148,595		148,595	-	891,573	-	1,783,145	11
12																		12
13	TOTAL	1,710,331,889	2,481,925	1,646,087,086	2,464,559	1,652,473,932	2,500,607	1,745,752,470	2,647,761	1,916,987,353	2,828,420	1,961,910,786	2,811,693	10,633,543,515	15,734,965	21,539,427,057	31,392,670	13
14																		14
NOTES:																		
1	See Section 3.2.2, Page 9.1; Line 5 x 1000.																	
2	See Section 3.2.2, Page 9.1; Line 9 x 1000.																	
3	See Section 3.2.2, Pages 9.1; 9.2; 9.3; 9.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.																	
4	See Section 3.2.2, Page 9.1; Line 25 x 1000.																	
5	See Section 3.2.2, Page 9.1; Line 27 x 1000.																	
6	See Section 3.2.2, Page 9.4; Line 176 x 1000.																	

Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Revenue Data to Reflect Present Rates from the WHOLESale Rates Developed in TO3-Cycle 5

For the Rate Effective Period September 2011 through August 2012

Total Billing Determinants @ Transmission Level

		(M)		
		12 Months to Date		
Line		Billing Determinants @ Transmission Level		Line
No.	Customer Classes	Energy (kWh)	Demand (kW)	No.
1	Residential Customers	8,173,752,005	-	1
2				2
3	Small Commercial	2,123,965,553	-	3
4				4
5	Medium-Large Commercial	11,121,936,870	29,609,525	5
6				6
7	Street Lighting	119,754,128	-	7
8				8
9	Sale for Resale	18,500		9
10				10
11	Standby Customers	-	1,783,145	11
12				12
13	TOTAL	21,539,427,057	31,392,670	13
14				14

Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

T04-Cycle 2 Annual Transmission Formulaic Rate Filing

Summary of T03-CYCLE-5 Wholesale Transmission Rates Based on T03-Cycle 5 2nd Compliance Filing Wholesale BTRR

Using T03-CYCLE-5 Forecast Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Demand Rates \$/kW-Mo	Primary Demand Rates \$/kW-Mo	Secondary Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0195248328				Section 3.2.2; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0231403620				Section 3.2.2; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 6.3884269595	\$ 6.3884269546	\$ 6.3884269550	Section 3.2.2; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 5.7495842636	\$ 5.7495842591	\$ 5.7495842595	Section 3.2.2; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	Section 3.2.2; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	Section 3.2.2; Page 7; Lines 32;33;34	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 1.4321120761	\$ 1.4321120761	\$ -	Section 3.2.2; Page 8; Lines 29;30;31	15
16	Winter		\$ 0.2824791915	\$ 0.2824791915	\$ -	Section 3.2.2; Page 9; Lines 32;33;34	16
17							17
18	Street Lighting	\$ 0.0123743031				Section 3.2.2; Page 10; Line 11	18
19							19
20	Standby Rate		\$ 2.8390057975	\$ 2.8390057974	\$ 2.8390057963	Section 3.2.2; Page 11; Lns 33;34;35	20

NOTES:

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

San Diego Gas & Electric Company

Section 3.2.2.1

Proof of Revenues that the Wholesale
Transmission Rates Derived in Section
3.2.1.1 will Generate the Total
Wholesale Cost of Service from Section
3.2.1.1

Docket No. ER15-____-____

Section 3.2.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

PROOF OF REVENUES Based on the WHOLESALE Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR

For the Rate Effective Period September 2012 through August 2013

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)		
Line No.	Customer Class	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Residential Customers	\$ 22,863,000	\$ 19,606,407	\$ 18,873,779	\$ 21,052,232	\$ 23,206,819	\$ 20,501,958	\$ 19,273,341	\$ 17,867,469	\$ 17,600,133	\$ 18,344,686	\$ 20,399,074	\$ 21,208,210	\$ 240,797,108	Section 3.2.2.1; Pages 2 & 3; Line 21	1
2																2
3	Small Commercial	6,867,085	6,085,268	5,833,992	5,694,367	5,932,667	5,732,728	5,700,475	5,544,651	5,553,940	5,947,695	6,440,631	6,419,285	71,752,783	Section 3.2.2.1; Pages 2 & 3; Line 23	3
4																4
5	Med-Lrg C&I @ 100% NCD	1,215,787	1,069,380	960,746	825,216	701,594	674,765	714,321	853,492	922,483	1,055,450	1,173,707	1,151,846	11,318,788	Section 3.2.2.1; Page 4; Line 21	5
6	Med-Lrg C&I @ 90% NCD	22,654,402	20,230,177	19,879,219	19,504,288	19,583,586	19,144,523	19,362,589	19,120,776	19,329,436	20,423,702	21,749,409	21,640,132	242,622,241	Section 3.2.2.1; Page 5; Line 30	6
7	Max On Peak Demand	4,414,050	760,866	747,002	732,192	735,311	717,970	726,566	717,010	3,737,285	3,959,807	4,229,405	4,207,121	25,684,583	Section 3.2.2.1; Page 6; Line 21	7
8	Max Dem-Time of System Peak	203,300	36,352	36,363	36,373	36,384	36,395	36,405	36,416	203,775	203,834	203,893	203,953	1,273,443	Section 3.2.2.1; Page 7; Line 21	8
9	Total Med-Lrg C&I	28,487,539	22,096,775	21,623,330	21,098,069	21,056,875	20,573,652	20,839,882	20,727,694	24,192,978	25,642,793	27,356,415	27,203,052	280,899,055	Sum Lines 5, 6, 7, 8	9
10																10
11	Street Lighting	186,558	186,520	186,481	186,442	187,305	187,415	187,525	187,635	187,745	187,856	187,966	188,076	2,247,525	Section 3.2.2.1; Pages 2 & 3; Line 27	11
12																12
13	Standby Revenues	685,461	685,461	685,461	685,461	685,461	685,461	685,461	685,461	685,461	685,461	685,461	685,461	8,225,534	Section 3.2.2.1; Page 8; Line 21	13
14																14
15	TOTAL Recorded	\$ 59,089,643	\$ 48,660,430	\$ 47,203,043	\$ 48,716,571	\$ 51,069,128	\$ 47,681,214	\$ 46,686,684	\$ 45,012,911	\$ 48,220,258	\$ 50,808,491	\$ 55,069,546	\$ 55,704,085	\$ 603,922,004	Sum Lines 1, 3, 9, 11, 13	15
NOTES:																
For the recorded revenues by customer class from September 2012 - August 2013, the transmission rates were based on the Wholesale Base Transmission Revenue Requirements of \$603.922 million from the Offer of Settlement Filing reached in Docket No. ER12-2454-002. The Offer of Settlement Filing was filed with the FERC on May 14, 2013, and approved on August 5, 2013. The derived rates were then applied to the forecast sales at transmission during the rate effective period to develop the recorded wholesale revenues.																

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Section 3.2.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

PROOF OF REVENUES Based on the WHOLESALE Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR

For the Rate Effective Period September 2012 through August 2013

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	781,063,048	-	669,808,856	-	644,780,268	-	719,202,218	-	792,808,865	-	700,403,354	-	4,308,066,610	-	1
2																2
3	Small Commercial	196,822,155	-	174,413,969	-	167,211,985	-	163,210,090	-	170,040,192	-	164,309,589	-	1,036,007,979	-	3
4																4
5	Medium-Large Commercial	1,016,257,707	2,725,108	909,104,850	2,431,812	891,378,406	2,380,322	871,946,598	2,323,302	872,199,255	2,319,635	852,788,833	2,266,483	5,413,675,649	14,446,662	5
6																6
7	Street Lighting	9,930,826	-	9,928,774	-	9,926,717	-	9,924,653	-	9,970,561	-	9,976,420	-	59,657,952	-	7
8																8
9	Standby Customers	-	158,426	-	158,426	-	158,426	-	158,426	-	158,426	-	158,426	-	950,556	9
10																10
11	TOTAL	2,004,073,736	2,883,534	1,763,256,450	2,590,239	1,713,297,374	2,538,748	1,764,283,559	2,481,729	1,845,018,874	2,478,061	1,727,478,196	2,266,483	10,817,408,190	15,397,218	11

Note: The above billing determinants are the forecast determinants from September 2012 through August 2013, which were converted from sales at meter level to sales at transmission level.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446				12
13																13
14	Small Commercial	\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951				14
15																15
16	Medium-Large Commercial															16
17																17
18	Street Lighting	\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815				18
19																19
20	Standby Customers															20

Note: The Wholesale Transmission Rates from September 2012 - August 2013 were derived using the Wholesale Base Transmission Revenue Requirements of \$603.922 million from TO3-Cycle 6, Offer of Settlement Filing in Docket No. ER12-2454-002, filed with the FERC on May 14, 2013 and approved on August 5, 2013.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 22,863,000		\$ 19,606,407		\$ 18,873,779		\$ 21,052,232		\$ 23,206,819		\$ 20,501,958		\$ 126,104,195	\$ -	21
22																22
23	Small Commercial	\$ 6,867,085		\$ 6,085,268		\$ 5,833,992		\$ 5,694,367		\$ 5,932,667		\$ 5,732,728		\$ 36,146,106	\$ -	23
24																24
25	Medium-Large Commercial	\$ -	\$28,487,539	\$ -	\$22,096,775	\$ -	\$21,623,330	\$ -	\$21,098,069	\$ -	\$21,056,875	\$ -	\$20,573,652	\$ -	\$134,936,241	25
26																26
27	Street Lighting	\$ 186,558		\$ 186,520		\$ 186,481		\$ 186,442		\$ 187,305		\$ 187,415		\$ 1,120,721	\$ -	27
28																28
29	Standby Customers		\$ 685,461		\$ 685,461		\$ 685,461		\$ 685,461		\$ 685,461		\$ 685,461		\$ 4,112,767	29
30																30
31	TOTAL	\$ 29,916,643	\$29,173,000	\$ 25,878,194	\$22,782,236	\$ 24,894,252	\$22,308,791	\$ 26,933,041	\$21,783,531	\$ 29,326,792	\$21,742,336	\$ 26,422,101	\$21,259,114	\$ 163,371,022	\$139,049,008	31
32																32
33	Grand Total		\$59,089,643		\$48,660,430		\$47,203,043		\$48,716,571		\$51,069,128		\$47,681,214		\$302,420,030	33

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 21 through 24.

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Section 3.2.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

PROOF OF REVENUES Based on the WHOLESALE Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR

For the Rate Effective Period September 2012 through August 2013

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-13		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Sub-Total		Grand Total		
Line No.	Customer Classes	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Line No.
1	Residential Customers	658,430,419	-	610,401,955	-	601,269,012	-	626,704,998	-	696,888,535	-	724,530,872	-	3,918,225,790	-	8,226,292,400	-	1
2																		2
3	Small Commercial	163,385,169	-	158,918,983	-	159,185,227	-	170,470,912	-	184,599,272	-	183,987,464	-	1,020,547,027	-	2,056,555,006	-	3
4																		4
5	Medium-Large Commercial	863,102,984	2,295,590	856,321,103	2,282,215	866,980,703	2,313,284	917,053,035	2,452,581	976,627,950	2,616,916	971,415,826	2,602,119	5,451,501,601	14,562,704	10,865,177,250	29,009,366	5
6																		6
7	Street Lighting	9,982,282	-	9,988,147	-	9,994,015	-	9,999,885	-	10,005,760	-	10,011,637	-	59,981,727	-	119,639,679	-	7
8																		8
9	Standby Customers	-	158,426	-	158,426	-	158,426	-	158,426	-	158,426	-	158,426	-	950,556	-	1,901,113	9
10																		10
11	TOTAL	1,694,900,854	2,454,016	1,635,630,188	2,440,641	1,637,428,956	2,471,710	1,724,228,829	2,611,007	1,868,121,517	2,775,342	1,889,943,799	2,760,545	10,450,256,144	15,513,261	21,267,664,334	30,910,479	11

Note: The above billing determinants are the forecast determinants from September 2012 through August 2013, which were converted from sales at meter level to sales at transmission level.

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-13		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Sub-Total		Grand-Total		
Line No.	Customer Classes	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Changed Transmission Rates Energy (kWh)	Changed Transmission Rates Demand (kW)	Line No.
12	Residential Customers	\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446				12
13																		13
14	Small Commercial	\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951				14
15																		15
16	Medium-Large Commercial																	16
17																		17
18	Street Lighting	\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815				18
19																		19
20	Standby Customers																	20

Note: The Wholesale Transmission Rates from September 2012 - August 2013 were derived using the Wholesale Base Transmission Revenue Requirements of \$603.922 million from TO3-Cycle 6, Offer of Settlement Filing in Docket No. ER12-2454-002, filed with the FERC on May 14, 2013 and approved on August 5, 2013.

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Mar-13		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Sub-Total		Grand-Total		
Line No.	Customer Classes	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Line No.
21	Residential Customers	\$ 19,273,341		\$ 17,867,469		\$ 17,600,133		\$ 18,344,686		\$ 20,399,074		\$ 21,208,210		\$ 114,692,913	\$ -	\$ 240,797,108	\$ -	21
22																		22
23	Small Commercial	\$ 5,700,475		\$ 5,544,651		\$ 5,553,940		\$ 5,947,695		\$ 6,440,631		\$ 6,419,285		\$ 35,606,677	\$ -	\$ 71,752,783	\$ -	23
24																		24
25	Medium-Large Commercial	\$ -	\$ 20,839,882	\$ -	\$ 20,727,694	\$ -	\$ 24,192,978	\$ -	\$ 25,642,793	\$ -	\$ 27,356,415	\$ -	\$ 27,203,052	\$ -	\$ 145,962,814	\$ -	\$ 280,899,055	25
26																		26
27	Street Lighting	\$ 187,525		\$ 187,635		\$ 187,745		\$ 187,856		\$ 187,966		\$ 188,076		\$ 1,126,804	\$ -	\$ 2,247,525	\$ -	27
28																		28
29	Standby Customers		\$ 685,461		\$ 685,461		\$ 685,461		\$ 685,461		\$ 685,461		\$ 685,461	\$ -	\$ 4,112,767	\$ -	\$ 8,225,534	29
30																		30
31	TOTAL	\$ 25,161,341	\$ 21,525,343	\$ 23,599,755	\$ 21,413,156	\$ 23,341,818	\$ 24,878,440	\$ 24,480,237	\$ 26,328,254	\$ 27,027,670	\$ 28,041,876	\$ 27,815,572	\$ 27,888,513	\$ 151,426,393	\$ 150,075,581	\$ 314,797,415	\$ 289,124,589	31
32																		32
33	Grand Total		\$ 46,686,684		\$ 45,012,911		\$ 48,220,258		\$ 50,808,491		\$ 55,069,546		\$ 55,704,085		\$ 301,501,974		\$ 603,922,004	33

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 21 through 24.

Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Based on the WHOLESALE Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR
Proof of Revenues - Medium & Large C&I Customers
Non-Coincident Demand @ 100%

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%:															1
2	Secondary	110,261	96,983	87,131	74,840	63,628	61,195	64,783	77,404	83,661	95,720	106,445	104,462	1,026,514	Section 3.2.2.1; Page 9.2; Ln. 54 x 1000	2
3	Primary	15,297	13,455	12,088	10,383	8,828	8,490	8,988	10,739	11,607	13,280	14,768	14,493	142,415	Section 3.2.2.1; Page 9.2; Ln. 58 x 1000	3
4	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.2.1; Page 9.2; Ln. 60 x 1000	4
5	Total	125,558	110,438	99,219	85,223	72,456	69,685	73,770	88,143	95,268	109,000	121,213	118,955	1,168,928	Sum Lines 2, 3; 4	5
6																6
7	Non-Coincident Demand Rates Per (\$/KW) @ 100%:¹															7
8	Secondary	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	Section 3.2.2.1; Page 13; Line 6	8
9	Primary	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	Section 3.2.2.1; Page 13; Line 6	9
10	Transmission	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	Section 3.2.2.1; Page 13; Line 6	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 1,067,663	\$ 939,094	\$ 843,695	\$ 724,677	\$ 616,117	\$ 592,556	\$ 627,293	\$ 749,508	\$ 810,094	\$ 926,861	\$ 1,030,711	\$ 1,011,513	\$ 9,939,781	Line 2 x Line 8	13
14	Primary	148,123	130,286	117,051	100,539	85,478	82,209	87,028	103,984	112,389	128,589	142,997	140,333	1,379,006	Line 3 x Line 9	14
15	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 10	15
16	Total	\$ 1,215,787	\$ 1,069,380	\$ 960,746	\$ 825,216	\$ 701,594	\$ 674,765	\$ 714,321	\$ 853,492	\$ 922,483	\$ 1,055,450	\$ 1,173,707	\$ 1,151,846	\$ 11,318,788	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 1,215,787	\$ 1,069,380	\$ 960,746	\$ 825,216	\$ 701,594	\$ 674,765	\$ 714,321	\$ 853,492	\$ 922,483	\$ 1,055,450	\$ 1,173,707	\$ 1,151,846	\$ 11,318,788	Line 19	18
19																19

¹ Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AD, PA-T-1.

Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
T04-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Based on the WHOLESALE Rates Developed Using the T03-Cycle 6 Offer of Settlement BTRR
Proof of Revenues - Medium & Large C&I Customers
Non-Coincident Demand @ 90%

Line No.	Description	Summer Sep-12	Winter Oct-12	Winter Nov-12	Winter Dec-12	Winter Jan-13	Winter Feb-13	Winter Mar-13	Winter Apr-13	Summer May-13	Summer Jun-13	Summer Jul-13	Summer Aug-13	Total	Reference	Line No.
1	Non-Coincident Demand (KW) Applied to 90%															1
2																2
3	Schedules AL-TOU / AY-TOU / DG-R	2,069,239	1,838,055	1,804,564	1,768,787	1,776,321	1,734,429	1,755,196	1,732,112	1,751,981	1,856,296	1,982,680	1,972,233	22,041,893	Section 3.2.2.1; Page 9.2; Ln. 87 x 1000	3
4	Schedule A6-TOU	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.2.1; Page 9.2; Ln. 137 x 1000	4
5	Total - Secondary	2,069,239	1,838,055	1,804,564	1,768,787	1,776,321	1,734,429	1,755,196	1,732,112	1,751,981	1,856,296	1,982,680	1,972,233	22,041,893	Sum Lines 3 and 4	5
6																6
7																7
8	Schedules AL-TOU / AY-TOU / DG-R:	394,247	350,200	343,819	337,003	338,438	330,457	334,413	330,015	333,801	353,676	377,755	375,765	4,199,591	Section 3.2.2.1; Page 9.2; Ln. 91 x 1000	8
9	Schedule A6-TOU	13,809	13,813	13,817	13,821	13,825	13,829	13,833	13,837	13,841	13,845	13,849	13,853	165,971	Section 3.2.2.1; Page 9.2; Ln. 141 x 1000	9
10	Total - Primary	408,056	364,013	357,636	350,824	352,263	344,286	348,246	343,852	347,642	367,521	391,604	389,618	4,365,562	Sum Lines 8 and 9	10
11																11
12																12
13	Schedules AL-TOU / AY-TOU / DG-R:	26,645	23,668	23,237	22,776	22,873	22,334	22,601	22,304	22,560	23,903	25,530	25,396	283,827	Section 3.2.2.1; Page 9.2; Ln. 93 x 1000	13
14	Schedule A6-TOU	95,610	95,637	95,665	95,693	95,721	95,749	95,777	95,805	95,833	95,861	95,889	95,917	1,149,156	Section 3.2.2.1; Page 9.2; Ln. 143 x 1000	14
15	Total - Transmission	122,255	119,305	118,902	118,469	118,594	118,083	118,378	118,109	118,392	119,764	121,419	121,312	1,432,983	Sum Lines 13 and 14	15
16	Total	2,599,549	2,321,374	2,281,102	2,238,080	2,247,179	2,196,797	2,221,820	2,194,072	2,218,016	2,343,581	2,495,703	2,483,164	27,840,438	Sum Lines 5; 10; 15	16
17																17
18																18
19	Non-Coincident Demand Rates Per (\$/KW) @ 90%:															19
20	Secondary	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456		Section 3.2.2.1; Page 13; Line 8; Secondary	20
21	Primary	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475		Section 3.2.2.1; Page 13; Line 9; Primary	21
22	Transmission	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460		Section 3.2.2.1; Page 13; Line 9; Transmission	22
23																23
24	Revenues @ Calculated Rates:															24
25	Secondary	\$ 18,032,882	\$ 16,018,179	\$ 15,726,311	\$ 15,414,521	\$ 15,480,184	\$ 15,115,102	\$ 15,296,079	\$ 15,094,906	\$ 15,268,066	\$ 16,177,143	\$ 17,278,542	\$ 17,187,504	\$ 192,089,420	Line 5 x Line 20	25
26	Primary	3,556,103	3,172,281	3,116,707	3,037,338	3,069,884	3,000,361	3,034,877	2,996,583	3,029,610	3,202,850	3,412,732	3,395,422	38,044,747	Line 9 x Line 21	26
27	Transmission	1,055,416	1,039,717	1,036,201	1,032,430	1,033,518	1,029,060	1,031,634	1,029,287	1,031,760	1,043,709	1,058,135	1,057,206	12,488,074	Line 13 x Line 22	27
28	Total	\$ 22,654,402	\$ 20,230,177	\$ 19,879,219	\$ 19,504,288	\$ 19,583,586	\$ 19,144,523	\$ 19,362,589	\$ 19,120,776	\$ 19,329,436	\$ 20,423,702	\$ 21,749,409	\$ 21,640,132	\$ 242,622,241	Sum Lines 25; 26; 27	28
29																29
30	Total Revenues @ Calculated Rates:	\$ 22,654,402	\$ 20,230,177	\$ 19,879,219	\$ 19,504,288	\$ 19,583,586	\$ 19,144,523	\$ 19,362,589	\$ 19,120,776	\$ 19,329,436	\$ 20,423,702	\$ 21,749,409	\$ 21,640,132	\$ 242,622,241	Line 28	30

¹ 90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER, DG-R and A6-TOU.

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Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Based on the WHOLESAL E Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR
Proof of Revenues - Medium & Large C&I Customers
Maximum On Peak Period Demand Rates (Summer & Winter Rates)

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	On-Peak Demand (KW):															1
2	Secondary	1,883,156	1,498,214	1,470,914	1,441,752	1,447,894	1,413,747	1,430,674	1,411,858	1,594,429	1,689,363	1,804,381	1,794,874	18,881,256	Section 3.2.2.1; Page 9.3; Ln. 105 x 1000	2
3	Primary	396,471	316,624	310,855	304,692	305,989	298,773	302,350	298,374	335,684	355,671	379,886	377,884	3,983,252	Section 3.2.2.1; Page 9.3; Ln. 109 x 1000	3
4	Transmission	41,435	36,188	35,529	34,824	34,973	34,148	34,557	34,102	35,082	37,171	39,702	39,492	437,202	Section 3.2.2.1; Page 9.3; Ln. 111 x 1000	4
5	Total	2,321,062	1,851,025	1,817,298	1,781,268	1,788,856	1,746,668	1,767,581	1,744,334	1,965,195	2,082,205	2,223,969	2,212,251	23,301,710	Sum Lines 2; 3; 4	5
6																6
7	Maximum On-Peak Demand Rates Per (\$/KW):															7
8	Secondary	\$ 1.9017375741	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741		Section 3.2.2.1; Page 13; Lines 11 & 12	8
9	Primary	\$ 1.9017375741	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741		Section 3.2.2.1; Page 13; Lines 11 & 12	9
10	Transmission	\$ 1.9017375741	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741		Section 3.2.2.1; Page 13; Lines 11 & 12	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 3,581,269	\$ 615,842	\$ 604,621	\$ 592,634	\$ 595,158	\$ 581,122	\$ 588,080	\$ 580,346	\$ 3,032,186	\$ 3,212,725	\$ 3,431,459	\$ 3,413,380	\$ 20,828,821	Line 2 x Line 8	13
14	Primary	753,983	130,149	127,777	125,244	125,777	122,811	124,281	122,647	638,382	676,392	722,443	718,637	4,388,524	Line 3 x Line 9	14
15	Transmission	78,798	14,875	14,604	14,315	14,376	14,037	14,205	14,018	66,717	70,689	75,502	75,104	467,238	Line 4 x Line 10	15
16	Total	\$ 4,414,050	\$ 760,866	\$ 747,002	\$ 732,192	\$ 735,311	\$ 717,970	\$ 726,566	\$ 717,010	\$ 3,737,285	\$ 3,959,807	\$ 4,229,405	\$ 4,207,121	\$ 25,684,583	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 4,414,050	\$ 760,866	\$ 747,002	\$ 732,192	\$ 735,311	\$ 717,970	\$ 726,566	\$ 717,010	\$ 3,737,285	\$ 3,959,807	\$ 4,229,405	\$ 4,207,121	\$ 25,684,583	Line 16	18

1 Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU, AL-TOU-DER and DG-R.

Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Based on the WHOLESale Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRK
Proof of Revenues - Medium & Large C&I Customers
Maximum Demand @ Time of System Peak (Summer & Winter Rates)

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Coincident Peak Demand (KW):															1
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.2.1; Page 9.4; Ln. 155 x 1000	2
3	Primary	11,494	11,082	11,085	11,088	11,091	11,095	11,098	11,101	11,521	11,524	11,528	11,531	135,238	Section 3.2.2.1; Page 9.4; Ln. 159 x 1000	3
4	Transmission	77,915	73,815	73,835	73,858	73,879	73,901	73,922	73,944	78,097	78,120	78,143	78,165	907,596	Section 3.2.2.1; Page 9.4; Ln. 161 x 1000	4
5	Total	89,409	84,897	84,921	84,946	84,971	84,996	85,020	85,045	89,618	89,644	89,670	89,697	1,042,834	Sum Lines 2; 3; 4	5
6																6
7	Coincident Peak Demand Rates Per (\$/KW):															7
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.2.1; Page 12; Lines 15 and 16	8
9	Primary	\$ 2.2738099052	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	Section 3.2.2.1; Page 12; Lines 15 and 16	9
10	Transmission	\$ 2.2738099052	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	Section 3.2.2.1; Page 12; Lines 15 and 16	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8	13
14	Primary	26,135	4,745	4,747	4,748	4,749	4,751	4,752	4,753	26,197	26,204	26,212	26,219	164,212	Line 3 x Line 9	14
15	Transmission	177,164	31,607	31,616	31,626	31,635	31,644	31,653	31,662	177,578	177,630	177,682	177,733	1,109,231	Line 4 x Line 10	15
16	Total	\$ 203,300	\$ 36,352	\$ 36,363	\$ 36,373	\$ 36,384	\$ 36,395	\$ 36,405	\$ 36,416	\$ 203,775	\$ 203,834	\$ 203,893	\$ 203,953	\$ 1,273,443	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 203,300	\$ 36,352	\$ 36,363	\$ 36,373	\$ 36,384	\$ 36,395	\$ 36,405	\$ 36,416	\$ 203,775	\$ 203,834	\$ 203,893	\$ 203,953	\$ 1,273,443	Line 16	18
	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU.															

Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
PROOF OF REVENUES Based on the WHOLESale Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR
Proof of Revenues - Medium & Large C&I Customers
Standby Customers

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															1
2	Secondary	12,044	12,044	12,044	12,044	12,044	12,044	12,044	12,044	12,044	12,044	12,044	12,044	144,532	Section 3.2.2.1; Page 9.4; Ln. 168 x 1000	2
3	Primary	86,826	86,826	86,826	86,826	86,826	86,826	86,826	86,826	86,826	86,826	86,826	86,826	1,041,908	Section 3.2.2.1; Page 9.4; Ln. 172 x 1000	3
4	Transmission	59,556	59,556	59,556	59,556	59,556	59,556	59,556	59,556	59,556	59,556	59,556	59,556	714,672	Section 3.2.2.1; Page 9.4; Ln. 174 x 1000	4
5	Total	158,426	158,426	158,426	158,426	158,426	158,426	158,426	158,426	158,426	158,426	158,426	158,426	1,901,113	Sum Lines 2; 3; 4	5
6																6
7	Demand Rates Per (\$/KW):															7
8	Secondary	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952	\$4.3266942952		Section 3.2.2.1; Page 13; Line 20	8
9	Primary	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980	\$4.3266942980		Section 3.2.2.1; Page 13; Line 20	9
10	Transmission	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985	\$4.3266942985		Section 3.2.2.1; Page 13; Line 20	10
11																11
12	Revenues at Present Rates:															12
13	Secondary	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 52,112	\$ 625,348	Line 2 x Line 8	13
14	Primary	375,668	375,668	375,668	375,668	375,668	375,668	375,668	375,668	375,668	375,668	375,668	375,668	4,508,019	Line 3 x Line 9	14
15	Transmission	257,681	257,681	257,681	257,681	257,681	257,681	257,681	257,681	257,681	257,681	257,681	257,681	3,092,167	Line 4 x Line 10	15
16	Total	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 8,225,534	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues at Present Rates	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 685,461	\$ 8,225,534	Line 16	18

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.		Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Total	Line No.
1	SDG&E: System Delivery Determinants														1
2	Customer Class Deliveries (MWh)	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	2
3	Residential	746,928	640,536	616,602	687,771	758,161	669,794	629,655	583,726	574,992	599,316	666,433	692,867	7,866,781	3
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		4
5	Residential @ Transmission Level	781,063	669,809	644,780	719,202	792,809	700,403	658,430	610,402	601,269	626,705	696,889	724,531	8,226,292	5
6														6	
7	Small Commercial	188,220	166,792	159,904	156,077	162,609	157,129	156,245	151,974	152,228	163,021	176,532	175,947	1,966,678	7
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		8
9	Small Commercial @ Transmission Level	196,822	174,414	167,212	163,210	170,040	164,310	163,385	158,919	159,185	170,471	184,599	183,987	2,056,555	9
10														10	
11	Med. & Large Comm./Ind. (AD + PA-T-1)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	11
12	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	30,847	27,132	24,376	20,937	17,801	17,120	18,124	21,655	23,405	26,779	29,779	29,224	287,178	13
14														14	
15	Med. & Large Comm./Ind. (AY + AL + DGR)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	15
16	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	925,993	822,538	807,550	791,540	794,912	776,165	785,458	775,128	784,019	830,701	887,258	882,583	9,863,845	17
18														18	
19	Med. & Large Comm./Ind. (A6)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	19
20	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	59,418	59,435	59,452	59,469	59,487	59,504	59,522	59,539	59,556	59,574	59,591	59,608	714,154	21
22														22	
23	Lighting	9,497	9,495	9,493	9,491	9,535	9,540	9,546	9,552	9,557	9,563	9,568	9,574	114,411	23
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		24
25	Street Lighting @ Transmission Level	9,931	9,929	9,927	9,925	9,971	9,976	9,982	9,988	9,994	10,000	10,006	10,012	119,640	25
26														26	
27	Sale for Resale	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	23.2	27
28	Total System Delivery@Meter Exclude Resale	1,925,666	1,694,405	1,646,470	1,695,052	1,772,261	1,659,682	1,628,622	1,571,880	1,573,697	1,657,155	1,795,297	1,816,121	20,436,308	28
29	Total System Delivery@Trans. Exclude Resale	2,004,074	1,763,256	1,713,297	1,764,284	1,845,019	1,727,478	1,694,901	1,635,630	1,637,429	1,724,229	1,868,122	1,889,946	21,267,664	29
30	Med. & Large Comm./Ind.													30	
31	Rate Schedule Billing Determinants													31	
32		S	W	W	W	W	W	W	W	S	S	S	S		32
33	Schedules AD / PA-T-1: Applicable to 100% NCD	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	33
34	Total Deliveries (MWh)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	34
35														35	
36	Total Deliveries (%)													36	
37	% @ Secondary Service	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	37
38	% @ Primary Service	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	38
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	39
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	40
41	Total Deliveries (MWh)													41	
42	MWh @ Secondary Service	26,776	23,551	21,159	18,174	15,451	14,861	15,732	18,797	20,316	23,244	25,849	25,367	249,277	42
43	MWh @ Primary Service	3,002	2,640	2,372	2,037	1,732	1,666	1,764	2,107	2,277	2,606	2,898	2,844	27,944	43
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45		29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221	45

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.	San Diego Gas & Electric														Line No.
FERC Forecast Sales @ Transmission Level for the Period: September 2012 - August 2013															
46	Non-Coincident Demand (%)														46
47	% @ Secondary Service	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	47
48	% @ Primary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	48	
0	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49	
1														50	
2	Non-Coincident Demand (MW)														51
3	MW @ Secondary Service	105.442	92.745	83.323	71.569	60.848	58.521	61.951	74.021	80.005	91.537	101.793	99.897	981.652	52
4	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	53	
5	Non-Coincident Demand @ Transmission Level	110.261	96.983	87.131	74.840	63.628	61.195	64.783	77.404	83.661	95.720	106.445	104.462	1,026.514	54
6														55	
7	MW @ Primary Service	15.134	13.311	11.959	10.272	8.733	8.399	8.892	10.624	11.483	13.138	14.610	14.338	140.893	56
8	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	57	
9	Non-Coincident Demand @ Transmission Level	15.297	13.455	12.088	10.383	8.828	8.490	8.988	10.739	11.607	13.280	14.768	14.493	142.415	58
10														59	
11	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60	
12	Non-Coincident Demand @ Meter Level	120.576	106.056	95.282	81.841	69.581	66.920	70.843	84.645	91.488	104.675	116.403	114.235	1,122.545	61
13	Non-Coincident Demand @ Transmission Level	125.558	110.438	99.219	85.223	72.456	69.685	73.770	88.143	95.268	109.000	121.213	118.955	1,168.928	62
14														63	
15														64	
16	Schedules AL-TOU / AY-TOU / DG-R:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	65
17	Applicable to 90% NCD - Total Deliveries (MWh)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	66
18														67	
19	Total Deliveries (%)														68
20	% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	69
21	% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	70
22	% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	71
23		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
24	Total Deliveries (MWh)														73
25	MWh @ Secondary Service	711,801	632,276	620,755	608,448	611,040	596,629	603,773	595,832	602,667	638,551	682,026	678,432	7,582,230	74
26	MWh @ Primary Service	169,213	150,307	147,569	144,643	145,259	141,833	143,532	141,644	143,269	151,799	162,134	161,280	1,802,482	75
27	MWh @ Transmission Service	12,872	11,434	11,226	11,003	11,050	10,789	10,918	10,775	10,898	11,547	12,334	12,269	137,114	76
28		893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826	77
29														78	
30	Non-Coincident Demand (%)														79
31	% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	80
32	% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	81
33	% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	82
34														83	
35	Non-Coincident Demand (MW)														84
36	MW @ Secondary Service	1,978.807	1,757.727	1,725.700	1,691.486	1,698.691	1,658.630	1,678.489	1,656.413	1,675.415	1,775.171	1,896.031	1,886.041	21,078.601	85
37	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	86	
38	Non-Coincident Demand @ Transmission Level	2,069.239	1,838.055	1,804.564	1,768.787	1,776.321	1,734.429	1,755.196	1,732.112	1,751.981	1,856.296	1,982.680	1,972.233	22,041.893	87

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.															Line No.
39															88
40	MW @ Primary Service	390.035	346.459	340.146	333.402	334.822	326.926	330.840	326.489	330.234	349.897	373.719	371.750	4,154.720	89
41	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		90
42	Non-Coincident Demand @ Transmission Level	394.247	350.200	343.819	337.003	338.438	330.457	334.413	330.015	333.801	353.676	377.755	375.765	4,199.591	91
43															92
44	MW @ Transmission Service	26.645	23.668	23.237	22.776	22.873	22.334	22.601	22.304	22.560	23.903	25.530	25.396	283.827	93
45	Non-Coincident Demand @ Meter Level	2,395.487	2,127.854	2,089.082	2,047.664	2,056.387	2,007.889	2,031.930	2,005.206	2,028.209	2,148.971	2,295.281	2,283.187	25,517.148	94
46	Non-Coincident Demand @ Transmission Level	2,490.131	2,211.924	2,171.620	2,128.566	2,137.633	2,087.219	2,112.210	2,084.431	2,108.342	2,233.875	2,385.965	2,373.394	26,525.311	95
47															96
48	On-Peak Demand (%)														97
49	% @ Secondary Service	0.2530%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2530%	0.2530%	0.2530%	0.2530%	0.2381%	98
50	% @ Primary Service	0.2318%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2318%	0.2318%	0.2318%	0.2318%	0.2186%	99
51	% @ Transmission Service	0.3219%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3219%	0.3219%	0.3219%	0.3219%	0.3189%	100
52															101
53	On-Peak Demand (MW)	S	W	W	W	W	W	W	W	S	S	S	S	Total	102
54	MW @ Secondary Service	1,800.857	1,432.737	1,406.631	1,378.743	1,384.617	1,351.962	1,368.149	1,350.156	1,524.748	1,615.533	1,725.525	1,716.433	18,056.092	103
55	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		104
56	On-Peak Demand @ Transmission Level	1,883.156	1,498.214	1,470.914	1,441.752	1,447.894	1,413.747	1,430.674	1,411.858	1,594.429	1,689.363	1,804.381	1,794.874	18,881.256	105
57															106
58	MW @ Primary Service	392.235	313.241	307.533	301.436	302.720	295.581	299.120	295.186	332.097	351.870	375.827	373.847	3,940.692	107
59	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		108
60	On-Peak Demand @ Transmission Level	396.471	316.624	310.855	304.692	305.989	298.773	302.350	298.374	335.684	355.671	379.886	377.884	3,983.252	109
61															110
62	MW @ Transmission Service	41.435	36.188	35.529	34.824	34.973	34.148	34.557	34.102	35.082	37.171	39.702	39.492	437.202	111
63	On-Peak Demand @ Meter Level	2,234.526	1,782.166	1,749.693	1,715.004	1,722.309	1,681.691	1,701.826	1,679.444	1,891.927	2,004.574	2,141.053	2,129.772	22,433.987	112
64	On-Peak Demand @ Transmission Level	2,321.062	1,851.025	1,817.298	1,781.268	1,788.856	1,746.668	1,767.581	1,744.334	1,965.195	2,082.205	2,223.969	2,212.251	23,301.710	113
65															114
66															115
67	Schedule A6-TOU:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	116
68	Total Deliveries (MWh)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	117
69															118
70	Total Deliveries (%)														119
71	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
72	% @ Primary Service	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	121
73	% @ Transmission Service	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	122
74		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	123
75	Total Deliveries (MWh)														124
76	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	125
77	MWh @ Primary Service	7,089	7,091	7,093	7,096	7,098	7,100	7,102	7,104	7,106	7,108	7,110	7,112	85,209	126
78	MWh @ Transmission Service	50,268	50,283	50,297	50,312	50,327	50,341	50,356	50,371	50,385	50,400	50,415	50,429	604,183	127
79		57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392	128
80	Non-Coincident Demand (%)														129
81	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
82	% @ Primary Service	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	131
83	% @ Transmission Service	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	132

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.	San Diego Gas & Electric														Line No.
FERC Forecast Sales @ Transmission Level for the Period: September 2012 - August 2013															
84															133
85	Non-Coincident Demand (MW)														134
86	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
87	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136
88	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137
89															138
90	MW @ Primary Service	13.661	13.665	13.669	13.673	13.677	13.681	13.685	13.689	13.693	13.697	13.701	13.705	164.197	139
91	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	140
92	Non-Coincident Demand @ Transmission Level	13.809	13.813	13.817	13.821	13.825	13.829	13.833	13.837	13.841	13.845	13.849	13.853	165.971	141
93															142
94	MW @ Transmission Service	95.610	95.637	95.665	95.693	95.721	95.749	95.777	95.805	95.833	95.861	95.889	95.917	1,149.156	143
95	Non-Coincident Demand @ Meter Level	109.271	109.303	109.334	109.366	109.398	109.430	109.462	109.494	109.526	109.558	109.590	109.622	1,313.353	144
96	Non-Coincident Demand @ Transmission Level	109.418	109.450	109.482	109.514	109.546	109.578	109.610	109.642	109.674	109.706	109.738	109.770	1,315.127	145
97															146
98	Coincident Peak Demand (%)														147
99	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148
100	% @ Primary Service	0.1604%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1604%	0.1604%	0.1604%	0.1604%	0.1570%	149
101	% @ Transmission Service	0.1550%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1550%	0.1550%	0.1550%	0.1550%	0.1502%	150
102															151
103	Coincident Peak Demand (MW)	S	W	W	W	W	W	W	W	S	S	S	S	Total	152
104	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153
105	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	154
106	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	155
107															156
108	MW @ Primary Service	11.371	10.963	10.967	10.970	10.973	10.976	10.979	10.983	11.398	11.401	11.405	11.408	133.793	157
109	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	158
110	Coincident Peak Demand@Transmission Level	11.494	11.082	11.085	11.088	11.091	11.095	11.098	11.101	11.521	11.524	11.528	11.531	135.238	159
111															160
112	MW @ Transmission Service	77.915	73.815	73.836	73.858	73.879	73.901	73.922	73.944	78.097	78.120	78.143	78.165	907.596	161
113	Coincident Peak Demand@Meter Level	89.287	84.778	84.803	84.828	84.852	84.877	84.902	84.927	89.495	89.521	89.547	89.573	1,041.389	162
114	Coincident Peak Demand@Transmission Level	89.409	84.897	84.921	84.946	84.971	84.996	85.020	85.045	89.618	89.644	89.670	89.697	1,042.834	163
115	Schedule S: Standby Determinants:	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	164
116	Contracted Standby Demand (MW)														165
117	MW @ Secondary Service	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	11.518	138.216	166
118	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	167
119	Standby Demand @ Transmission Level	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	12.044	144.532	168
120															169
121	MW @ Primary Service	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	85.898	1,030.776	170
122	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	171
123	Standby Demand @ Transmission Level	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	86.826	1,041.908	172
124															173
125	MW @ Transmission Service	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	59.556	714.672	174
126	Standby Demand@Meter Level	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	156.972	1,883.664	175
127	Standby Demand@Transmission Level	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	158.426	1,901.113	176
128															177

10101

Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
PROOF OF REVENUES Based on the WHOLESALe Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR
For the Rate Effective Period September 2012 through August 2013
Billing Determinants @ Transmission Level

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(G)		Line No.
		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
		Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Sub-Total								
1	Residential Customers ¹	781,063,048		669,808,856		644,780,268		719,202,218		792,808,865		700,403,354		4,308,066,610	-	1
2																2
3	Small Commercial ²	196,822,155		174,413,969		167,211,985		163,210,090		170,040,192		164,309,589		1,036,007,979	-	3
4																4
5	Medium-Large Commercial ³	1,016,257,707	2,725,108	909,104,850	2,431,812	891,378,406	2,380,322	871,946,598	2,323,302	872,199,255	2,319,635	852,788,833	2,266,483	5,413,675,649	14,446,662	5
6																6
7	Street Lighting ⁴	9,930,826		9,928,774		9,926,717		9,924,653		9,970,561		9,976,420		59,657,952	-	7
8																8
9	Sale for Resale ⁵	1,931		1,931		1,931		1,931		1,931		1,931		11,588	-	9
10																10
11	Standby Customers ⁶		158,426		158,426		158,426		158,426		158,426		158,426	-	950,556	11
12																12
13	TOTAL	2,004,075,667	2,883,534	1,763,258,381	2,590,239	1,713,299,306	2,538,748	1,764,285,491	2,481,729	1,845,020,805	2,478,061	1,727,480,127	2,424,909	10,817,419,777	15,397,218	13
14																14

NOTES:

¹ See Section 3.2.2.1; Page 9.1; Line 5 x 1000.

² See Section 3.2.2.1; Page 9.1; Line 9 x 1000.

³ See Section 3.2.2.1; Pages 9.1; 9.2; 9.3; 9.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.

⁴ See Section 3.2.2.1; Page 9.1; Line 25 x 1000.

⁵ See Section 3.2.2.1; Page 9.1; Line 27 x 1000.

⁶ See Section 3.2.2.1; Page 9.4; Line 176 x 1000.

Section 3.2.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
PROOF OF REVENUES Based on the WHOLESALE Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR
For the Rate Effective Period September 2012 through August 2013
Billing Determinants @ Transmission Level

		(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)									
		Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sub-Total	Grand Total									
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.						
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)							
1	Residential Customers ¹	658,430,419		610,401,955		601,269,012		626,704,998		696,888,535		724,530,872		3,918,225,790	-	8,226,292,400	-	1
2																		2
3	Small Commercial ²	163,385,169		158,918,983		159,185,227		170,470,912		184,599,272		183,987,464		1,020,547,027	-	2,056,555,006	-	3
4																		4
5	Medium-Large Commercial ³	863,102,984	2,295,590	856,321,103	2,282,215	866,980,703	2,313,284	917,053,035	2,452,581	976,627,950	2,616,916	971,415,826	2,602,119	5,451,501,601	14,562,704	10,865,177,250	29,009,366	5
6																		6
7	Street Lighting ⁴	9,982,282		9,988,147		9,994,015		9,999,885		10,005,760		10,011,637		59,981,727	-	119,639,679	-	7
8																		8
9	Sale for Resale ⁵	1,931		1,931		1,931		1,931		1,931		1,931		11,588	-	23,175	-	9
10																		10
11	Standby Customers ⁶		158,426		158,426		158,426		158,426		158,426		158,426	-	950,556	-	1,901,113	11
12																		12
13	TOTAL	1,694,902,786	2,454,016	1,635,632,119	2,440,641	1,637,430,888	2,471,710	1,724,230,761	2,611,007	1,868,123,448	2,775,342	1,889,947,731	2,760,545	10,450,267,732	15,513,261	21,267,687,509	30,910,479	13
14																		14
NOTES:																		
1	See Section 3.2.2.1; Page 9.1; Line 5 x 1000.																	
2	See Section 3.2.2.1; Page 9.1; Line 9 x 1000.																	
3	See Section 3.2.2.1; Pages 9.1; 9.2; 9.3; 9.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.																	
4	See Section 3.2.2.1; Page 9.1; Line 25 x 1000.																	
5	See Section 3.2.2.1; Page 9.1; Line 27 x 1000.																	
6	See Section 3.2.2.1; Page 9.4; Line 176 x 1000.																	

Section 3.2.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

PROOF OF REVENUES Based on the WHOLESale Rates Developed Using the TO3-Cycle 6 Offer of Settlement BTRR

For the Rate Effective Period September 2012 through August 2013

Total Billing Determinants @ Transmission Level

		(M)		
		12 Months to Date		
Line No.	Customer Classes	Billing Determinants @ Transmission Level Energy (kWh)	Demand (kW)	Line No.
1	Residential Customers	8,226,292,400	-	1
2				2
3	Small Commercial	2,056,555,006	-	3
4				4
5	Medium-Large Commercial	10,865,177,250	29,009,366	5
6				6
7	Street Lighting	119,639,679	-	7
8				8
9	Sale for Resale	23,175		9
10				10
11	Standby Customers	-	1,901,113	11
12				12
13	TOTAL	21,267,687,509	30,910,479	13
14				14

Section 3.2.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Summary of TO3-CYCLE-6 Wholesale Transmission Rates Based on TO3-Cycle 6 Offer of Settlement Wholesale BTRR

Using TO3-CYCLE-6 Forecast Billing Determinants

Line No.	Customer Classes	Energy Rates \$/kWh	Transmission Demand Rates \$/kW-Mo	Primary Demand Rates \$/kW-Mo	Secondary Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0292716446				Section 3.2.1.1; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0348897951				Section 3.2.1.1; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 9.6830469400	\$ 9.6830469417	\$ 9.6830469396	Section 3.2.1.1; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 8.7147422460	\$ 8.7147422475	\$ 8.7147422456	Section 3.2.1.1; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	Section 3.2.1.1; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	Section 3.2.1.1; Page 7; Lines 32;33;34	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 2.2738099052	\$ 2.2738099052	\$ -	Section 3.2.1.1; Page 8; Lines 29;30;31	15
16	Winter		\$ 0.4281951597	\$ 0.4281951597	\$ -	Section 3.2.1.1; Page 9; Lines 32;33;34	16
17							17
18	Street Lighting	\$ 0.0187857815				Section 3.2.1.1; Page 10; Line 11	18
19							19
20	Standby Rate		\$ 4.3266942985	\$ 4.3266942980	\$ 4.3266942952	Section 3.2.1.1; Page 11; Lns 33;34;35	20

NOTES:

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

000105

San Diego Gas & Electric Company

Section 3.2.3

Derivation of CAISO Wholesale
Recorded Revenues During the
(April 2012 – March 2013) Segment of
the 17-Month True-Up Period
Using SDG&E's CAISO Retail Rates
from Cycles 5 and 6.

Docket No. ER015-____ - ____

Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TQ4-Cycle 2 Annual Transmission Formulaic Rate Filing

SUMMARY of Derived Revenues at Present Rates from the WHOLESALÉ Rates Developed in Cycle 5 and Cycle 6

For the 12-Month Period April 2012 through March 2013

True-Up Period (4/1/2012 - 3/31/2013)

Line No.	Customer Class	(A) Cycle 5 Apr-12	(B) Cycle 5 May-12	(C) Cycle 5 Jun-12	(D) Cycle 5 Jul-12	(E) Cycle 5 Aug-12	(F) Cycle 6 Sep-12	(G) Cycle 6 Oct-12	(H) Cycle 6 Nov-12	(I) Cycle 6 Dec-12	(J) Cycle-6 Jan-13	(K) Cycle 6 Feb-13	(L) Cycle 6 Mar-13	(M) Total	(N) Reference	Line No.
1	Residential Customers	\$ 11,579,348	\$ 10,999,257	\$ 11,229,896	\$ 12,067,029	\$ 13,795,723	\$ 24,729,129	\$ 21,785,771	\$ 17,816,067	\$ 19,766,541	\$ 22,848,587	\$ 19,228,926	\$ 18,036,493	\$ 203,882,767	Section 3.2.3; Pages 2 & 3; Line 21	1
2																2
3	Small Commercial	3,809,169	3,839,372	4,145,552	4,217,799	4,550,139	7,594,167	6,914,259	6,128,799	6,187,125	6,130,666	6,056,368	5,850,470	65,423,885	Section 3.2.3; Pages 2 & 3; Line 23	3
4																4
5	Med-Lrg C&I @ 100% NCD	559,778	544,447	633,862	589,390	606,914	824,175	1,191,450	764,299	1,052,609	770,937	886,897	845,247	9,270,005	Section 3.2.3; Page 4; Line 18	5
6	Med-Lrg C&I @ 90% NCD	11,552,291	12,034,623	12,994,438	12,254,088	13,148,134	22,184,477	21,512,049	19,415,924	19,646,139	17,249,425	19,162,865	17,061,532	198,215,985	Section 3.2.3; Page 5; Line 27	6
7	Max On Peak Demand	432,481	2,171,381	2,537,180	2,447,417	2,602,311	4,484,591	864,867	723,439	717,115	643,467	706,451	631,444	18,962,144	Section 3.2.3; Page 6; Line 18	7
8	Max Dem-Time of System Peak	19,828	113,265	151,668	108,254	118,462	196,484	49,142	33,016	34,733	40,400	35,533	31,345	932,130	Section 3.2.3; Page 7; Line 18	8
9	Total Med-Lrg C&I	12,564,378	14,863,716	16,317,148	15,399,149	16,475,821	27,689,727	23,617,508	20,936,678	21,450,596	18,704,229	20,791,746	18,569,568	227,380,264	Sum Lines 5, 6, 7, 8	9
10																10
11	Street Lighting	141,746	130,739	66,235	132,505	42,259	156,332	155,027	169,318	202,504	121,220	183,682	133,212	1,634,777	Section 3.2.3; Pages 2 & 3; Line 27	11
12																12
13	Standby Revenues	451,616	454,102	469,381	471,594	476,445	726,513	727,248	722,186	722,422	722,587	723,022	724,351	7,391,467	Section 3.2.3; Page 8; Line 18	13
14																14
15	TOTAL Recorded	\$ 28,546,257	\$ 30,287,186	\$ 32,228,213	\$ 32,288,076	\$ 35,340,386	\$ 60,895,868	\$ 53,199,812	\$ 45,773,048	\$ 48,329,187	\$ 48,527,289	\$ 46,983,743	\$ 43,314,095	\$ 505,713,160	Sum Lines 1, 3, 9, 11, 13	15
NOTES:																
For the recorded revenues by customer class for the 17-month Final True-Up Adjustment, April 2012 - August 2013, the Transmission Rates were based on the CAISO-Wholesale Base Transmission Revenue Requirements approved in the Cycle 5 Order on Compliance Filing and the Cycle 6 Offer of Settlement Filing approved in FERC Dockets ER11-4318-001 and ER12-2454-002, respectively. The derived transmission rates at the Transmission Level were then applied to the recorded sales at transmission level in developing the recorded Wholesale revenues at transmission level for the 17-month Final True-Up period, April 2012 - August 2013.																

Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

SUMMARY of Derived Revenues at Present Rates from the WHOLESALE Rates Developed in Cycle 5 and Cycle 6

For the 12-Month Period April 2012 through March 2013

True-Up Period (4/1/2012 - 3/31/2013)

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sep-12		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	593,057,478	-	563,347,051	-	575,159,666	-	618,034,957	-	706,573,163	-	844,815,140	-	3,900,987,455	-	1
2																2
3	Small Commercial	164,611,471	-	165,916,689	-	179,148,115	-	182,270,213	-	196,632,138	-	217,661,557	-	1,106,240,183	-	3
4																4
5	Medium-Large Commercial	810,803,664	2,096,863	835,856,219	2,178,353	921,240,301	2,359,286	877,402,255	2,223,559	917,126,657	2,381,799	1,028,133,613	2,630,742	5,390,562,710	13,870,602	5
6																6
7	Street Lighting	11,454,860	-	10,565,360	-	5,352,631	-	10,708,065	-	3,415,024	-	8,321,826	-	49,817,766	-	7
8																8
9	Standby Customers	-	159,075	-	159,951	-	165,333	-	166,112	-	167,821	-	167,914	-	986,207	9
10																10
11	TOTAL	1,579,927,472	2,255,938	1,575,685,319	2,338,304	1,680,900,714	2,524,619	1,688,415,490	2,389,671	1,823,746,982	2,549,621	2,098,932,136	2,630,742	10,447,608,113	14,856,809	11

Note: The above billing determinants are the recorded determinants from April 2012 through September 2012. The recorded sales are translated from retail to transmission level.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sep-12		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0195248328		\$ 0.0292716446				12
13																13
14	Small Commercial	\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0231403620		\$ 0.0348897951				14
15																15
16	Medium-Large Commercial															16
17																17
18	Street Lighting	\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0123743031		\$ 0.0187857815				18
19																19
20	Standby Customers															20

Note: The wholesale transmission rates from April 2012 - September 2012 were derived from the Wholesale Base Transmission Revenue Requirements of \$404.443 million from TO3-Cycle 5 Docket No. ER11-4318-002 filed in the second Compliance Filing at the FERC on October 12, 2012. The Wholesale BTRR of \$603.922 million for Cycle 6 came from the Offer of Settlement Filing. See Section 3.2.1, Page 12, for Cycle 5, and Section 3.2.1.I, for Cycle 6, Page 12, Summary of Retail Rates at Transmission.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sep-12		Sub-Total		
		Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	Revenues @ Present Rates	
21	Residential Customers	\$ 11,579,348		\$ 10,999,257		\$ 11,229,896		\$ 12,067,029		\$ 13,795,723		\$ 24,729,129		\$ 84,400,382	\$ -	21
22																22
23	Small Commercial	\$ 3,809,169		\$ 3,839,372		\$ 4,145,552		\$ 4,217,799		\$ 4,550,139		\$ 7,594,167		\$ 28,156,198	\$ -	23
24																24
25	Medium-Large Commercial	\$ -	\$12,564,378	\$ -	\$14,863,716	\$ -	\$16,317,148	\$ -	\$15,399,149	\$ -	\$16,475,821	\$ -	\$27,689,727	\$ -	\$103,309,939	25
26																26
27	Street Lighting	\$ 141,746		\$ 130,739		\$ 66,235		\$ 132,505		\$ 42,259		\$ 156,332		\$ 669,815	\$ -	27
28																28
29	Standby Customers		\$ 451,616		\$ 454,102		\$ 469,381		\$ 471,594		\$ 476,445		\$ 726,513	\$ -	\$ 3,049,651	29
30																30
31	TOTAL	\$ 15,530,263	\$13,015,994	\$ 14,969,368	\$15,317,818	\$ 15,441,684	\$16,786,529	\$ 16,417,333	\$15,870,743	\$ 18,388,120	\$16,952,266	\$ 32,479,628	\$28,416,240	\$ 113,226,396	\$106,359,590	31
32																32
33	Grand Total		\$28,546,257		\$30,287,186		\$32,228,213		\$32,288,076		\$35,340,386		\$60,895,868		\$219,585,986	33

Note: The revenues above were derived by multiplying the above rates and billing determinants, except for Medium & Large C-1 and Standby Customers, where these revenues are derived on pages 4 through 7.

Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESALE Rates Developed in Cycle 5 and Cycle 6
For the 12-Month Period April 2012 through March 2013
True-Up Period (4/1/2012 - 3/31/2013)

Line No.	Customer Classes	(H) Oct-12		(I) Nov-12		(J) Dec-12		(K) Jan-13		(L) Feb-13		(M) Mar-13		(N) Sub-Total		(O) Grand-Total		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	744,261,940	-	608,645,906	-	675,279,479	-	780,570,659	-	656,913,073	-	616,176,285	-	4,081,847,341	-	7,982,834,795	-	1
2																		2
3	Small Commercial	198,174,244	-	175,661,659	-	177,333,362	-	175,715,165	-	173,585,645	-	167,684,280	-	1,068,154,355	-	2,174,394,538	-	3
4																		4
5	Medium-Large Commercial	975,051,511	2,591,511	874,181,195	2,306,872	898,678,027	2,363,063	809,014,375	2,058,956	881,075,469	2,290,495	774,626,851	2,045,070	5,212,627,428	13,655,967	10,603,190,138	27,526,569	5
6																		6
7	Street Lighting	8,252,337	-	9,013,079	-	10,779,616	-	6,452,758	-	9,777,692	-	7,091,130	-	51,366,611	-	101,184,377	-	7
8																		8
9	Standby Customers	-	168,084	-	166,914	-	166,969	-	167,007	-	167,107	-	167,414	-	1,003,495	-	1,989,701	9
10																		10
11	TOTAL	1,925,740,032	2,759,595	1,667,501,839	2,473,786	1,762,070,483	2,530,032	1,771,752,957	2,225,962	1,721,351,879	2,457,602	1,565,578,546	2,212,484	10,413,995,735	14,659,461	20,861,603,848	29,516,271	11

Note: The above billing determinants are the recorded determinants from April 2012 through September 2012. The recorded sales are translated from retail to transmission level.

Line No.	Customer Classes	(H) Oct-12		(I) Nov-12		(J) Dec-12		(K) Jan-13		(L) Feb-13		(M) Mar-13		(N) Sub-Total		(O) Grand-Total		Line No.
		Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Transmission Rates @ Present Energy (kWh)	Transmission Rates @ Present Demand (kW)	Changed Transmission Rates Energy (kWh)	Changed Transmission Rates Demand (kW)	
12	Residential Customers	\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446						12
13																		13
14	Small Commercial	\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951						14
15																		15
16	Medium-Large Commercial																	16
17																		17
18	Street Lighting	\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815						18
19																		19
20	Standby Customers																	20

Note: The wholesale transmission rates from April 2012 - September 2012 were derived from the Wholesale Base Transmission Revenue Requirements of \$404.443 million from TO3-Cycle 5 Docket No. ER11-4318-002 filed in the second Compliance Filing at the FERC on October 12, 2012. The Wholesale BTRR of \$603.922 million for Cycle 6 came from the Offer of Settlement Filing. See Section 3.2.1, Page 12, for Cycle 5, and Section 3.2.1.1, for Cycle 6, Page 12, Summary of Retail Rates at Transmission.

Line No.	Customer Classes	(H) Oct-12		(I) Nov-12		(J) Dec-12		(K) Jan-13		(L) Feb-13		(M) Mar-13		(N) Sub-Total		(O) Grand-Total		Line No.
		Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Present Rates Energy (kWh)	Revenues @ Present Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	
21	Residential Customers	\$ 21,785,771		\$ 17,816,067		\$ 19,766,541		\$ 22,848,587		\$ 19,228,926		\$ 18,036,493		\$ 119,482,385	\$ -	\$ 203,882,767	\$ -	21
22																		22
23	Small Commercial	\$ 6,914,259		\$ 6,128,799		\$ 6,187,125		\$ 6,130,666		\$ 6,056,368		\$ 5,850,470		\$ 37,267,687	\$ -	\$ 65,423,885	\$ -	23
24																		24
25	Medium-Large Commercial	\$ -	\$ 23,617,508	\$ -	\$ 20,936,678	\$ -	\$ 21,450,596	\$ -	\$ 18,704,229	\$ -	\$ 20,791,746	\$ -	\$ 18,569,568	\$ -	\$ 124,070,325	\$ -	\$ 227,380,264	25
26																		26
27	Street Lighting	\$ 155,027		\$ 169,318		\$ 202,504		\$ 121,220		\$ 183,682		\$ 133,212		\$ 964,962	\$ -	\$ 1,634,777	\$ -	27
28																		28
29	Standby Customers		\$ 727,248		\$ 722,186		\$ 722,422		\$ 722,587		\$ 723,022		\$ 724,351	\$ -	\$ 4,341,816	\$ -	\$ 7,391,467	29
30																		30
31	TOTAL	\$ 28,855,056	\$ 24,344,756	\$ 24,114,184	\$ 21,658,864	\$ 26,156,169	\$ 22,173,018	\$ 29,100,473	\$ 19,426,816	\$ 25,468,975	\$ 21,514,768	\$ 24,020,176	\$ 19,293,919	\$ 157,715,033	\$ 128,412,141	\$ 270,941,429	\$ 234,771,731	31
32																		32
33	Grand Total		\$ 53,199,812		\$ 45,773,048		\$ 48,329,187		\$ 48,527,289		\$ 46,983,743		\$ 43,314,095		\$ 286,127,174		\$ 505,713,160	33

Note: The revenues above were derived by multiplying the above rates and billing determinants, except for Medium & Large C-I and Standby Customers, where these revenues are derived on pages 4 through 7.

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Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 5 and Cycle 6
For the 12-Month Period April 2012 through March 2013
True-Up Period (4/1/2012 - 3/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 5 Apr-12	Cycle 5 May-12	Cycle 5 Jun-12	Cycle 5 Jul-12	Cycle 5 Aug-12	Cycle 6 Sep-12	Cycle 6 Oct-12	Cycle 6 Nov-12	Cycle 6 Dec-12	Cycle 6 Jan-13	Cycle 6 Feb-13	Cycle 6 Mar-13	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%:															1
2	Secondary	78,807	74,542	85,448	81,624	85,916	91,645	85,366	75,059	86,419	70,950	81,803	76,571	974,149	Section 3.2.3; Page 14.2; Ln. 54 x 1000	2
3	Primary	8,817	10,682	13,772	10,635	9,086	(6,530)	37,679	3,873	22,288	8,668	9,790	10,720	139,480	Section 3.2.3; Page 14.2; Ln. 58 x 1000	3
4	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.3; Page 14.2; Ln. 60 x 1000	4
5	Total	87,624	85,224	99,220	92,259	95,002	85,115	123,045	78,932	108,706	79,617	91,593	87,291	1,113,629	Sum Lines 2; 3; 4	5
6																6
7	Non-Coincident Demand Rates Per (\$/KW) @ 100%: ¹															7
8	Secondary	\$6.3884269550	\$6.3884269550	\$6.3884269550	\$6.3884269550	\$6.3884269550	\$9.6830469396	\$9.6830469396	\$9.6830469396	\$9.6830469396	\$9.6830469396	\$9.6830469396	\$9.6830469396		Section 3.2.3; Pages 9 & 10; Line 6	8
9	Primary	\$6.3884269546	\$6.3884269546	\$6.3884269546	\$6.3884269546	\$6.3884269546	\$9.6830469417	\$9.6830469417	\$9.6830469417	\$9.6830469417	\$9.6830469417	\$9.6830469417	\$9.6830469417		Section 3.2.3; Pages 9 & 10; Line 6	9
10	Transmission	\$6.3884269595	\$6.3884269595	\$6.3884269595	\$6.3884269595	\$6.3884269595	\$9.6830469400	\$9.6830469400	\$9.6830469400	\$9.6830469400	\$9.6830469400	\$9.6830469400	\$9.6830469400		Section 3.2.3; Pages 9 & 10; Line 6	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 503,453	\$ 476,205	\$ 545,878	\$ 521,449	\$ 548,871	\$ 887,402	\$ 826,601	\$ 726,801	\$ 856,795	\$ 687,009	\$ 792,098	\$ 741,441	\$ 8,094,003	Line 2 x Line 8	13
14	Primary	36,325	68,242	87,984	67,941	58,043	(63,227)	364,849	37,498	215,814	83,928	94,799	103,806	1,176,002	Line 3 x Line 9	14
15	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 10	15
16	Total	\$ 559,778	\$ 544,447	\$ 633,862	\$ 589,390	\$ 606,914	\$ 824,175	\$ 1,191,450	\$ 764,299	\$ 1,052,609	\$ 770,937	\$ 886,897	\$ 845,247	\$ 9,270,005	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 559,778	\$ 544,447	\$ 633,862	\$ 589,390	\$ 606,914	\$ 824,175	\$ 1,191,450	\$ 764,299	\$ 1,052,609	\$ 770,937	\$ 886,897	\$ 845,247	\$ 9,270,005	Line 16	18

¹ Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AD, PA-T-1.

Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
T04-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESALE Rates Developed in Cycle 5 and Cycle 6
For the 12-Month Period April 2012 through March 2013
True-Up Period (4/1/2012 - 3/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 5 Apr-12	Cycle 5 May-12	Cycle 5 Jun-12	Cycle 5 Jul-12	Cycle 5 Aug-12	Cycle 6 Sep-12	Cycle 6 Oct-12	Cycle 6 Nov-12	Cycle 6 Dec-12	Cycle 6 Jan-13	Cycle 6 Feb-13	Cycle 6 Mar-13	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 90%:															1
2																2
3	Schedules AL-TOU / AY-TOU / DG-R	1,598,632	1,668,775	1,796,927	1,681,768	1,835,461	2,032,596	1,951,513	1,749,262	1,803,287	1,563,013	1,737,026	1,542,464	20,940,724	Section 3.2.3; Page 14.2; Ln. 87 x 1000	3
4	Schedule A6-TOU	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.3; Page 14.4; Ln. 137 x 1000	4
5	Secondary	1,598,632	1,668,775	1,796,927	1,681,768	1,835,461	2,032,596	1,931,513	1,749,262	1,803,287	1,563,013	1,737,026	1,542,464	20,940,724	Sum Lines 3 and 4	5
6																6
7	Schedules AL-TOU / AY-TOU / DG-R:	301,275	301,604	318,008	334,488	329,560	376,239	375,389	326,350	335,070	273,494	315,825	293,398	3,880,703	Section 3.2.3; Page 14.3; Ln. 91 x 1000	7
8	Schedule A6-TOU	13,404	16,428	31,319	4,564	20,828	23,984	10,862	14,124	30,856	13,203	25,083	16,744	221,400	Section 3.2.3; Page 14.4; Ln. 141 x 1000	8
9	Primary	314,680	318,033	349,327	339,052	350,389	400,224	386,251	340,473	365,927	286,698	340,909	310,142	4,102,102	Sum Lines 7 and 8	9
10																10
11	Schedules AL-TOU / AY-TOU / DG-R:	20,428	19,918	19,893	20,074	21,193	25,993	25,271	39,079	(6,481)	39,772	25,774	21,272	272,186	Section 3.2.3; Page 14.2; Ln. 93 x 1000	11
12	Schedule A6-TOU	75,500	86,403	93,919	90,406	79,755	86,814	125,432	99,125	91,624	89,856	95,193	83,900	1,097,928	Section 3.2.3; Page 14.3; Ln. 143 x 1000	12
13	Transmission	95,927	106,322	113,812	110,480	100,948	112,807	150,703	138,205	85,143	129,628	120,967	105,172	1,370,114	Sum Lines 11 and 12	13
14	Total	2,009,239	2,093,129	2,260,066	2,131,300	2,286,797	2,545,626	2,468,466	2,227,940	2,254,357	1,979,339	2,198,902	1,957,778	26,412,940	Sum Lines 5; 9; 13	14
15																15
16	Non-Coincident Demand Rates Per (\$/KW) @ 90%:															16
17	Secondary	\$ 5.7495842595	\$ 5.7495842595	\$ 5.7495842595	\$ 5.7495842595	\$ 5.7495842595	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456		Section 3.2.3; Pgs. 9 & 10; Line 8	17
18	Primary	\$ 5.7495842591	\$ 5.7495842591	\$ 5.7495842591	\$ 5.7495842591	\$ 5.7495842591	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475		Section 3.2.3; Pgs. 9 & 10; Line 8	18
19	Transmission	\$ 5.7495842636	\$ 5.7495842636	\$ 5.7495842636	\$ 5.7495842636	\$ 5.7495842636	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460		Section 3.2.3; Pgs. 9 & 10; Line 8	19
20																20
21	Revenues @ Calculated Rates:															21
22	Secondary	\$ 9,191,472	\$ 9,594,763	\$ 10,331,582	\$ 9,669,465	\$ 10,553,135	\$ 17,713,548	\$ 16,832,636	\$ 15,244,369	\$ 15,715,181	\$ 13,621,251	\$ 15,137,738	\$ 13,442,178	\$ 157,047,318	Line 5 x Line 17	22
23	Primary	1,809,277	1,828,555	2,008,485	1,949,409	2,014,588	3,487,845	3,366,075	2,967,137	3,188,958	2,498,495	2,970,931	2,702,807	30,792,562	Line 9 x Line 18	23
24	Transmission	551,542	611,305	654,371	635,214	580,411	983,084	1,313,338	1,204,418	742,000	1,129,679	1,054,196	916,547	10,376,105	Line 13 x Line 19	24
25	Total	\$ 11,552,291	\$ 12,034,623	\$ 12,994,438	\$ 12,254,088	\$ 13,148,134	\$ 22,184,477	\$ 21,512,049	\$ 19,415,924	\$ 19,646,139	\$ 17,249,425	\$ 19,162,865	\$ 17,061,532	\$ 198,215,985	Sum Lines 22; 23; 24	25
26																26
27	Total Revenues @ Calculated Rates:	\$ 11,552,291	\$ 12,034,623	\$ 12,994,438	\$ 12,254,088	\$ 13,148,134	\$ 22,184,477	\$ 21,512,049	\$ 19,415,924	\$ 19,646,139	\$ 17,249,425	\$ 19,162,865	\$ 17,061,532	\$ 198,215,985	Line 25	27

90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER; DG-R and A6-TOU.

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Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
T04-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 5 and Cycle 6
For the 12-Month Period April 2012 through March 2013
True-Up Period (4/1/2012 - 3/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 5 Apr-12	Cycle 5 May-12	Cycle 5 Jun-12	Cycle 5 Jul-12	Cycle 5 Aug-12	Cycle 6 Sep-12	Cycle 6 Oct-12	Cycle 6 Nov-12	Cycle 6 Dec-12	Cycle 6 Jan-13	Cycle 6 Feb-13	Cycle 6 Mar-13	Total	Reference	Line No.
1	On-Peak Demand (KW):															1
2	Secondary	1,288,897	1,415,029	1,678,566	1,573,144	1,725,991	1,927,619	1,697,912	1,413,083	1,454,498	1,236,854	1,391,387	1,234,083	18,037,063	Section 3.2.3; Page 14.3; Ln. 105 x 1000	2
3	Primary	278,089	294,603	328,196	347,093	337,037	391,865	371,725	296,127	301,964	246,183	287,476	267,298	3,747,656	Section 3.2.3; Page 14.3; Ln. 109 x 1000	3
4	Transmission	31,709	34,717	31,447	45,861	27,503	38,671	34,402	50,765	(11,875)	82,382	39,782	34,788	440,150	Section 3.2.3; Page 14.3; Ln. 111 x 1000	4
5	Total	1,598,695	1,744,349	2,038,209	1,966,099	2,090,531	2,358,155	2,104,039	1,759,974	1,744,587	1,565,419	1,718,645	1,536,168	22,224,870	Sum Lines 2; 3; 4	5
6																6
7	Maximum On-Peak Demand Rates Per \$/KW:	W	S	S	S	S	S	W	W	W	W	W	W			7
8	Secondary	\$ 0.2705210620	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.9017375741	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	Section 3.2.3; Page 9 & 10; Lines 11 & 12	8
9	Primary	\$ 0.2705210620	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.9017375741	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	Section 3.2.3; Page 9 & 10; Lines 11 & 12	9
10	Transmission	\$ 0.2705210620	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	\$ 1.9017375741	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	Section 3.2.3; Page 9 & 10; Lines 11 & 12	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 348,674	\$ 1,761,440	\$ 2,089,494	\$ 1,958,264	\$ 2,148,529	\$ 3,665,825	\$ 697,928	\$ 580,849	\$ 597,873	\$ 508,410	\$ 571,931	\$ 507,271	\$ 15,436,488	Line 2 x Line 8	13
14	Primary	75,229	366,725	408,541	432,064	419,546	745,225	152,798	121,723	124,123	101,194	118,168	109,873	3,175,209	Line 3 x Line 9	14
15	Transmission	8,578	43,216	39,145	57,089	34,236	73,541	14,141	20,867	(4,881)	33,863	16,352	14,300	350,447	Line 4 x Line 10	15
16	Total	\$ 432,481	\$ 2,171,381	\$ 2,537,180	\$ 2,447,417	\$ 2,602,311	\$ 4,484,591	\$ 864,867	\$ 723,439	\$ 717,115	\$ 643,467	\$ 706,451	\$ 631,444	\$ 18,962,144	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 432,481	\$ 2,171,381	\$ 2,537,180	\$ 2,447,417	\$ 2,602,311	\$ 4,484,591	\$ 864,867	\$ 723,439	\$ 717,115	\$ 643,467	\$ 706,451	\$ 631,444	\$ 18,962,144	Line 16	18
19																19

Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER and DG-R.

Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 5 and Cycle 6
For the 12-Month Period April 2012 through March 2013
True-Up Period (4/1/2012 - 3/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 5 Apr-12	Cycle 5 May-12	Cycle 5 Jun-12	Cycle 5 Jul-12	Cycle 5 Aug-12	Cycle 6 Sep-12	Cycle 6 Oct-12	Cycle 6 Nov-12	Cycle 6 Dec-12	Cycle 6 Jan-13	Cycle 6 Feb-13	Cycle 6 Mar-13	Total	Reference	Line No.
1	Coincident Peak Demand (KW):															1
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.3; Page 14.4; Ln. 140 x 1000	2
3	Primary	11,377	13,011	29,399	10,979	16,032	14,454	8,435	4,866	14,309	11,267	12,034	8,063	154,224	Section 3.2.3; Page 14.4; Ln. 144 x 1000	3
4	Transmission	58,813	66,079	76,507	64,611	66,687	71,958	106,330	72,241	66,807	83,082	70,948	65,140	869,201	Section 3.2.3; Page 14.4; Ln. 146 x 1000	4
5	Total	70,190	79,089	105,905	75,590	82,719	86,412	114,764	77,106	81,116	94,349	82,982	73,203	1,023,424	Sum Lines 2; 3; 4	5
6																6
7	Coincident Peak Demand Rates Per (\$/KW):	W	S	S	S	S	S	W	W	W	W	W	W			7
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3; Page 9 & 10; Lines 15 & 16	8
9	Primary	\$ 0.2824791915	\$ 1.4321120761	\$ 1.4321120761	\$ 1.4321120761	\$ 1.4321120761	\$ 2.2738099052	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	Section 3.2.3; Page 9 & 10; Lines 15 & 16	9
10	Transmission	\$ 0.2824791915	\$ 1.4321120761	\$ 1.4321120761	\$ 1.4321120761	\$ 1.4321120761	\$ 2.2738099052	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	\$ 0.4281951597	Section 3.2.3; Page 9 & 10; Lines 15 & 16	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8	13
14	Primary	3,214	18,633	42,102	15,724	22,959	32,865	3,612	2,083	6,127	4,825	5,153	3,453	160,750	Line 3 x Line 9	14
15	Transmission	16,614	94,632	109,566	92,530	95,503	163,619	45,530	30,933	28,606	35,575	30,380	27,892	771,380	Line 4 x Line 10	15
16	Total	\$ 19,828	\$ 113,265	\$ 151,668	\$ 108,254	\$ 118,462	\$ 196,484	\$ 49,142	\$ 33,016	\$ 34,733	\$ 40,400	\$ 35,533	\$ 31,345	\$ 932,130	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 19,828	\$ 113,265	\$ 151,668	\$ 108,254	\$ 118,462	\$ 196,484	\$ 49,142	\$ 33,016	\$ 34,733	\$ 40,400	\$ 35,533	\$ 31,345	\$ 932,130	Line 16	18
1	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU.															

Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESALe Rates Developed in Cycle 5 and Cycle 6
For the 12-Month Period April 2012 through March 2013
True-Up Period (4/1/2012 - 3/31/2013)
Standby Customers

Line No.	Description	Cycle 5 Apr-12	Cycle 5 May-12	Cycle 5 Jun-12	Cycle 5 Jul-12	Cycle 5 Aug-12	Cycle 6 Sep-12	Cycle 6 Oct-12	Cycle 6 Nov-12	Cycle 6 Dec-12	Cycle 6 Jan-13	Cycle 6 Feb-13	Cycle 6 Mar-13	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															1
2	Secondary	12,044	12,044	12,043	12,140	11,702	11,640	11,640	10,470	10,744	10,744	10,744	10,744	136,697	Section 3.2.3; Page 14.4; Ln. 153 x 1000	2
3	Primary	86,834	86,732	92,138	93,297	95,453	95,506	95,592	95,592	95,186	95,186	95,243	95,550	1,122,309	Section 3.2.3; Page 14.4; Ln. 157 x 1000	3
4	Transmission	60,197	61,175	61,151	60,676	60,666	60,768	60,852	60,852	61,039	61,077	61,121	61,121	730,695	Section 3.2.3; Page 14.4; Ln. 159 x 1000	4
5	Total	159,075	159,951	165,333	166,112	167,821	167,914	168,084	166,914	166,969	167,007	167,107	167,414	1,989,701	Sum Lines 2; 3; 4	5
6																6
7	Demand Rates Per (\$/KW):	W	S	S	S	S	S	W	W	W	W	W	W			7
8	Secondary	\$ 2.8390057963	\$ 2.8390057963	\$ 2.8390057963	\$ 2.8390057963	\$ 2.8390057963	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952		Section 3.2.3; Page 9 & 10; Line 20	8
9	Primary	\$ 2.8390057974	\$ 2.8390057974	\$ 2.8390057974	\$ 2.8390057974	\$ 2.8390057974	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980		Section 3.2.3; Page 9 & 10; Line 20	9
10	Transmission	\$ 2.8390057975	\$ 2.8390057975	\$ 2.8390057975	\$ 2.8390057975	\$ 2.8390057975	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985		Section 3.2.3; Page 9 & 10; Line 20	10
11																11
12	Revenues at Present Rates:															12
13	Secondary	\$ 34,194	\$ 34,194	\$ 34,191	\$ 34,464	\$ 33,223	\$ 50,361	\$ 50,361	\$ 45,299	\$ 46,484	\$ 46,484	\$ 46,484	\$ 46,484	\$ 502,223	Line 2 x Line 8	13
14	Primary	246,322	246,232	261,582	264,870	270,991	413,227	413,399	413,399	411,841	411,841	412,086	413,415	4,179,805	Line 3 x Line 9	14
15	Transmission	170,900	173,676	173,608	172,260	172,231	262,925	263,288	263,288	264,097	264,262	264,452	264,452	2,709,439	Line 4 x Line 10	15
16	Total	\$ 451,616	\$ 454,102	\$ 469,381	\$ 471,594	\$ 476,445	\$ 726,513	\$ 727,248	\$ 722,186	\$ 722,422	\$ 722,587	\$ 723,022	\$ 724,351	\$ 7,391,467	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues at Present Rates	\$ 451,616	\$ 454,102	\$ 469,381	\$ 471,594	\$ 476,445	\$ 726,513	\$ 727,248	\$ 722,186	\$ 722,422	\$ 722,587	\$ 723,022	\$ 724,351	\$ 7,391,467	Line 16	18

Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Summary of TO3-CYCLE-5 Wholesale Transmission Rates Based on TO3-CYCLE-5 Wholesale Cost of Service

Using TO3-CYCLE-5 Forecast Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Level Demand Rates \$/kW-Mo	Primary Level Demand Rates \$/kW-Mo	Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0195248328				Section 3.2.1; Page 12; Line 1	1
2							2
3	Small Commercial	\$ 0.0231403620				Section 3.2.1; Page 12; Line 3	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 6.3884269595	\$ 6.3884269546	\$ 6.3884269550	Section 3.2.1; Page 12; Line 6	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 5.7495842636	\$ 5.7495842591	\$ 5.7495842595	Section 3.2.1; Page 12; Line 8	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.2448086820	\$ 1.2448086820	\$ 1.2448086820	Section 3.2.1; Page 12; Line 11	11
12	Winter		\$ 0.2705210620	\$ 0.2705210620	\$ 0.2705210620	Section 3.2.1; Page 12; Line 12	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 1.4321120761	\$ 1.4321120761	\$ -	Section 3.2.1; Page 12; Line 15	15
16	Winter		\$ 0.2824791915	\$ 0.2824791915	\$ -	Section 3.2.1; Page 12; Line 16	16
17							17
18	Street Lighting	\$ 0.0123743031				Section 3.2.1; Page 12; Line 18	18
19							19
20	Standby Rate		\$ 2.8390057975	\$ 2.8390057974	\$ 2.8390057963	Section 3.2.1; Page 12; Line 20	20

NOTES:

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R.

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

**Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY**

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Revenue Data to Reflect Present Rates from the WHOLESALÉ Rates Developed in Cycle 5 and Cycle 6

Billing Determinants @ Transmission Level

True-Up Period (4/1/2012 - 8/31/2013)

		(A)		(B)		(C)		(D)		(E)		(F)		(G)		
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		Sep-12		Sub-Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	593,057,478		563,347,051		575,159,666		618,034,957		706,573,163		844,815,140		3,900,987,455	-	1
2																2
3	Small Commercial ²	164,611,471		165,916,689		179,148,115		182,270,213		196,632,138		217,661,557		1,106,240,183	-	3
4																4
5	Medium-Large Commercial ³	810,803,664	2,096,863	835,856,219	2,178,353	921,240,301	2,359,286	877,402,255	2,223,559	917,126,657	2,381,799	1,028,133,613	2,630,742	5,390,562,710	13,870,602	5
6																6
7	Street Lighting ⁴	11,454,860		10,565,360		5,352,631		10,708,065		3,415,024		8,321,826		49,817,766	-	7
8																8
9	Sale for Resale ⁵	-		2,615		1,444		(3,132)		813		-		1,740	-	9
10																10
11	Standby Customers ⁶		159,075		159,951		165,333		166,112		167,821		167,914	-	986,207	11
12																12
13	TOTAL	1,579,927,472	2,255,938	1,575,687,934	2,338,304	1,680,902,158	2,524,619	1,688,412,358	2,389,671	1,823,747,795	2,549,621	2,098,932,136	2,798,656	10,447,609,853	14,856,809	13
14																14
NOTES:																
1	See Section 3.2.3; Page 14.1; Line 5 x 1000.															
2	See Section 3.2.3; Page 14.1; Line 9 x 1000.															
3	See Section 3.2.3; Pages 14.1; 14.2; 14.3; 14.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.															
4	See Section 3.2.3; Page 14.1; Line 25 x 1000.															
5	See Section 3.2.3; Page 14.1; Line 27 x 1000.															
6	See Section 3.2.3; Page 14.4; Line 176 x 1000.															

Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
Revenue Data to Reflect Present Rates from the WHOLESale Rates Developed in Cycle 5 and Cycle 6
Billing Determinants @ Transmission Level
True-Up Period (4/1/2012 - 3/31/2013)

Line No.	Customer Classes	(H) Oct-12		(I) Nov-12		(J) Dec-12		(K) Jan-13		(L) Feb-13		(M) Mar-13		(N) Sub-Total		(O) Grand Total		Line No.
		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	744,261,940		608,645,906		675,279,479		780,570,659		656,913,073		616,176,285		4,081,847,341	-	7,982,834,795	-	1
2																		2
3	Small Commercial ²	198,174,244		175,661,659		177,333,362		175,715,165		173,585,645		167,684,280		1,068,154,355	-	2,174,394,538	-	3
4																		4
5	Medium-Large Commercial ³	975,051,511	2,591,511	874,181,195	2,306,872	898,678,027	2,363,063	809,014,375	2,058,956	881,075,469	2,290,495	774,626,851	2,045,070	5,212,627,428	13,655,967	10,603,190,138	27,526,569	5
6																		6
7	Street Lighting ⁴	8,252,337		9,013,079		10,779,616		6,452,758		9,777,692		7,091,130		51,366,611	-	101,184,377	-	7
8																		8
9	Sale for Resale ⁵	978		-		-		2,772		763		723		5,236	-	6,976		9
10																		10
11	Standby Customers ⁶		168,084		166,914		166,969		167,007		167,107		167,414	-	1,003,495	-	1,989,701	11
12																		12
13	TOTAL	1,925,741,010	2,759,595	1,667,501,839	2,473,786	1,762,070,483	2,530,032	1,771,755,729	2,225,962	1,721,352,642	2,457,602	1,565,579,269	2,212,484	10,414,000,971	14,659,461	20,861,610,824	29,516,271	13
14																		14
NOTES:																		
1	See Section 3.2.3; Page 14.1; Line 5 x 1000.																	
2	See Section 3.2.3; Page 14.1; Line 9 x 1000.																	
3	See Section 3.2.3; Pages 14.1; 14.2; 14.3; 14.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.																	
4	See Section 3.2.3; Page 14.1; Line 25 x 1000.																	
5	See Section 3.2.3; Page 14.1; Line 27 x 1000.																	
6	See Section 3.2.3; Page 14.4; Line 176 x 1000.																	

Section 3.2.3				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Revenue Data to Reflect Present Rates from the WHOLESAL E Rates Developed in Cycle 5 and Cycle 6				
Billing Determinants @ Transmission Level				
True-Up Period (4/1/2012 - 8/31/2013)				
			(M)	
			12 Months to Date	
Line No.	Customer Classes	Billing Determinants @ Transmission Level		Line No.
		Energy (kWh)	Demand (kW)	
1	Residential Customers	7,982,834,795	-	1
2				2
3	Small Commercial	2,174,394,538	-	3
4				4
5	Medium-Large Commercial	10,603,190,138	27,526,569	5
6				6
7	Street Lighting	101,184,377	-	7
8				8
9	Sale for Resale	6,976		9
10				10
11	Standby Customers	-	1,989,701	11
12				12
13	TOTAL	20,861,610,824	29,516,271	13
14				14

Section 3.2.3

San Diego Gas & Electric

Line No.	FERC Recorded Sales @ Transmission Level for the Period: April 2012 - March 2013 (Updated and Verified by RRF)														Line No.
	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total		
1	SDG&E: System Delivery Determinants														1
2	Customer Class Deliveries (MWh)														2
3	Residential	567,139	538,727	550,024	591,025	675,694	807,894	711,736	582,046	645,768	746,458	628,204	589,248	7,633,963	3
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		4
5	Residential @ Transmission Level	593,057	563,347	575,160	618,035	706,573	844,815	744,262	608,646	675,279	780,571	656,913	616,176	7,982,835	5
6															6
7	Small Commercial	157,417	158,666	171,319	174,305	188,039	208,149	189,513	167,985	169,583	168,036	165,999	160,356	2,079,367	7
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		8
9	Small Commercial @ Transmission Level	164,611	165,917	179,148	182,270	196,632	217,662	198,174	175,662	177,333	175,715	173,586	167,684	2,174,395	9
10															10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	282,178	11
12	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	19,476	21,068	29,719	28,395	28,953	26,351	30,959	20,528	27,972	18,821	19,407	20,709	292,356	13
14															14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	9,233,852	15
16	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	738,000	756,312	826,637	793,902	827,159	944,463	866,408	795,053	800,356	725,818	791,424	701,309	9,566,841	17
18															18
19	Med. & Large Comm./Ind. (A6)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	718,101	19
20	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592		20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	53,328	58,476	64,885	55,105	61,014	57,320	77,685	58,600	70,351	64,376	70,245	52,609	743,993	21
22															22
23	Lighting	10,954	10,104	5,119	10,240	3,266	7,958	7,892	8,619	10,309	6,171	9,350	6,781	96,763	23
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		24
25	Street Lighting @ Transmission Level	11,455	10,565	5,353	10,708	3,415	8,322	8,252	9,013	10,780	6,453	9,778	7,091	101,184	25
26															26
27	Sale for Resale	0.0	2.6	1.4	-3.1	0.8	0.0	1.0	0.0	0.0	2.8	0.8	0.7	7.0	27
28	Total System Delivery@Meter Exclude Resale	1,517,940	1,514,104	1,615,463	1,622,263	1,752,030	2,016,486	1,850,384	1,602,520	1,693,177	1,701,630	1,654,080	1,504,153	20,044,231	28
29	Total System Delivery@Trans. Exclude Resale	1,579,927	1,575,685	1,680,901	1,688,415	1,823,747	2,098,932	1,925,740	1,667,502	1,762,070	1,771,753	1,721,352	1,565,579	20,861,604	29
30	Med. & Large Comm./Ind.														30
31	Rate Schedule Billing Determinants														31
32															32
33	Schedules AD / PA-T-1:Applicable to 100% NCD	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total	33
34	Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	282,178	34
35															35
36	Total Deliveries (%)														36
37	% @ Secondary Service	87.19%	88.34%	88.46%	92.07%	90.26%	109.76%	85.23%	94.28%	84.06%	89.15%	85.01%	83.59%	89.93%	37
38	% @ Primary Service	12.81%	11.66%	11.54%	7.93%	9.74%	-9.76%	14.77%	5.72%	15.94%	10.85%	14.99%	16.41%	10.07%	38
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	39
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	40
41	Total Deliveries (MWh)														41
42	MWh @ Secondary Service	16,387	17,960	25,369	25,228	25,218	27,920	25,471	18,683	22,698	16,197	15,926	16,710	253,767	42
43	MWh @ Primary Service	2,408	2,371	3,310	2,173	2,721	-2,483	4,414	1,133	4,304	1,971	2,808	3,280	28,411	43
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45		18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	282,178	45

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Line No.	FERC Recorded Sales @ Transmission Level for the Period: April 2012 - March 2013 (Updated and Verified by RRF)														Line No.
46	Non-Coincident Demand (%)														46
47	% @ Secondary Service	0.4599%	0.3969%	0.3221%	0.3094%	0.3258%	0.3139%	0.3205%	0.3842%	0.3641%	0.4189%	0.4912%	0.4382%	0.3671%	47
48	% @ Primary Service	0.3623%	0.4458%	0.4117%	0.4842%	0.3303%	0.2602%	0.8445%	0.3380%	0.5123%	0.4350%	0.3449%	0.3233%	0.4857%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50															50
51	Non-Coincident Demand (MW)														51
52	MW @ Secondary Service	75.363	71.284	81.714	78.057	82.162	87.640	81.635	71.779	82.642	67.849	78.228	73.225	931.576	52
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		53
54	Non-Coincident Demand @ Transmission Level	78.807	74.542	85.448	81.624	85.916	91.645	85.366	75.059	86.419	70.950	81.803	76.571	974.149	54
55															55
56	MW @ Primary Service	8.723	10.568	13.625	10.521	8.989	-6.460	37.277	3.831	22.050	8.575	9.686	10.606	137.990	56
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		57
58	Non-Coincident Demand @ Transmission Level	8.817	10.682	13.772	10.635	9.086	-6.530	37.679	3.873	22.288	8.668	9.790	10.720	139.480	58
59															59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	84.086	81.852	95.339	88.578	91.150	81.180	118.912	75.610	104.692	76.424	87.913	83.830	1,069.566	61
62	Non-Coincident Demand @ Transmission Level	87.624	85.224	99.220	92.259	95.002	85.115	123.045	78.932	108.706	79.617	91.593	87.291	1,113.629	62
63															63
64															64
65	Schedules AL-TOU / AY-TOU / DG-R:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total	65
66	Applicable to 90% NCD - Total Deliveries (MWh)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	9,233,852	66
67															67
68	Total Deliveries (%)														68
69	% @ Secondary Service	78.92%	79.54%	80.62%	78.83%	80.46%	79.79%	78.79%	78.15%	81.61%	79.07%	78.95%	78.63%	79.47%	69
70	% @ Primary Service	19.76%	18.98%	18.05%	19.85%	18.17%	18.84%	19.70%	18.73%	19.01%	17.69%	19.12%	19.56%	18.95%	70
71	% @ Transmission Service	1.32%	1.48%	1.33%	1.32%	1.37%	1.37%	1.51%	3.12%	-0.62%	3.24%	1.93%	1.81%	1.58%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
73	Total Deliveries (MWh)														73
74	MWh @ Secondary Service	562,047	580,518	643,112	603,932	642,241	727,457	658,973	599,790	630,522	554,005	603,164	532,318	7,338,080	74
75	MWh @ Primary Service	140,725	138,524	143,986	152,075	145,035	171,767	164,764	143,750	146,872	123,945	146,073	132,420	1,749,937	75
76	MWh @ Transmission Service	9,401	10,802	10,610	10,113	10,936	12,490	12,629	23,946	-4,790	22,701	14,745	12,254	145,835	76
77		712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	9,233,852	77
78															78
79	Non-Coincident Demand (%)														79
80	% @ Secondary Service	0.2720%	0.2749%	0.2672%	0.2663%	0.2733%	0.2672%	0.2803%	0.2789%	0.2735%	0.2698%	0.2754%	0.2771%	0.2729%	80
81	% @ Primary Service	0.2118%	0.2154%	0.2185%	0.2176%	0.2248%	0.2167%	0.2254%	0.2246%	0.2257%	0.2183%	0.2139%	0.2192%	0.2194%	81
82	% @ Transmission Service	0.2173%	0.1844%	0.1875%	0.1985%	0.1938%	0.2081%	0.2001%	0.1632%	0.1353%	0.1752%	0.1748%	0.1736%	0.1866%	82
83															83
84	Non-Coincident Demand (MW)														84
85	MW @ Secondary Service	1,528.768	1,595.845	1,718.396	1,608.270	1,755.246	1,943.766	1,847.100	1,672.815	1,724.478	1,494.705	1,661.114	1,475.054	20,025.556	85
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		86
87	Non-Coincident Demand @ Transmission Level	1,598.632	1,668.775	1,796.927	1,681.768	1,835.461	2,032.596	1,931.513	1,749.262	1,803.287	1,563.013	1,737.026	1,542.464	20,940.724	87

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Line No.	FERC Recorded Sales @ Transmission Level for the Period: April 2012 - March 2013 (Updated and Verified by RRF)													Line No.	
88															88
89	MW @ Primary Service	298.056	298.382	314.610	330.914	326.039	372.219	371.378	322.863	331.490	270.572	312.451	290.264	3,839.239	89
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		90
91	Non-Coincident Demand @ Transmission Level	301.275	301.604	318.008	334.488	329.560	376.239	375.389	326.350	335.070	273.494	315.825	293.398	3,880.703	91
92															92
93	MW @ Transmission Service	20.428	19.918	19.893	20.074	21.193	25.993	25.271	39.079	-6.481	39.772	25.774	21.272	272.186	93
94	Non-Coincident Demand @ Meter Level	1,847.252	1,914.145	2,052.899	1,959.258	2,102.478	2,341.978	2,243.749	2,034.756	2,049.487	1,805.049	1,999.339	1,786.590	24,136.981	94
95	Non-Coincident Demand @ Transmission Level	1,920.336	1,990.298	2,134.828	2,036.330	2,186.214	2,434.828	2,332.173	2,114.691	2,131.876	1,876.279	2,078.626	1,857.135	25,093.612	95
96															96
97	On-Peak Demand (%)														97
98	% @ Secondary Service	0.2193%	0.2331%	0.2496%	0.2491%	0.2570%	0.2534%	0.2464%	0.2253%	0.2206%	0.2135%	0.2206%	0.2217%	0.2351%	98
99	% @ Primary Service	0.1955%	0.2104%	0.2255%	0.2258%	0.2299%	0.2257%	0.2232%	0.2038%	0.2034%	0.1965%	0.1947%	0.1997%	0.2119%	99
100	% @ Transmission Service	0.3373%	0.3214%	0.2964%	0.4535%	0.2515%	0.3096%	0.2724%	0.2120%	0.2479%	0.3629%	0.2698%	0.2839%	0.3018%	100
101															101
102	On-Peak Demand (MW)	W	S	S	S	S	S	W	W	W	W	W	W	Total	102
103	MW @ Secondary Service	1,232.569	1,353.188	1,605.208	1,504.394	1,650.560	1,843.377	1,623.709	1,351.327	1,390.932	1,182.800	1,330.580	1,180.150	17,248.794	103
104	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		104
105	On-Peak Demand @ Transmission Level	1,288.897	1,415.029	1,678.566	1,573.144	1,725.991	1,927.619	1,697.912	1,413.083	1,454.498	1,236.854	1,391.387	1,234.083	18,037.063	105
106															106
107	MW @ Primary Service	275.118	291.456	324.689	343.384	333.436	387.678	367.753	292.963	298.738	243.552	284.405	264.442	3,707.614	107
108	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		108
109	On-Peak Demand @ Transmission Level	278.089	294.603	328.196	347.093	337.037	391.865	371.725	296.127	301.964	246.183	287.476	267.298	3,747.656	109
110															110
111	MW @ Transmission Service	31.709	34.717	31.447	45.861	27.503	38.671	34.402	50.765	-11.875	82.382	39.782	34.788	440.150	111
112	On-Peak Demand @ Meter Level	1,539.396	1,679.361	1,961.344	1,893.639	2,011.499	2,269.725	2,025.864	1,695.054	1,677.795	1,508.734	1,654.766	1,479.380	21,396.557	112
113	On-Peak Demand @ Transmission Level	1,598.695	1,744.349	2,038.209	1,966.099	2,090.531	2,358.155	2,104.039	1,759.974	1,744.587	1,565.419	1,718.645	1,536.168	22,224.870	113
114															114
115															115
116	Schedule A6-TOU:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total	116
117	Total Deliveries (MWh)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	718,101	117
118															118
119	Total Deliveries (%)														119
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	15.78%	14.65%	21.22%	8.30%	18.40%	17.64%	8.70%	9.30%	18.43%	9.91%	12.15%	14.49%	14.03%	121
122	% @ Transmission Service	84.22%	85.35%	78.78%	91.70%	81.60%	82.36%	91.30%	90.70%	81.57%	90.09%	87.85%	85.51%	85.97%	122
123		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	123
124	Total Deliveries (MWh)														124
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	8,121	8,267	13,287	4,414	10,834	9,761	6,524	5,261	12,516	6,158	8,239	7,359	100,739	126
127	MWh @ Transmission Service	43,341	48,162	49,327	48,763	48,045	45,572	68,467	51,307	55,395	55,985	59,570	43,426	617,362	127
128		51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	718,101	128
129	Non-Coincident Demand (%)														129
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.1633%	0.1966%	0.2332%	0.1023%	0.1902%	0.2431%	0.1647%	0.2656%	0.2439%	0.2121%	0.3012%	0.2251%	0.2174%	131
132	% @ Transmission Service	0.1742%	0.1794%	0.1904%	0.1854%	0.1660%	0.1905%	0.1832%	0.1932%	0.1654%	0.1605%	0.1598%	0.1932%	0.1778%	132

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FERC Recorded Sales @ Transmission Level for the Period: April 2012 - March 2013 (Updated and Verified by RRF)

Line No.	San Diego Gas & Electric													Line No.	
FERC Recorded Sales @ Transmission Level for the Period: April 2012 - March 2013 (Updated and Verified by RRF)															
133															133
134	Non-Coincident Demand (MW)													134	
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
136	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136
137	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137
138															138
139	MW @ Primary Service	13.261	16.253	30.985	4.515	20.606	23.728	10.745	13.973	30.527	13.062	24.815	16.565	219.034	139
140	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	140
141	Non-Coincident Demand @ Transmission Level	13.404	16.428	31.319	4.564	20.828	23.984	10.862	14.124	30.856	13.203	25.083	16.744	221.400	141
142															142
143	MW @ Transmission Service	75.500	86.403	93.919	90.406	79.755	86.814	125.432	99.125	91.624	89.856	95.193	83.900	1,097.928	143
144	Non-Coincident Demand @ Meter Level	88.761	102.656	124.904	94.921	100.361	110.542	136.178	113.098	122.151	102.918	120.008	100.464	1,316.962	144
145	Non-Coincident Demand @ Transmission Level	88.904	102.831	125.238	94.970	100.584	110.799	136.294	113.249	122.481	103.059	120.276	100.643	1,319.328	145
146															146
147	Coincident Peak Demand (%)													147	
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148
149	% @ Primary Service	0.1386%	0.1557%	0.2189%	0.2461%	0.1464%	0.1465%	0.1279%	0.0915%	0.1131%	0.1810%	0.1445%	0.1084%	0.1515%	149
150	% @ Transmission Service	0.1357%	0.1372%	0.1551%	0.1325%	0.1388%	0.1579%	0.1553%	0.1408%	0.1206%	0.1484%	0.1191%	0.1500%	0.1408%	150
151															151
152	Coincident Peak Demand (MW)													152	
		W	S	S	S	S	S	W	W	W	W	W	W	Total	
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153
154	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	154
155	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	155
156															156
157	MW @ Primary Service	11.255	12.872	29.085	10.862	15.861	14.299	8.345	4.814	14.156	11.147	11.905	7.977	152.576	157
158	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	158
159	Coincident Peak Demand@Transmission Level	11.377	13.011	29.399	10.979	16.032	14.454	8.435	4.866	14.309	11.267	12.034	8.063	154.224	159
160															160
161	MW @ Transmission Service	58.813	66.079	76.507	64.611	66.687	71.958	106.330	72.241	66.807	83.082	70.948	65.140	869.201	161
162	Coincident Peak Demand@Meter Level	70.069	78.950	105.591	75.473	82.548	86.257	114.674	77.054	80.963	94.229	82.853	73.117	1,021.777	162
163	Coincident Peak Demand@Transmission Level	70.190	79.089	105.905	75.590	82.719	86.412	114.764	77.106	81.116	94.349	82.982	73.203	1,023.424	163
164	Schedule S: Standby Determinants:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total	164
165	Contracted Standby Demand (MW)													165	
166	MW @ Secondary Service	11.518	11.518	11.517	11.609	11.191	11.131	11.131	10.012	10.274	10.274	10.274	10.274	130.723	166
167	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	167
168	Standby Demand @ Transmission Level	12.044	12.044	12.043	12.140	11.702	11.640	11.640	10.470	10.744	10.744	10.744	10.744	136.697	168
169															169
170	MW @ Primary Service	85.906	85.805	91.154	92.3	94.433	94.486	94.571	94.571	94.169	94.169	94.225	94.529	1,110.318	170
171	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	171
172	Standby Demand @ Transmission Level	86.834	86.732	92.138	93.297	95.453	95.506	95.592	95.592	95.186	95.186	95.243	95.550	1,122.309	172
173															173
174	MW @ Transmission Service	60.197	61.175	61.151	60.676	60.666	60.768	60.852	60.852	61.039	61.077	61.121	61.121	730.695	174
175	Standby Demand@Meter Level	157.621	158.498	163.822	164.585	166.29	166.385	166.554	165.435	165.482	165.52	165.62	165.924	1,971.736	175
176	Standby Demand@Transmission Level	159.075	159.951	165.333	166.112	167.821	167.914	168.084	166.914	166.969	167.007	167.107	167.414	1,989.701	176
177															177

San Diego Gas & Electric

FERC Recorded Period: April 2012 - March 2013 (Posted and Verified by RRF)

SDG&E: System Delivery Determinants													
Customer Class Deliveries (MWh)	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Residential	567,139	538,727	550,024	591,025	675,694	807,894	711,736	582,046	645,768	746,458	628,204	589,248	7,633,963
Small Commercial	157,417	158,666	171,319	174,305	188,039	208,149	189,513	167,985	169,583	168,036	165,999	160,356	2,079,367
Med. & Large Comm./Ind. (AD + PA-T-1)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	282,178
Med. & Large Comm./Ind. (AL + AY + DGR)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	9,233,852
Med. & Large Comm./Ind. (A6)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	718,101
Lighting	10,954	10,104	5,119	10,240	3,266	7,958	7,892	8,619	10,309	6,171	9,350	6,781	96,763
Sale for Resale	0.0	2.6	1.4	-3.1	0.8	0.0	1.0	0.0	0.0	2.8	0.8	0.7	7.0
Total System	1,517,940	1,514,104	1,615,463	1,622,263	1,752,030	2,016,486	1,850,384	1,602,520	1,693,177	1,701,630	1,654,080	1,504,153	20,044,231
Med. & Large Comm./Ind. Rate Schedule Billing Determinants													
Schedules AD / PA-T-1:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	282,178
Total Deliveries (%)													
% @ Secondary Service	87.19%	88.34%	88.46%	92.07%	90.26%	109.76%	85.23%	94.28%	84.06%	89.15%	85.01%	83.59%	89.93%
% @ Primary Service	12.81%	11.66%	11.54%	7.93%	9.74%	-9.76%	14.77%	5.72%	15.94%	10.85%	14.99%	16.41%	10.07%
% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	16,387	17,960	25,369	25,228	25,218	27,920	25,471	18,683	22,698	16,197	15,926	16,710	253,767
MWh @ Primary Service	2,408	2,371	3,310	2,173	2,721	-2,483	4,414	1,133	4,304	1,971	2,808	3,280	28,411
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	282,178
Non-Coincident Demand (%)													
% @ Secondary Service	0.4599%	0.3969%	0.3221%	0.3094%	0.3258%	0.3139%	0.3205%	0.3842%	0.3641%	0.4189%	0.4912%	0.4382%	0.3671%
% @ Primary Service	0.3623%	0.4458%	0.4117%	0.4842%	0.3303%	0.2602%	0.8445%	0.3380%	0.5123%	0.4350%	0.3449%	0.3233%	0.4857%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Non-Coincident Demand (MW)													
MW @ Secondary Service	75.363	71.284	81.714	78.057	82.162	87.640	81.635	71.779	82.642	67.849	78.228	73.225	931.576
MW @ Primary Service	8.723	10.568	13.625	10.521	8.989	-6.460	37.277	3.831	22.050	8.575	9.686	10.606	137.990
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	84.086	81.852	95.339	88.578	91.150	81.180	118.912	75.610	104.692	76.424	87.913	83.830	1,069.566

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5/19/2014

San Diego Gas & Electric

FERC Recorded Period: April 2012 - March 2013 (Posted and Verified by RRF)

Schedules AL-TOU / AY-TOU / DG-R:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Total Deliveries (MWh)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	9,233,852
Total Deliveries (%)													
% @ Secondary Service	78.92%	79.54%	80.62%	78.83%	80.46%	79.79%	78.79%	78.15%	81.61%	79.07%	78.95%	78.63%	79.47%
% @ Primary Service	19.76%	18.98%	18.05%	19.85%	18.17%	18.84%	19.70%	18.73%	19.01%	17.69%	19.12%	19.56%	18.95%
% @ Transmission Service	1.32%	1.48%	1.33%	1.32%	1.37%	1.37%	1.51%	3.12%	-0.62%	3.24%	1.93%	1.81%	1.58%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	562,047	580,518	643,112	603,932	642,241	727,457	658,973	599,790	630,522	554,005	603,164	532,318	7,338,080
MWh @ Primary Service	140,725	138,524	143,986	152,075	145,035	171,767	164,764	143,750	146,872	123,945	146,073	132,420	1,749,937
MWh @ Transmission Service	9,401	10,802	10,610	10,113	10,936	12,490	12,629	23,946	-4,790	22,701	14,745	12,254	145,835
	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	9,233,852
Non-Coincident Demand (%)													
% @ Secondary Service	0.2720%	0.2749%	0.2672%	0.2663%	0.2733%	0.2672%	0.2803%	0.2789%	0.2735%	0.2698%	0.2754%	0.2771%	0.2729%
% @ Primary Service	0.2118%	0.2154%	0.2185%	0.2176%	0.2248%	0.2167%	0.2254%	0.2246%	0.2257%	0.2183%	0.2139%	0.2192%	0.2194%
% @ Transmission Service	0.2173%	0.1844%	0.1875%	0.1985%	0.1938%	0.2081%	0.2001%	0.1632%	0.1353%	0.1752%	0.1748%	0.1736%	0.1866%
Non-Coincident Demand (MW)													
MW @ Secondary Service	1,528.768	1,595.845	1,718.396	1,608.270	1,755.246	1,943.766	1,847.100	1,672.815	1,724.478	1,494.705	1,661.114	1,475.054	20,025.556
MW @ Primary Service	298.056	298.382	314.610	330.914	326.039	372.219	371.378	322.863	331.490	270.572	312.451	290.264	3,839.239
MW @ Transmission Service	20.428	19.918	19.893	20.074	21.193	25.993	25.271	39.079	-6.481	39.772	25.774	21.272	272.186
	1,847.252	1,914.145	2,052.899	1,959.258	2,102.478	2,341.978	2,243.749	2,034.756	2,049.487	1,805.049	1,999.339	1,786.590	24,136.981
On-Peak Demand (%)													
% @ Secondary Service	0.2193%	0.2331%	0.2496%	0.2491%	0.2570%	0.2534%	0.2464%	0.2253%	0.2206%	0.2135%	0.2206%	0.2217%	0.2351%
% @ Primary Service	0.1955%	0.2104%	0.2255%	0.2258%	0.2299%	0.2257%	0.2232%	0.2038%	0.2034%	0.1965%	0.1947%	0.1997%	0.2119%
% @ Transmission Service	0.3373%	0.3214%	0.2964%	0.4535%	0.2515%	0.3096%	0.2724%	0.2120%	0.2479%	0.3629%	0.2698%	0.2839%	0.3018%
On-Peak Demand (MW)													
MW @ Secondary Service	1,232.569	1,353.188	1,605.208	1,504.394	1,650.560	1,843.377	1,623.709	1,351.327	1,390.932	1,182.800	1,330.580	1,180.150	17,248.794
MW @ Primary Service	275.118	291.456	324.689	343.384	333.436	387.678	367.753	292.963	298.738	243.552	284.405	264.442	3,707.614
MW @ Transmission Service	31.709	34.717	31.447	45.861	27.503	38.671	34.402	50.765	-11.875	82.382	39.782	34.788	440.150
	1,539.396	1,679.361	1,961.344	1,893.639	2,011.499	2,269.725	2,025.864	1,695.054	1,677.795	1,508.734	1,654.766	1,479.380	21,396.557

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San Diego Gas & Electric

FERC Recorded Period: April 2012 - March 2013 (Posted and Verified by RRF)

Schedule A6-TOU:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Total Deliveries (MWh)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	718,101
Total Deliveries (%)													
% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% @ Primary Service	15.78%	14.65%	21.22%	8.30%	18.40%	17.64%	8.70%	9.30%	18.43%	9.91%	12.15%	14.49%	14.03%
% @ Transmission Service	84.22%	85.35%	78.78%	91.70%	81.60%	82.36%	91.30%	90.70%	81.57%	90.09%	87.85%	85.51%	85.97%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Primary Service	8,121	8,267	13,287	4,414	10,834	9,761	6,524	5,261	12,516	6,158	8,239	7,359	100,739
MWh @ Transmission Service	43,341	48,162	49,327	48,763	48,045	45,572	68,467	51,307	55,395	55,985	59,570	43,426	617,362
	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	718,101
Non-Coincident Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.1633%	0.1966%	0.2332%	0.1023%	0.1902%	0.2431%	0.1647%	0.2656%	0.2439%	0.2121%	0.3012%	0.2251%	0.2174%
% @ Transmission Service	0.1742%	0.1794%	0.1904%	0.1854%	0.1660%	0.1905%	0.1832%	0.1932%	0.1654%	0.1605%	0.1598%	0.1932%	0.1778%
Non-Coincident Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	13.261	16.253	30.985	4.515	20.606	23.728	10.745	13.973	30.527	13.062	24.815	16.565	219.034
MW @ Transmission Service	75.500	86.403	93.919	90.406	79.755	86.814	125.432	99.125	91.624	89.856	95.193	83.900	1,097.928
	88.761	102.656	124.904	94.921	100.361	110.542	136.178	113.098	122.151	102.918	120.008	100.464	1,316.962
Coincident Peak Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.1386%	0.1557%	0.2189%	0.2461%	0.1464%	0.1465%	0.1279%	0.0915%	0.1131%	0.1810%	0.1445%	0.1084%	0.1515%
% @ Transmission Service	0.1357%	0.1372%	0.1551%	0.1325%	0.1388%	0.1579%	0.1553%	0.1408%	0.1206%	0.1484%	0.1191%	0.1500%	0.1408%
Coincident Peak Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	11.255	12.872	29.085	10.862	15.861	14.299	8.345	4.814	14.156	11.147	11.905	7.977	152.576
MW @ Transmission Service	58.813	66.079	76.507	64.611	66.687	71.958	106.330	72.241	66.807	83.082	70.948	65.140	869.201
	70.069	78.950	105.591	75.473	82.548	86.257	114.674	77.054	80.963	94.229	82.853	73.117	1,021.777
Schedule S: Standby Determinants:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Contracted Standby Demand (MW)													
MW @ Secondary Service	11.518	11.518	11.517	11.609	11.191	11.131	11.131	10.012	10.274	10.274	10.274	10.274	130.723
MW @ Primary Service	85.906	85.805	91.154	92.300	94.433	94.486	94.571	94.571	94.169	94.169	94.225	94.529	1,110.318
MW @ Transmission Service	60.197	61.175	61.151	60.676	60.666	60.768	60.852	60.852	61.039	61.077	61.121	61.121	730.695
	157.621	158.498	163.822	164.585	166.290	166.385	166.554	165.435	165.482	165.520	165.620	165.924	1,971.736

San Diego Gas & Electric Company

Section 3.2.3.1

Derivation of CAISO Wholesale
Recorded Revenues During the
(April 2013 – August 2013) Segment of
the 17-Month True-Up Period
Using SDG&E's CAISO Retail Rates
from Cycle 6.

Docket No. ER015-____-____

Section 3.2.3.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 6

For the 5-Month Period April 2013 through August 2013

17-Month True-Up Period (4/1/2012 - 8/31/2013)

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Sep-13		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	565,057,710	-	560,172,869	-	585,447,321	-	705,737,459	-	638,956,384	-	-	-	3,055,371,743	-	1
2																2
3	Small Commercial	168,422,284	-	175,104,515	-	180,808,512	-	201,510,317	-	193,656,838	-	-	-	919,502,466	-	3
4																4
5	Medium-Large Commercial	832,982,479	2,156,182	880,001,171	2,327,027	762,266,047	2,127,495	1,102,820,005	2,603,962	913,348,912	2,348,140	-	-	4,491,418,613	11,562,806	5
6																6
7	Street Lighting	8,294,198	-	10,741,810	-	6,167,870	-	8,052,802	-	6,173,190	-	-	-	39,429,870	-	7
8																8
9	Standby Customers	-	166,547	-	168,541	-	169,066	-	174,392	-	174,214	-	-	-	852,760	9
10																10
11	TOTAL	1,574,756,670	2,322,730	1,626,020,364	2,495,569	1,534,689,750	2,296,561	2,018,120,583	2,778,354	1,752,135,325	2,522,354	-	-	8,505,722,691	12,415,567	11

Note: The above billing determinants are the recorded determinants from April 2013 through August 2013. The recorded sales are translated from retail level to transmission level.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Sep-13		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ 0.0292716446		\$ -				12
13																13
14	Small Commercial	\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ 0.0348897951		\$ -				14
15																15
16	Medium-Large Commercial															16
17																17
18	Street Lighting	\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ 0.0187857815		\$ -				18
19																19
20	Standby Customers															20

Note: The wholesale transmission rates from April 2012 - September 2012 were derived from the Wholesale Base Transmission Revenue Requirements of \$404.443 million from TO3-Cycle 5 Docket No. ER11-4318-002 filed in the second Compliance Filing at the FERC on October 12, 2012. The Wholesale BTRR of \$603.922 million for Cycle 6 came from the Offer of Settlement Filing. See Section 3.2.1, Page 12, for Cycle 5, and Section 3.2.1.1, for Cycle 6, Page 12, Summary of Retail Rates at Transmission.

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(F)		Line No.
		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Sep-13		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 16,540,168		\$ 16,397,181		\$ 17,137,006		\$ 20,658,096		\$ 18,703,304		\$ -		\$ 89,435,756	\$ -	21
22																22
23	Small Commercial	\$ 5,876,219		\$ 6,109,361		\$ 6,308,372		\$ 7,030,654		\$ 6,756,647		\$ -		\$ 32,081,253	\$ -	23
24																24
25	Medium-Large Commercial	\$ -	\$ 19,573,230	\$ -	\$ 24,082,890	\$ -	\$ 22,305,873	\$ -	\$ 27,479,489	\$ -	\$ 24,663,959	\$ -	\$ -	\$ -	\$ 118,105,441	25
26																26
27	Street Lighting	\$ 155,813		\$ 201,793		\$ 115,868		\$ 151,278		\$ 115,968		\$ -		\$ 740,721	\$ -	27
28																28
29	Standby Customers		\$ 720,599		\$ 729,227		\$ 731,497		\$ 754,541		\$ 753,771	\$ -	\$ -	\$ -	\$ 3,689,635	29
30																30
31	TOTAL	\$ 22,572,200	\$ 20,293,829	\$ 22,708,335	\$ 24,812,117	\$ 23,561,246	\$ 23,037,370	\$ 27,840,028	\$ 28,234,030	\$ 25,575,920	\$ 25,417,730	\$ -	\$ -	\$ 122,257,729	\$ 121,795,076	31
32																32
33	Grand Total		\$ 42,866,029		\$ 47,520,452		\$ 46,598,616		\$ 56,074,058		\$ 50,993,650	\$ -	\$ -		\$ 244,052,805	33

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-1 and Standby Customers where these revenues are derived on pages 4 through 7.

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Section 3.2.3.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

SUMMARY of Derived Revenues at Present Rates from the WHOLESALE Rates Developed in Cycle 6

For the 5-Month Period April 2013 through August 2013

17-Month True-Up Period (4/1/2012 - 8/31/2013)

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Oct-13		Nov-13		Dec-13		Jan-14		Feb-14		Mar-14		Sub-Total		Grand-Total		
Line No.	Customer Classes	N/A in Final True-Up Billing Determinants		N/A in Final True-Up Billing Determinants		N/A in Final True-Up Billing Determinants		N/A in Final True-Up Billing Determinants		N/A in Final True-Up Billing Determinants		N/A in Final True-Up Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,055,371,743	-	1
2																		2
3	Small Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	919,502,466	-	3
4																		4
5	Medium-Large Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,491,418,613	11,562,806	5
6																		6
7	Street Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39,429,870	-	7
8																		8
9	Standby Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	852,760	9
10																		10
11	TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,505,722,691	12,415,567	11

Note: The above billing determinants are the recorded determinants from October 2013 through March 2014. The recorded sales are translated from retail to transmission level.

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Oct-13		Nov-13		Dec-13		Jan-14		Feb-14		Mar-14		Sub-Total		Grand-Total		
Line No.	Customer Classes	Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Transmission Rates @ Present		Changed Transmission Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-			12
13																		13
14	Small Commercial	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-			14
15																		15
16	Medium-Large Commercial																	16
17																		17
18	Street Lighting	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-			18
19																		19
20	Standby Customers																	20

Note: The wholesale transmission rates from September - March were derived from the wholesale base transmission revenue requirements of \$404.443 million from TO3-Cycle 5 Docket No. ER11-4318-002 filed in the second Compliance Filing at the FERC on October 12, 2012. The Wholesale BTRR of \$603.922 million for Cycle 6 came from the Offer of Settlement Filing. See Section 3.2.2 for Cycle 5 and Cycle 6, Page 12, for the Summary of Retail Rates at Transmission Level.

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Oct-13		Nov-13		Dec-13		Jan-14		Feb-14		Mar-14		Sub-Total		Grand-Total		
Line No.	Customer Classes	Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Changed Rates		Revenues @ Changed Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ 89,435,756	\$ -	21
22																		22
23	Small Commercial	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ 32,081,253	\$ -	23
24																		24
25	Medium-Large Commercial	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ 118,105,441	25
26																		26
27	Street Lighting	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ 740,721	\$ -	27
28																		28
29	Standby Customers	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ 3,689,635	29
30																		30
31	TOTAL	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ 122,257,729	\$ 121,795,076	31
32																		32
33	Grand Total	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ 244,052,805		33

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-1 and Standby Customers where these revenues are derived on pages 4 through 7.

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Section 3.2.3.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 6
For the 5-Month Period April 2013 through August 2013
17-Month True-Up Period (4/1/2012 - 8/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 6 Apr-13	Cycle 6 May-13	Cycle 6 Jun-13	Cycle 6 Jul-13	Cycle 6 Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%:															1
2	Secondary	74,131	85,734	77,222	77,590	78,582	-	-	-	-	-	-	-	392,359	Section 3.2.3.1; Page 13.2; Ln. 54 x 1000	2
3	Primary	7,432	11,250	16,191	12,251	19,137	-	-	-	-	-	-	-	66,260	Section 3.2.3.1; Page 13.2; Ln. 38 x 1000	3
4	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.3.1; Page 13.2; Ln. 60 x 1000	4
5	Total	81,563	96,984	93,413	89,841	97,719	-	-	-	-	-	-	-	459,620	Sum Lines 2; 3; 4	5
6																6
7	Non-Coincident Demand Rates Per (\$/KW) @ 100%:¹															7
8	Secondary	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ 9.6830469396	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Section 3.2.3.1; Page 9; Line 6	8
9	Primary	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ 9.6830469417	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Section 3.2.3.1; Page 9; Line 6	9
10	Transmission	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ 9.6830469400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Section 3.2.3.1; Page 9; Line 6	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 717,816	\$ 830,162	\$ 747,745	\$ 751,311	\$ 761,885	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,808,919	Line 2 x Line 8	13
14	Primary	71,962	108,935	156,776	118,624	185,304	-	-	-	-	-	-	-	641,601	Line 3 x Line 9	14
15	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 10	15
16	Total	\$ 789,778	\$ 939,097	\$ 904,521	\$ 869,935	\$ 947,189	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,450,520	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 789,778	\$ 939,097	\$ 904,521	\$ 869,935	\$ 947,189	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,450,520	Line 16	18

¹ Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AD, PA-T-1.

Section 3.2.3.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESALe Rates Developed in Cycle 6
For the 5-Month Period April 2013 through August 2013
17-Month True-Up Period (4/1/2012 - 8/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 6 Apr-13	Cycle 6 May-13	Cycle 6 Jun-13	Cycle 6 Jul-13	Cycle 6 Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 90%														1
2															2
3	Schedules AL-TOU / AY-TOU / DG-R	1,662,109	1,804,147	1,741,172	1,795,669	1,812,448	-	-	-	-	-	-	8,815,544	Section 3.2.3.1; Page 13.2; Ln. 87 x 1000	3
4	Schedule A6-TOU	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.3.1; Page 13.4; Ln. 137 x 1000	4
5	Secondary	1,662,109	1,804,147	1,741,172	1,795,669	1,812,448	-	-	-	-	-	-	8,815,544	Sum Lines 3 and 4	5
6															6
7	Schedules AL-TOU / AY-TOU / DG-R:	289,519	285,286	146,303	584,000	305,561	-	-	-	-	-	-	1,610,669	Section 3.2.3.1; Page 13.3; Ln. 91 x 1000	7
8	Schedule A6-TOU	15,741	22,125	13,155	10,901	22,948	-	-	-	-	-	-	84,871	Section 3.2.3.1; Page 13.4; Ln. 141 x 1000	8
9	Primary	305,260	307,411	159,458	594,901	328,510	-	-	-	-	-	-	1,695,540	Sum Lines 7 and 8	9
10															10
11	Schedules AL-TOU / AY-TOU / DG-R:	9,860	15,215	33,612	22,627	22,849	-	-	-	-	-	-	104,163	Section 3.2.3.1; Page 13.3; Ln. 93 x 1000	11
12	Schedule A6-TOU	97,391	103,271	99,840	100,925	86,514	-	-	-	-	-	-	487,941	Section 3.2.3.1; Page 13.3; Ln. 143 x 1000	12
13	Transmission	107,251	118,486	133,452	123,552	109,363	-	-	-	-	-	-	592,103	Sum Lines 11 and 12	13
14	Total	2,074,619	2,230,044	2,034,082	2,514,121	2,250,320	-	-	-	-	-	-	11,103,187	Sum Lines 5; 9; 13	14
15															15
16	Non-Coincident Demand Rates Per (\$/KW) @ 90%														16
17	Secondary	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ 8.7147422456	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Line 8	17
18	Primary	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ 8.7147422475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Line 8	18
19	Transmission	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ 8.7147422460	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Line 8	19
20															20
21	Revenues @ Calculated Rates:														21
22	Secondary	\$ 14,484,848	\$ 15,722,676	\$ 15,173,862	\$ 15,648,788	\$ 15,795,016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,825,190	Line 5 x Line 17	22
23	Primary	2,660,264	2,679,006	1,389,638	5,184,407	2,862,877	-	-	-	-	-	-	14,776,192	Line 9 x Line 18	23
24	Transmission	934,661	1,032,575	1,163,902	1,076,721	953,068	-	-	-	-	-	-	5,160,027	Line 13 x Line 19	24
25	Total	\$ 18,079,773	\$ 19,434,257	\$ 17,726,502	\$ 21,909,916	\$ 19,610,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 96,761,409	Sum Lines 22; 23; 24	25
26															26
27	Total Revenues @ Calculated Rates:	\$ 18,079,773	\$ 19,434,257	\$ 17,726,502	\$ 21,909,916	\$ 19,610,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 96,761,409	Line 25	27

1 90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER, DG-R and A6-TOU.

Section 3.2.3.1
 SAN DIEGO GAS AND ELECTRIC COMPANY
 TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
 SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 6
 For the 5-Month Period April 2013 through August 2013
 17-Month True-Up Period (4/1/2012 - 8/31/2013)
 Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 6 Apr-13	Cycle 6 May-13	Cycle 6 Jun-13	Cycle 6 Jul-13	Cycle 6 Aug-13	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	Total	Reference	Line No.
1	On-Peak Demand (KW):															
2	Secondary	1,343,441	1,538,812	1,631,189	1,682,539	1,700,726	-	-	-	-	-	-	-	7,896,708	Section 3.2.3.1; Page 13.3; Ln. 105 x 1000	2
3	Primary	262,915	266,572	143,022	615,534	331,001	-	-	-	-	-	-	-	1,619,045	Section 3.2.3.1; Page 13.3; Ln. 109 x 1000	3
4	Transmission	23,348	38,480	48,925	51,167	30,300	-	-	-	-	-	-	-	192,219	Section 3.2.3.1; Page 13.3; Ln. 111 x 1000	4
5	Total	1,629,704	1,843,865	1,823,137	2,349,240	2,062,027	-	-	-	-	-	-	-	9,707,972	Sum Lines 2; 3; 4	5
6																6
7	Maximum On-Peak Demand Rates Per (S/KW):	W	S	S	S	S	S	W	W	W	W	W	W			7
8	Secondary	\$ 0.4110510040	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Section 3.2.3.1; Page 9; Lines 11 & 12	8
9	Primary	\$ 0.4110510040	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Section 3.2.3.1; Page 9; Lines 11 & 12	9
10	Transmission	\$ 0.4110510040	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Section 3.2.3.1; Page 9; Lines 11 & 12	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 552,223	\$ 2,926,417	\$ 3,102,094	\$ 3,199,748	\$ 3,234,335	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,014,817	Line 2 x Line 8	13
14	Primary	108,072	506,951	271,991	1,170,584	629,477	-	-	-	-	-	-	-	2,687,075	Line 3 x Line 9	14
15	Transmission	9,597	73,179	93,042	97,305	57,622	-	-	-	-	-	-	-	330,745	Line 4 x Line 10	15
16	Total	\$ 669,892	\$ 3,506,547	\$ 3,467,127	\$ 4,467,637	\$ 3,921,434	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,032,637	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 669,892	\$ 3,506,547	\$ 3,467,127	\$ 4,467,637	\$ 3,921,434	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,032,637	Line 16	18

¹ Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU, AL-TOU-DER and DG-R.

Section 3.2.3.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 6
For the 5-Month Period April 2013 through August 2013
17-Month True-Up Period (4/1/2012 - 8/31/2013)
Medium & Large Commercial and Industrial Customer

Line No.	Description	Cycle 6 Apr-13	Cycle 6 May-13	Cycle 6 Jun-13	Cycle 6 Jul-13	Cycle 6 Aug-13	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	Total	Reference	Line No.
1	Coincident Peak Demand (KW):															1
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.2.3.1; Page 13.4; Ln. 155 x 1000	2
3	Primary	13,863	11,627	19,717	14,205	14,432	-	-	-	-	-	-	-	73,844	Section 3.2.3.1; Page 13.4; Ln. 159 x 1000	3
4	Transmission	65,044	77,646	71,637	87,827	66,654	-	-	-	-	-	-	-	368,808	Section 3.2.3.1; Page 13.4; Ln. 161 x 1000	4
5	Total	78,906	89,273	91,354	102,032	81,086	-	-	-	-	-	-	-	442,652	Sum Lines 2; 3; 4	5
6																6
7	Coincident Peak Demand Rates Per (\$/KW):	W	S	S	S	S	S	W	W	W	W	W	W			7
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Lines 15 & 16	8
9	Primary	\$ 0.4281951597	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Lines 15 & 16	9
10	Transmission	\$ 0.4281951597	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ 2.2738099052	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Lines 15 & 16	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8	13
14	Primary	5,936	26,437	44,833	32,300	32,816	-	-	-	-	-	-	-	142,322	Line 3 x Line 9	14
15	Transmission	27,851	176,552	162,890	199,701	151,559	-	-	-	-	-	-	-	718,553	Line 4 x Line 10	15
16	Total	\$ 33,787	\$ 202,989	\$ 207,723	\$ 232,001	\$ 184,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 860,875	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 33,787	\$ 202,989	\$ 207,723	\$ 232,001	\$ 184,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 860,875	Line 16	18

¹ Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU.

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Section 3.2.3.1
SAN DIEGO GAS AND ELECTRIC COMPANY
T04-Cycle 2 Annual Transmission Formulaic Rate Filing
SUMMARY of Derived Revenues at Present Rates from the WHOLESale Rates Developed in Cycle 6
For the 5-Month Period April 2013 through August 2013
17-Month True-Up Period (4/1/2012 - 8/31/2013)
Standby Customers

Line No.	Description	Cycle 6 Apr-13	Cycle 6 May-13	Cycle 6 Jun-13	Cycle 6 Jul-13	Cycle 6 Aug-13	-	-	-	-	-	-	-	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															1
2	Secondary	10,744	10,744	10,744	11,524	11,524	-	-	-	-	-	-	-	55,278	Section 3.2.3.1; Page 13.4; Ln. 168 x 1000	2
3	Primary	95,330	96,380	96,904	101,322	101,303	-	-	-	-	-	-	-	491,239	Section 3.2.3.1; Page 13.4; Ln. 172 x 1000	3
4	Transmission	60,474	61,418	61,418	61,547	61,387	-	-	-	-	-	-	-	306,244	Section 3.2.3.1; Page 13.4; Ln. 174 x 1000	4
5	Total	166,547	168,541	169,066	174,392	174,214	-	-	-	-	-	-	-	852,760	Sum Lines 2, 3, 4	5
6																6
7	Demand Rates Per (\$/KW):															7
8	Secondary	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ 4.3266942952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Line 20	8
9	Primary	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ 4.3266942980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Line 20	9
10	Transmission	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ 4.3266942985	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.2.3.1; Page 9; Line 20	10
11																11
12	Revenues at Present Rates:															12
13	Secondary	\$ 46,484	\$ 46,484	\$ 46,484	\$ 49,859	\$ 49,859	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 239,170	Line 2 x Line 8	13
14	Primary	412,462	417,006	419,276	438,387	438,309	-	-	-	-	-	-	-	2,125,440	Line 3 x Line 9	14
15	Transmission	261,653	265,737	265,737	266,295	265,603	-	-	-	-	-	-	-	1,325,025	Line 4 x Line 10	15
16	Total	\$ 720,599	\$ 729,227	\$ 731,497	\$ 754,541	\$ 753,771	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,689,635	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues at Present Rates	\$ 720,599	\$ 729,227	\$ 731,497	\$ 754,541	\$ 753,771	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,689,635	Line 16	18

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Section 3.2.3.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing; TO3 Final True-Up Adjustment Calculation

WHOLESALE - Rate Design Information

Summary of TO3-CYCLE-6 Wholesale Transmission Rates Based on TO3-CYCLE-6 Wholesale Cost of Service

Using TO3-CYCLE-6 Forecast Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Demand Rates \$/kW-Mo	Primary Demand Rates \$/kW-Mo	Secondary Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0292716446				Section 3.2.1.1; Page 12; Line 1	1
2							2
3	Small Commercial	\$ 0.0348897951				Section 3.2.1.1; Page 12; Line 3	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 9.6830469400	\$ 9.6830469417	\$ 9.6830469396	Section 3.2.1.1; Page 12; Line 6	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 8.7147422460	\$ 8.7147422475	\$ 8.7147422456	Section 3.2.1.1; Page 12; Line 8	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.9017375741	\$ 1.9017375741	\$ 1.9017375741	Section 3.2.1.1; Page 12; Line 11	11
12	Winter		\$ 0.4110510040	\$ 0.4110510040	\$ 0.4110510040	Section 3.2.1.1; Page 12; Line 12	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 2.2738099052	\$ 2.2738099052	\$ -	Section 3.2.1.1; Page 12; Line 15	15
16	Winter		\$ 0.4281951597	\$ 0.4281951597	\$ -	Section 3.2.1.1; Page 12; Line 16	16
17							17
18	Street Lighting	\$ 0.0187857815				Section 3.2.1.1; Page 12; Line 18	18
19							19
20	Standby Rate		\$ 4.3266942985	\$ 4.3266942980	\$ 4.3266942952	Section 3.2.1.1; Page 12; Line 20	20
	NOTES:						

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

Section 3.2.3.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
Revenue Data to Reflect Present Rates from the WHOLESAL Rates Developed in Cycle 5 and Cycle 6
Billing Determinants @ Transmission Level
True-Up Period (4/1/2012 - 8/31/2013)

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(G)		Line No.
		Apr-13		May-13		Jun-13		Jul-13		Aug-13		Not Applicable in FINAL TU		Sub-Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	565,057,710		560,172,869		585,447,321		705,737,459		638,956,384		-		3,055,371,743	-	1
2																2
3	Small Commercial ²	168,422,284		175,104,515		180,808,512		201,510,317		193,656,838		-		919,502,466	-	3
4																4
5	Medium-Large Commercial ³	832,982,479	2,156,182	880,001,171	2,327,027	762,266,047	2,127,495	1,102,820,005	2,603,962	913,348,912	2,348,140	-	-	4,491,418,613	11,562,806	5
6																6
7	Street Lighting ⁴	8,294,198		10,741,810		6,167,870		8,052,802		6,173,190		-		39,429,870	-	7
8																8
9	Sale for Resale ⁵	-		1,451		356		124		1,355		-		3,286	-	9
10																10
11	Standby Customers ⁶		166,547		168,541		169,066		174,392		174,214		-	-	852,760	11
12																12
13	TOTAL	1,574,756,670	2,322,730	1,626,021,815	2,495,569	1,534,690,106	2,296,561	2,018,120,707	2,778,354	1,752,136,680	2,522,354	-	-	8,505,725,977	12,415,567	13
14																14
NOTES:																
1	See Section 3.2.3.1; Page 13.1; Line 5 x 1000.															
2	See Section 3.2.3.1; Page 13.1; Line 9 x 1000.															
3	See Section 3.2.3.1; Pages 13.1; 13.2; 13.3; 13.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.															
4	See Section 3.2.3.1; Page 13.1; Line 25 x 1000.															
5	See Section 3.2.3.1; Page 13.1; Line 27 x 1000.															
6	See Section 3.2.3.1; Page 13.4; Line 176 x 1000.															

Section 3.2.3.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
Revenue Data to Reflect Present Rates from the WHOLESale Rates Developed in Cycle 5 and Cycle 6
Billing Determinants @ Transmission Level
True-Up Period (4/1/2012 - 8/31/2013)

		(H)		(I)		(J)		(K)		(L)		(M)		(N)		(O)		
		Not Applicable in FINAL TU		Not Applicable in FINAL TU		Not Applicable in FINAL TU		Not Applicable in FINAL TU		Not Applicable in FINAL TU		Not Applicable in FINAL TU		Sub-Total		Grand Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,055,371,743	-	1
2																		2
3	Small Commercial ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	919,502,456	-	3
4																		4
5	Medium-Large Commercial ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,491,418,613	11,562,806	5
6																		6
7	Street Lighting ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39,429,870	-	7
8																		8
9	Sale for Resale ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,286	-	9
10																		10
11	Standby Customers ⁶	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	852,760	11
12																		12
13	TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,505,725,977	12,415,567	13
14																		14
NOTES:																		
¹	See Section 3.2.3.1; Page 13.1; Line 5 x 1000.																	
²	See Section 3.2.3.1; Page 13.1; Line 9 x 1000.																	
³	See Section 3.2.3.1; Pages 13.1; 13.2; 13.3; 13.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.																	
⁴	See Section 3.2.3.1; Page 13.1; Line 25 x 1000.																	
⁵	See Section 3.2.3.1; Page 13.1; Line 27 x 1000.																	
⁶	See Section 3.2.3.1; Page 13.4; Line 176 x 1000.																	

Section 3.2.3.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Revenue Data to Reflect Present Rates from the WHOLESAL E Rates Developed in Cycle 5 and Cycle 6				
Total Billing Determinants @ Transmission Level				
True-Up Period (4/1/2012 - 8/31/2013)				
			(M)	
			5 - Months to Date	
Line	Billing Determinants @ Transmission Level			Line
No.	Customer Classes	Energy (kWh)	Demand (kW)	No.
1	Residential Customers	3,055,371,743	-	1
2				2
3	Small Commercial	919,502,466	-	3
4				4
5	Medium-Large Commercial	4,491,418,613	11,562,806	5
6				6
7	Street Lighting	39,429,870	-	7
8				8
9	Sale for Resale	3,286		9
10				10
11	Standby Customers	-	852,760	11
12				12
13	TOTAL	8,505,725,977	12,415,567	13
14				14

Section 3.2.3.1

San Diego Gas & Electric

Line No.	FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)													Line No.
1	SDG&E: System Delivery Determinants	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1
2	Customer Class Deliveries (MWh)	Apr-13	May-13	Jun-13	Jul-13	Aug-13								Total
3	Residential	540,363	535,692	559,862	674,895	611,032	0	0	0	0	0	0	0	2,921,844
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	4
5	Residential @ Transmission Level	565,058	560,173	585,447	705,737	638,956	0	0	0	0	0	0	0	3,055,372
6														6
7	Small Commercial	161,062	167,452	172,907	192,704	185,193	0	0	0	0	0	0	0	879,318
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	8
9	Small Commercial @ Transmission Level	168,422	175,105	180,809	201,510	193,657	0	0	0	0	0	0	0	919,502
10														10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	20,332	27,637	26,316	26,184	29,422	0	0	0	0	0	0	0	129,892
12	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	21,063	28,630	27,261	27,125	30,478	0	0	0	0	0	0	0	134,557
14														14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	726,246	753,591	647,761	972,512	795,266	0	0	0	0	0	0	0	3,895,376
16	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	752,333	780,659	671,028	1,007,444	823,832	0	0	0	0	0	0	0	4,035,296
18														18
19	Med. & Large Comm./Ind. (A6)	57,521	68,260	61,758	65,885	56,992	0	0	0	0	0	0	0	310,416
20	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	59,587	70,712	63,976	68,252	59,039	0	0	0	0	0	0	0	321,566
22														22
23	Lighting	7,932	10,272	5,898	7,701	5,903	0	0	0	0	0	0	0	37,707
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	24
25	Street Lighting @ Transmission Level	8,294	10,742	6,168	8,053	6,173	0	0	0	0	0	0	0	39,430
26														26
27	Sale for Resale	0.0	1.5	0.4	0.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
28	Total System Delivery@Meter Exclude Resale	1,513,456	1,562,906	1,474,502	1,939,880	1,683,810	0	0	0	0	0	0	0	8,174,555
29	Total System Delivery@Trans. Exclude Resale	1,574,757	1,626,020	1,534,690	2,018,121	1,752,135	0	0	0	0	0	0	0	8,505,723
30	Med. & Large Comm./Ind.													30
31	Rate Schedule Billing Determinants													31
32		Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	32
33	Schedules AD/ PA-T-1:Applicable to 100% NCD	Apr-13	May-13	Jun-13	Jul-13	Aug-13								Total
34	Total Deliveries (MWh)	20,332	27,637	26,316	26,184	29,422	0	0	0	0	0	0	0	129,892
35														35
36	Total Deliveries (%)													36
37	% @ Secondary Service	92.68%	89.38%	86.69%	94.27%	85.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	89.53%
38	% @ Primary Service	7.32%	10.62%	13.31%	5.73%	14.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.47%
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
40		100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
41	Total Deliveries (MWh)													41
42	MWh @ Secondary Service	18,844	24,702	22,813	24,684	25,250	0	0	0	0	0	0	0	116,293
43	MWh @ Primary Service	1,488	2,935	3,503	1,500	4,172	0	0	0	0	0	0	0	13,598
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
45		20,332	27,637	26,316	26,184	29,422	0	0	0	0	0	0	0	129,892

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Section 3.2.3.1

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)

Line No.	San Diego Gas & Electric													Line No.	
FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)															
46	Non-Coincident Demand (%)													46	
47	% @ Secondary Service	0.3762%	0.3319%	0.3237%	0.3006%	0.2980%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.3235%	47
48	% @ Primary Service	0.4940%	0.3792%	0.4573%	0.8078%	0.4538%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.4821%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50															50
51	Non-Coincident Demand (MW)													51	
52	MW @ Secondary Service	70.891	81.987	73.847	74.199	75.244	0.000	0.000	0.000	0.000	0.000	0.000	0.000	376.169	52
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		53
54	Non-Coincident Demand @ Transmission Level	74.131	85.734	77.222	77.590	78.682	0.000	0.000	0.000	0.000	0.000	0.000	0.000	393.359	54
55															55
56	MW @ Primary Service	7.352	11.130	16.018	12.120	18.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	65.552	56
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		57
58	Non-Coincident Demand @ Transmission Level	7.432	11.250	16.191	12.251	19.137	0.000	0.000	0.000	0.000	0.000	0.000	0.000	66.260	58
59															59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	78.244	93.117	89.865	86.319	94.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	441.721	61
62	Non-Coincident Demand @ Transmission Level	81.563	96.984	93.413	89.841	97.819	0.000	0.000	0.000	0.000	0.000	0.000	0.000	459.620	62
63															63
64															64
65	Schedules AL-TOU / AY-TOU / DG-R:	Apr-13	May-13	Jun-13	Jul-13	Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total	65
66	Applicable to 90% NCD - Total Deliveries (MWh)	726,246	753,591	647,761	972,512	795,266								3,895,376	66
67															67
68	Total Deliveries (%)													68	
69	% @ Secondary Service	80.85%	81.33%	94.40%	67.42%	80.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.86%	69
70	% @ Primary Service	18.49%	17.18%	3.34%	31.45%	17.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.79%	70
71	% @ Transmission Service	0.66%	1.49%	2.26%	1.13%	1.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.35%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	72
73	Total Deliveries (MWh)													73	
74	MWh @ Secondary Service	587,170	612,895	611,486	655,667	643,609	0	0	0	0	0	0	0	3,110,828	74
75	MWh @ Primary Service	134,283	129,467	21,635	305,855	140,603	0	0	0	0	0	0	0	731,843	75
76	MWh @ Transmission Service	4,793	11,229	14,639	10,989	11,054	0	0	0	0	0	0	0	52,705	76
77		726,246	753,591	647,761	972,512	795,266	0	0	0	0	0	0	0	3,895,376	77
78															78
79	Non-Coincident Demand (%)													79	
80	% @ Secondary Service	0.2707%	0.2815%	0.2723%	0.2619%	0.2693%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2710%	80
81	% @ Primary Service	0.2133%	0.2180%	0.6690%	0.1889%	0.2150%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2177%	81
82	% @ Transmission Service	0.2057%	0.1355%	0.2296%	0.2059%	0.2067%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1976%	82
83															83
84	Non-Coincident Demand (MW)													84	
85	MW @ Secondary Service	1,589.470	1,725.301	1,665.077	1,717.193	1,733.239	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8,430.279	85
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		86
87	Non-Coincident Demand @ Transmission Level	1,662.109	1,804.147	1,741.172	1,795.669	1,812.448	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8,815.544	87

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San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)

Line No.	San Diego Gas & Electric													Line No.	
FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)															
88														88	
89	MW @ Primary Service	286.426	282.238	144.740	577.760	302.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,593.460	89
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		90
91	Non-Coincident Demand @ Transmission Level	289.519	285.286	146.303	584.000	305.561	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,610.669	91
92															
93	MW @ Transmission Service	9.860	15.215	33.612	22.627	22.849	0.000	0.000	0.000	0.000	0.000	0.000	0.000	104.163	93
94	Non-Coincident Demand @ Meter Level	1,885.755	2,022.753	1,843.429	2,317.580	2,058.384	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10,127.902	94
95	Non-Coincident Demand @ Transmission Level	1,961.487	2,104.648	1,921.086	2,402.295	2,140.858	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10,530.375	95
96															
97	On-Peak Demand (%)														
98	% @ Secondary Service	0.2188%	0.2401%	0.2551%	0.2454%	0.2527%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2428%	98
99	% @ Primary Service	0.1937%	0.2037%	0.6540%	0.1991%	0.2329%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2189%	99
100	% @ Transmission Service	0.4871%	0.3427%	0.3342%	0.4656%	0.2741%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.3647%	100
101															
102	On-Peak Demand (MW)	W	S	S	S	S	S	W	W	W	W	W	W	Total	102
103	MW @ Secondary Service	1,284.728	1,471.562	1,559.902	1,609.008	1,626.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7,551.600	103
104	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		104
105	On-Peak Demand @ Transmission Level	1,343.441	1,538.812	1,631.189	1,682.539	1,700.726	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7,896.708	105
106															
107	MW @ Primary Service	260.106	263.724	141.494	608.957	327.465	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,601.746	107
108	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080		108
109	On-Peak Demand @ Transmission Level	262.915	266.572	143.022	615.534	331.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,619.045	109
110															
111	MW @ Transmission Service	23.348	38.480	48.925	51.167	30.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	192.219	111
112	On-Peak Demand @ Meter Level	1,568.182	1,773.766	1,750.321	2,269.131	1,984.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9,345.565	112
113	On-Peak Demand @ Transmission Level	1,629.704	1,843.865	1,823.137	2,349.240	2,062.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9,707.972	113
114															
115															
116	Schedule A6-TOU:	Apr-13	May-13	Jun-13	Jul-13	Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total	116
117	Total Deliveries (MWh)	57,521	68,260	61,758	65,885	56,992								310,416	117
118															
119	Total Deliveries (%)														
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	13.35%	13.30%	12.85%	11.25%	17.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.51%	121
122	% @ Transmission Service	86.65%	86.70%	87.15%	88.75%	82.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	86.49%	122
123		100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	123
124	Total Deliveries (MWh)														
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	7,679	9,079	7,936	7,412	9,820	0	0	0	0	0	0	0	41,925	126
127	MWh @ Transmission Service	49,842	59,181	53,822	58,473	47,172	0	0	0	0	0	0	0	268,491	127
128		57,521	68,260	61,758	65,885	56,992	0	0	0	0	0	0	0	310,416	128
129	Non-Coincident Demand (%)														
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.2028%	0.2411%	0.1640%	0.1455%	0.2312%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2003%	131
132	% @ Transmission Service	0.1954%	0.1745%	0.1855%	0.1726%	0.1834%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1817%	132

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San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)

Line No.	FERC Recorded Sales @ Transmission Level for the Period: April 2013 - August 2013 (Updated and Verified by RRF)													Line No.	
133															133
134	Non-Coincident Demand (MW)														134
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
136	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136
137	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137
138															138
139	MW @ Primary Service	15.573	21.888	13.015	10.785	22.703	0.000	0.000	0.000	0.000	0.000	0.000	0.000	83.964	139
140	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	140
141	Non-Coincident Demand @ Transmission Level	15.741	22.125	13.155	10.901	22.948	0.000	0.000	0.000	0.000	0.000	0.000	0.000	84.871	141
142															142
143	MW @ Transmission Service	97.391	103.271	99.840	100.925	86.514	0.000	0.000	0.000	0.000	0.000	0.000	0.000	487.941	143
144	Non-Coincident Demand @ Meter Level	112.964	125.160	112.855	111.709	109.217	0.000	0.000	0.000	0.000	0.000	0.000	0.000	571.905	144
145	Non-Coincident Demand @ Transmission Level	113.132	125.396	112.996	111.826	109.462	0.000	0.000	0.000	0.000	0.000	0.000	0.000	572.812	145
146															146
147	Coincident Peak Demand (%)														147
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148
149	% @ Primary Service	0.1786%	0.1267%	0.2458%	0.1896%	0.1454%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1743%	149
150	% @ Transmission Service	0.1305%	0.1312%	0.1331%	0.1502%	0.1413%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1374%	150
151															151
152	Coincident Peak Demand (MW)														152
		W	S	S	S	S	S	W	W	W	W	W	W	Total	
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153
154	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	154
155	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	155
156															156
157	MW @ Primary Service	13.715	11.503	19.506	14.053	14.278	0.000	0.000	0.000	0.000	0.000	0.000	0.000	73.055	157
158	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	158
159	Coincident Peak Demand@Transmission Level	13.863	11.627	19.717	14.205	14.432	0.000	0.000	0.000	0.000	0.000	0.000	0.000	73.844	159
160															160
161	MW @ Transmission Service	65.044	77.646	71.637	87.827	66.654	0.000	0.000	0.000	0.000	0.000	0.000	0.000	368.808	161
162	Coincident Peak Demand@Meter Level	78.758	89.148	91.144	101.880	80.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	441.863	162
163	Coincident Peak Demand@Transmission Level	78.906	89.273	91.354	102.032	81.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000	442.652	163
164	Schedule S: Standby Determinants:														164
		Apr-13	May-13	Jun-13	Jul-13	Aug-13	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Total	
165	Contracted Standby Demand (MW)														165
166	MW @ Secondary Service	10.274	10.274	10.274	11.02	11.02	0	0	0	0	0	0	0	52.862	166
167	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	167
168	Standby Demand @ Transmission Level	10.744	10.744	10.744	11.524	11.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000	55.278	168
169															169
170	MW @ Primary Service	94.311	95.35	95.869	100.239	100.221	0	0	0	0	0	0	0	485.990	170
171	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	171
172	Standby Demand @ Transmission Level	95.330	96.380	96.904	101.322	101.303	0.000	0.000	0.000	0.000	0.000	0.000	0.000	491.239	172
173															173
174	MW @ Transmission Service	60.474	61.418	61.418	61.547	61.387	0	0	0	0	0	0	0	306.244	174
175	Standby Demand@Meter Level	165.059	167.042	167.561	172.806	172.628	0	0	0	0	0	0	0	845.096	175
176	Standby Demand@Transmission Level	166.547	168.541	169.066	174.392	174.214	0.000	0.000	0.000	0.000	0.000	0.000	0.000	852.760	176
177															177

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San Diego Gas & Electric
FERC Recorded Period: April 2013 - August 2013

SDG&E: System Delivery Determinants													
	<u>Apr-13</u>	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Total</u>
Customer Class Deliveries (MWh)													
Residential	540,363	535,692	559,862	674,895	611,032	0	0	0	0	0	0	0	2,921,844
Small Commercial	161,062	167,452	172,907	192,704	185,193	0	0	0	0	0	0	0	879,318
Med. & Large Comm./Ind. (AD + PA-T-1)	20,332	27,637	26,316	26,184	29,422	0	0	0	0	0	0	0	129,892
Med. & Large Comm./Ind. (AL + AY + DGR)	726,246	753,591	647,761	972,512	795,266	0	0	0	0	0	0	0	3,895,376
Med. & Large Comm./Ind. (A6)	57,521	68,260	61,758	65,885	56,992	0	0	0	0	0	0	0	310,416
Lighting	7,932	10,272	5,898	7,701	5,903	0	0	0	0	0	0	0	37,707
Sale for Resale	0.0	1.5	0.4	0.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Total System	1,513,456	1,562,906	1,474,502	1,939,880	1,683,810	0	0	0	0	0	0	0	8,174,555
Med. & Large Comm./Ind. Rate Schedule Billing Determinants													
Schedules AD / PA-T-1:	<u>Apr-13</u>	<u>May-13</u>	<u>Jun-13</u>	<u>Jul-13</u>	<u>Aug-13</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Total</u>
Total Deliveries (MWh)	20,332	27,637	26,316	26,184	29,422	0	0	0	0	0	0	0	129,892
Total Deliveries (%)													
% @ Secondary Service	92.68%	89.38%	86.69%	94.27%	85.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	89.53%
% @ Primary Service	7.32%	10.62%	13.31%	5.73%	14.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.47%
% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	18,844	24,702	22,813	24,684	25,250	0	0	0	0	0	0	0	116,293
MWh @ Primary Service	1,488	2,935	3,503	1,500	4,172	0	0	0	0	0	0	0	13,598
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
	20,332	27,637	26,316	26,184	29,422	0	0	0	0	0	0	0	129,892
Non-Coincident Demand (%)													
% @ Secondary Service	0.3762%	0.3319%	0.3237%	0.3006%	0.2980%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.3235%
% @ Primary Service	0.4940%	0.3792%	0.4573%	0.8078%	0.4538%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.4821%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Non-Coincident Demand (MW)													
MW @ Secondary Service	70.891	81.987	73.847	74.199	75.244	0.000	0.000	0.000	0.000	0.000	0.000	0.000	376.169
MW @ Primary Service	7.352	11.130	16.018	12.120	18.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	65.552
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	78.244	93.117	89.865	86.319	94.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	441.721

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San Diego Gas & Electric
FERC Recorded Period: April 2013 - August 2013

Schedules AL-TOU / AY-TOU / DG-R:	Apr-13	May-13	Jun-13	Jul-13	Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total
Total Deliveries (MWh)	726,246	753,591	647,761	972,512	795,266	0	0	0	0	0	0	0	3,895,376
Total Deliveries (%)													
% @ Secondary Service	80.85%	81.33%	94.40%	67.42%	80.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.86%
% @ Primary Service	18.49%	17.18%	3.34%	31.45%	17.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.79%
% @ Transmission Service	0.66%	1.49%	2.26%	1.13%	1.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.35%
	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	587,170	612,895	611,486	655,667	643,609	0	0	0	0	0	0	0	3,110,828
MWh @ Primary Service	134,283	129,467	21,635	305,855	140,603	0	0	0	0	0	0	0	731,843
MWh @ Transmission Service	4,793	11,229	14,639	10,989	11,054	0	0	0	0	0	0	0	52,705
	726,246	753,591	647,761	972,512	795,266	0	0	0	0	0	0	0	3,895,376
Non-Coincident Demand (%)													
% @ Secondary Service	0.2707%	0.2815%	0.2723%	0.2619%	0.2693%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2710%
% @ Primary Service	0.2133%	0.2180%	0.6690%	0.1889%	0.2150%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2177%
% @ Transmission Service	0.2057%	0.1355%	0.2296%	0.2059%	0.2067%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1976%
Non-Coincident Demand (MW)													
MW @ Secondary Service	1,589.470	1,725.301	1,665.077	1,717.193	1,733.239	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8,430.279
MW @ Primary Service	286.426	282.238	144.740	577.760	302.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,593.460
MW @ Transmission Service	9.860	15.215	33.612	22.627	22.849	0.000	0.000	0.000	0.000	0.000	0.000	0.000	104.163
	1,885.755	2,022.753	1,843.429	2,317.580	2,058.384	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10,127.902
On-Peak Demand (%)													
% @ Secondary Service	0.2188%	0.2401%	0.2551%	0.2454%	0.2527%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2428%
% @ Primary Service	0.1937%	0.2037%	0.6540%	0.1991%	0.2329%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2189%
% @ Transmission Service	0.4871%	0.3427%	0.3342%	0.4656%	0.2741%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.3647%
On-Peak Demand (MW)													
MW @ Secondary Service	1,284.728	1,471.562	1,559.902	1,609.008	1,626.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7,551.600
MW @ Primary Service	260.106	263.724	141.494	608.957	327.465	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,601.746
MW @ Transmission Service	23.348	38.480	48.925	51.167	30.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	192.219
	1,568.182	1,773.766	1,750.321	2,269.131	1,984.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9,345.565

000145

San Diego Gas & Electric
FERC Recorded Period: April 2013 - August 2013

Schedule A6-TOU:	Apr-13	May-13	Jun-13	Jul-13	Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total
Total Deliveries (MWh)	57,521	68,260	61,758	65,885	56,992	0	0	0	0	0	0	0	310,416
Total Deliveries (%)													
% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% @ Primary Service	13.35%	13.30%	12.85%	11.25%	17.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.51%
% @ Transmission Service	86.65%	86.70%	87.15%	88.75%	82.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	86.49%
	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Total Deliveries (MWh)													
MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Primary Service	7,679	9,079	7,936	7,412	9,820	0	0	0	0	0	0	0	41,925
MWh @ Transmission Service	49,842	59,181	53,822	58,473	47,172	0	0	0	0	0	0	0	268,491
	57,521	68,260	61,758	65,885	56,992	0	0	0	0	0	0	0	310,416
Non-Coincident Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.2028%	0.2411%	0.1640%	0.1455%	0.2312%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2003%
% @ Transmission Service	0.1954%	0.1745%	0.1855%	0.1726%	0.1834%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1817%
Non-Coincident Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	15.573	21.888	13.015	10.785	22.703	0.000	0.000	0.000	0.000	0.000	0.000	0.000	83.964
MW @ Transmission Service	97.391	103.271	99.840	100.925	86.514	0.000	0.000	0.000	0.000	0.000	0.000	0.000	487.941
	112.964	125.160	112.855	111.709	109.217	0.000	0.000	0.000	0.000	0.000	0.000	0.000	571.905
Coincident Peak Demand (%)													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.1786%	0.1267%	0.2458%	0.1896%	0.1454%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1743%
% @ Transmission Service	0.1305%	0.1312%	0.1331%	0.1502%	0.1413%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1374%
Coincident Peak Demand (MW)													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	13.715	11.503	19.506	14.053	14.278	0.000	0.000	0.000	0.000	0.000	0.000	0.000	73.055
MW @ Transmission Service	65.044	77.646	71.637	87.827	66.654	0.000	0.000	0.000	0.000	0.000	0.000	0.000	368.808
	78.758	89.148	91.144	101.880	80.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	441.863
Schedule S: Standby Determinants:	Apr-13	May-13	Jun-13	Jul-13	Aug-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total
Contracted Standby Demand (MW)													
MW @ Secondary Service	10.274	10.274	10.274	11.020	11.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.862
MW @ Primary Service	94.311	95.350	95.869	100.239	100.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	485.990
MW @ Transmission Service	60.474	61.418	61.418	61.547	61.387	0.000	0.000	0.000	0.000	0.000	0.000	0.000	306.244
	165.059	167.042	167.561	172.806	172.628	0.000	0.000	0.000	0.000	0.000	0.000	0.000	845.096

00145

San Diego Gas & Electric Company

Section 3.3.1

Derivation of CAISO Cost of Service
(COS) for the 17-Month FINAL
True-Up Period.

Docket No. ER15-____-____

Section 3.3.1

San Diego Gas & Electric Company

000148

Statement BK-2

Derivation of CAISO Transmission Cost of Service

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No.		Amounts	Reference	Line No.
1	Transmission Operation & Maintenance Expense	\$ 93,096	Statement AH; Page 5, Line 6	1
2				2
3	Transmission Related A&G Expenses	71,139	Statement AH; Page 5, Line 52	3
4				4
5	CPUC Intervener Funding Expense	-	Not Recoverable From Wholesale Customers	5
6				6
7	Total O&M Expenses	\$ 164,235	Sum Lines 1; 3; and 5	7
8				8
9	Trans, Intang., Gen. and Comm. Depr. & Amort. Expense	133,557	Statement AJ; Page 7, Line 17	9
10				10
11	Valley Rainbow Project Cost Amortization Expense	2,678	Statement AJ; Page 7, Line 19	11
12				12
13	Transmission Related Property Taxes Expense	31,309	Statement AK; Page 8, Line 27	13
14				14
15	Transmission Related Payroll Taxes Expense	3,119	Statement AK; Page 8, Line 34	15
16				16
17	Subtotal Expense	\$ 334,898	Sum Lines (7 thru 15)	17
18				18
19	Cost of Capital Rate (AFCR _{CP})	12.7557%	Statement AV; Page 14, Line 33	19
20				20
21	Transmission Rate Base	\$ 2,559,497	Statement BK-2; Pg 2, Line 20	21
22				22
23	Return and Associated Income Taxes	\$ 326,483	(Line 19 x Line 21)	23
24	True-Up Period Adjustment Factor	1.42	Ratio of (17 Months / 12 Months)	24
25	True-Up Period Return and Associated Income Taxes	463,606	(Line 23 X Line 24)	25
26	South Georgia Income Tax Adjustment	-	Not Recoverable From Wholesale Customers	26
27	Transmission Related Amortization of ITC	(375)	Statement AR; Page 11, Line 1	27
28	Trans. Related Amort of Excess Deferred Tax Liability	(204)	Statement AR; Page 11, Line 3	28
29	Transmission Related Revenue Credits	(4,527)	Statement AU; Page 12, Line 15	29
30				30
31	End of Prior Year Revenue (PYRR _{CAISO})	\$ 793,398	Line 17 + Sum of Lines (25 thru 29)	31
32				32
33	Transmission Related Municipal Franchise Expenses	8,152	Line 29 x 1.0275%	33
34	Transmission Related Uncollectible Expense	-	Not Applicable on Wholesale Customers	34
35				35
36	End of Prior Year Revenue (PYRR _{CAISO})	\$ 801,550	Sum Lines (31 thru 34)	36
	NOTE:			
	¹ The costs show summary cost :		BK2 and brought forward to	

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Section 3.3.1
San Diego Gas & Electric Company
Statement BK-2
Derivation of CAISO Transmission Cost of Service
True Up Period (4/1/2012 - 8/31/2013)
(\$1,000)

000149

Line No.	Amounts	Reference	Line No.
1	<u>Net Transmission Plant:</u>		1
2	Transmission Plant	\$ 2,724,049	Statement BK-2; Pg 3; Line 16
3	Electric Miscellaneous Intangible Plant	6,224	Statement BK-2; Pg 3; Line 17
4	Transmission Related General Plant	20,581	Statement BK-2; Pg 3; Line 18
5	Transmission Related Common Plant	38,836	Statement BK-2; Pg 3; Line 19
6	Net Transmission Plant	\$ 2,789,690	Sum Lines (2 thru 5)
7			7
8	<u>Rate Base Reductions:</u>		8
9	Transmission Related Accumulated Deferred Taxes	\$ (288,856)	Statement AF; Page 3, Line 3
10			10
11	<u>Rate Base Additions</u>		11
12	Plant Held for Future Use	\$ 14,683	Statement AG; Page 4, Line 4
13			13
14	<u>Working Capital:</u>		14
15	Transmission Related Material and Supplies	\$ 18,807	Statement AL; Page 9, Line 5
16	Transmission Related Prepayments	10,720	Statement AL; Page 9, Line 9
17	Transmission Related Cash Working Capital - Wholesale	14,453	Statement AL; Page 9, Line 23
18	Total Working Capital	\$ 43,980	Sum Lines (15 thru 17)
19			19
20	Total Transmission Rate Base	\$ 2,559,497	Sum Lines 6; 9; 12; 18

Section 3.3.1
San Diego Gas & Electric Company
Statement BK-2
Derivation of CAISO Transmission Cost of Service
True Up Period (4/1/2012 - 8/31/2013)
(\$1,000)

000150

Line No.	Amounts	Reference	Line No.
1	<u>Gross Transmission Plant:</u>		1
2	Transmission Plant	\$ 3,310,985	Statement AD; Page 1, Line 23
3	Electric Miscellaneous Intangible Plant	7,728	Statement AD; Page 1, Line 27
4	Transmission Related General Plant	35,263	Statement AD; Page 1, Line 29
5	Transmission Related Common Plant	74,061	Statement AD; Page 1, Line 31
6	Gross Transmission Plant	\$ 3,428,037	Sum Lines (2 thru 5)
7			7
8	<u>Accumulated Depreciation Reserve:</u>		8
9	Transmission Related Depreciation Reserve	\$ 586,936	Statement AE; Page 2, Line 1
10	Electric Miscellaneous Intangible Depreciation Reserve	1,504	Statement AE; Page 2, Line 11
11	Transmission Related General Plant Depr Reserve	14,682	Statement AE; Page 2, Line 13
12	Transmission Related Common Plant Depr Reserve	35,225	Statement AE; Page 2, Line 15
13	Transmission Related Depreciation Reserve	\$ 638,347	Sum Lines (9 thru 12)
14			14
15	<u>Net Transmission Plant:</u>		15
16	Transmission Plant	\$ 2,724,049	Line 2 Minus Line 9
17	Electric Miscellaneous Intangible Plant	6,224	Line 3 Minus Line 10
18	Transmission Related General Plant	20,581	Line 4 Minus Line 11
19	Transmission Related Common Plant	38,836	Line 5 Minus Line 12
20	Total Net Plant	\$ 2,789,690	Sum Lines (16 thru 19)

SAN DIEGO GAS AND ELECTRIC COMPANY

000153

Statement AF

Deferred Credits

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No		Amounts	Reference	Line No
1	Transmission Related ADIT- Excluding Bonus Depreciation	(212,199)	Stmnt AF WP; Col. C; Line 1	1
2				2
3	Transmission Related ADIT From Bonus Depreciation	(76,657)	Stmnt AF WP; Col. C; Line 3	3
4				4
5	Total Transmission Related Accumulated Deferred Taxes	\$ (288,856)	Sum of Line 1 and 3	5

SAN DIEGO GAS AND ELECTRIC COMPANY

000155

Statement AH

Operation and Maintenance Expenses

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No.		Amounts	Reference	Line No.
1	<u>Derivation of Transmission Operation and Maintenance Expense:</u>			1
2	Total Transmission Expenses	\$ 120,983	Stmnt AH WP; Page-AH; Line 2	2
3	Less: Account (561) - Load Dispatching	(13,217)	Stmnt AH WP; Page-AH; Line 3	3
4	Less: Account (565) - Transmission of Electricity by Others	(7,361)	Stmnt AH WP; Page-AH; Line 4	4
5	Less: Account (566) - Miscellaneous Transmission Expenses	(7,309)	Stmnt AH WP; Page-AH; Line 5	5
6	Total Transmission O&M Expenses Including Intervener Compensation Costs	\$ 93,096	Sum Lines 2 through 5	6
7	Less: CPUC Intervener Funding Expenses (See Statement BK1; Page 1; Line 6)	-	Stmnt AH WP; Page-AH; Line 9	7
8	Total Transmission O&M Expense (See Statement BK1; Page 1; Line 2)	\$ 93,096	Sum Lines 6 through 7	8
9				9
10	<u>Derivation of Administrative and General Expense:</u>			10
11	Total Administrative & General Expenses	\$ 477,715	Stmnt AH WP; Page-AH; Line 11	11
12	Adjustments to Per Book A&G expenses:			12
13	Nuclear Property Insurance Expenses	(1,023)	Stmnt AH WP; Page-AH; Line 13	13
14	Nuclear Liability Insurance Expenses	(574)	Stmnt AH WP; Page-AH; Line 14	14
15	CPUC Energy Efficiency Programs	(292)	Stmnt AH WP; Page-AH; Line 15	15
16	Wildfire Damage Claims Alloc - True-Up Period	(13,581)	Stmnt AH WP; Page-AH; Line 16	16
17	Wildfire Insurance Premium Allocation - True-Up Period	(2,173)	Stmnt AH WP; Page-AH; Line 17	17
18	CPUC Energy Efficiency Programs	(646)	Stmnt AH WP; Page-AH; Line 18	18
19	Intervenor Compensation (SRA)	(540)	Stmnt AH WP; Page-AH; Line 19	19
20	CPUC Reimbursement Fees	(6,523)	Stmnt AH WP; Page-AH; Line 20	20
21	Litigation Expense	(485)	Stmnt AH WP; Page-AH; Line 21	21
22	CPUC Energy Efficiency Programs Expenses	(68)	Stmnt AH WP; Page-AH; Line 22	22
23	CPUC Energy Efficiency Programs Expenses	(3,064)	Stmnt AH WP; Page-AH; Line 23	23
24	AMI Lease Facilities	(471)	Stmnt AH WP; Page-AH; Line 24	24
25	Hazardous Substances	(17)	Stmnt AH WP; Page-AH; Line 25	25
26	Total Adjusted A&G Expenses Before Excluding Property Insurance	\$ 448,258	Sum Lines 11 thru 25	26
27	Property Insurance (Reflected on Line 44 below due to different allocation factor)	(9,762)	Stmnt AH WP; Page-AH; Line 27	27
28	Total Adjusted A&G Expenses Excluding Property Insurance	\$ 438,496	Sum Lines 26 thru 27	28
29	Transmission Wages and Salaries Allocation Factor	15.46%	Statement AI; Line 19	29
30	Total Transmission Related Administrative and General Expense	\$ 67,791	Line 28 x Line 29	30
31				31
32	<u>Derivation of Transmission Plant Property Insurance Allocation Factor:</u>			32
33	Transmission Plant	\$ 3,310,985	Statement AD-WP; Line 23	33
34	Transmission Related General Plant	35,263	Statement AD-WP; Line 29	34
35	Transmission Related Common Plant	74,061	Statement AD-WP; Line 31	35
36	Total	\$ 3,420,309	Sum Lines (33 thru 35)	36
37				37
38	Total Transmission Plant	\$ 3,310,985	Statement AD-WP; Line 23	38
39	Total Steam Production Plant	498,149	Statement AD-WP; Line 3	39
40	Total Other Production Plant	473,174	Statement AD-WP; Line 9	40
41	Total Nuclear Production Plant	-	N/A in Ratio Development	41
42	Total Distribution plant	4,982,579	Statement AD-WP; Col.C; Line 15	42
43	Total General Plant	228,095	Statement AD-WP; Col.C; Line 17	43
44	Total Common Plant	479,048	Statement AD-WP; Col.C; Line 19	44
45	Total Plant in Service Excluding SONGS	\$ 9,972,029	Sum Lines (38 thru 44)	45
46				46
47	Transmission Plant Property Insurance Allocation Factor	34.30%	Line 36 / Line 45	47
48				48
49	Total Property Insurance	\$ 9,762	See Line 27 Above	49
50				50
51	Property Insurance Allocated to Transmission, General, and Common Plant	3,348	Line 47 x Line 49	51
52				52
53	Transmission Related A & G Expenses	67,791	See Line 30 Above	53
54				54
55	Transmission Related A & G Expenses Including Property Insurance	\$ 71,139	Line 51 + Line 53	55

SAN DIEGO GAS AND ELECTRIC COMPANY

000156

Statement AI

Wages and Salaries

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No.		Amounts	Reference	Line No.
1	Production Wages & Salaries	\$ 16,971	Stmnt AI WP; Page-A11; Line 1	1
2				2
3	Transmission Wages & Salaries	28,803	Stmnt AI WP; Page-A11; Line 3	3
4				4
5	Distribution Wages & Salaries	79,401	Stmnt AI WP; Page-A11; Line 5	5
6				6
7	Customer Accounts Wages & Salaries	34,361	Stmnt AI WP; Page-A11; Line 7	7
8				8
9	Customer Services and Informational Wages & Salaries	26,711	Stmnt AI WP; Page-A11; Line 9	9
10				10
11	Sales Wages & Salaries	-	Stmnt AI WP; Page-A11; Line 11	11
12				12
13	Subtotal	\$ 186,247	Sum { Lines 1 thru 11 }	13
14				14
15	Administrative Wages & Salaries	28,603	Stmnt AI WP; Page-A11; Line 15	15
16				16
17	Total Operating & Maintenance Wages & Salaries	\$ 214,850	Line 13 + Line 15	17
18				18
19	Transmission Wages and Salaries Allocation Factor	15.46%	Line 3 / Line 13	19
	NOTES:			

SAN DIEGO GAS AND ELECTRIC COMPANY

Statement AK

000158

**Taxes Other Than Income Taxes
True Up Period (4/1/2012 - 8/31/2013)
(\$1,000)**

Line No.		Amounts	Reference	Line No.
1	Total Property Taxes ¹	\$ 99,650		1
2				2
3	Other Taxes (Business license taxes)	\$ 60	See Footnote 1	3
4				4
5	Net Property Taxes	\$ 99,590	Line 1 - Line 3	5
6				6
7	SONGS Property Taxes ²	6,582	See Footnote 2	7
8				8
9	Total Property Taxes Less SONGS	93,008	Line 5 minus Line 7	9
10				10
11				11
12				12
13	Derivation of Transmission Related Property Tax Allocation Factor:			13
14	Transmission Plant	\$ 3,310,985	Statement AD-WP; Line 23	14
15	Total Miscellaneous Intangible Plant	7,728	Statement AD-WP; Line 27	15
16	Transmission Related General Plant	35,263	Statement AD-WP; Line 29	16
17	Transmission Related Common Plant	74,061	Statement AD-WP; Line 31	17
18	Total	\$ 3,428,037	Sum Lines 13 thru 16	18
19				19
20	Total Nuclear Plant	\$ -	N/A in Ratio Development	20
21	Total Steam Plant	498,149	Statement AD-WP; Line 3	21
22	Total Other Production Plant	473,174	Statement AD-WP; Line 9	22
23	Total Transmission plant	3,310,985	Statement AD-WP; Line 23	23
24	Total Miscellaneous Intangible Plant	49,990	Statement AD-WP; Line 1	24
25	Total Distribution plant	4,982,579	Statement AD-WP; Col.C; Line 15	25
26	Total General Plant	228,095	Statement AD-WP; Col.C; Line 17	26
27	Total Common Plant	479,048	Statement AD-WP; Col.C; Line 19	27
28	Total Investment in Plant Excluding SONGS	\$ 10,022,019	Sum Lines 20 thru 27	28
29				29
30	Transmission Related Property Tax Allocation Factor	34.21%	Line 18 / Line 28	30
31				31
32	Transmission Related Property Taxes Expense	\$ 31,818	Line 9 x Line 30	32
33				33
34	Less: Citizens Allocated Property Taxes ³	\$ 509	See Page AK-1; Col. E; Line 1	34
35				35
36	Adjusted Transmission Related Property Tax Expense	\$ 31,309	Line 32 minus Line 34	36
37				37
38	Payroll Taxes:	\$ 20,630		38
39				39
40	Transmission Wages and Salaries Allocation Factor	15.46%	Statement AI; Line 19	40
41				41
42	Transmission Related Payroll Taxes Expense	\$ 3,189	Line 38 x Line 40	42
43				43
44	Less: Citizens Allocated Payroll Taxes ⁴	\$ 70	See Page AK-2; Col. E; Line 1	44
45				45
46	Total Transmission Related Payroll Taxes	\$ 3,119	Line 42 - Line 44	46

¹ The amount of property taxes expense reflected in the general ledger for the true-up period equals \$99,650 million and includes other taxes besides ad valorem taxes. These other taxes consists of \$60K business license taxes and Citizens property taxes associated with the Border-East Line

² The amount of property tax expense reflected in the general ledger for the true-up period for SONGS facilities is \$6.582 million.

³ Line 34 represents Property Taxes allocated and charged to Citizens during th 17-Month True-Up Period equal to \$509,073 (see Page AK-1). This amount is being removed to avoid double recovery on that portion of Citizens Border-East Line.

⁴ Line 44 represents Payroll Taxes allocated and charged to Citizens during th 17-Month True-Up Period equal to \$69,851 (see Page AK-2). This amount is being removed to avoid double recovery on that portion of Citizens Border-East Line.

SAN DIEGO GAS AND ELECTRIC COMPANY

Statement AQ

000160

Federal Income Tax Deductions, Other Than Interest

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No.		Amounts	Reference	Line No.
1	South Georgia Income Tax Adjusment	\$ 3,305	Stmnt AQ WP; Page-AQ; Line 1	1

SAN DIEGO GAS AND ELECTRIC COMPANY

Statement AV

000163

Cost of Capital and Fair Rate of Return

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No.					Amounts	Reference	Line No.
1	Long-Term Debt Component - Denominator:						1
2	(Plus): Account 221 - Bonds				\$ 3,666,725	Stmnt AV WP; Page-AV1; Line 2	2
3	(Less): Account 222 - Reacquired Bonds				-	Stmnt AV WP; Page-AV1; Line 3	3
4	(Plus): Account 224 - Other Long-Term Debt (Acct. 224)				123,900	Stmnt AV WP; Page-AV1; Line 4	4
5	(Plus): Account 225 - Unamortized Premium on Long-Term Debt				-	Stmnt AV WP; Page-AV1; Line 5	5
6	(Less): Account 226 - Unamortized Discount on Long-Term Debt-Debit				11,228	Stmnt AV WP; Page-AV1; Line 6	6
7	Total Long Term Debt (LTD)				\$ 3,779,397	Lines 2-3+4+5-6	7
8							8
9	Long-Term Debt Component - Numerator:						9
10	(Plus): Account 427 - Interest on Long-Term Debt				\$ 184,121	Stmnt AV WP; Page-AV1; Line 10	10
11	(Plus): Account 428 - Amort. of Debt Disc. and Expense				\$ 3,015	Stmnt AV WP; Page-AV1; Line 11	11
12	(Plus): Account 428.1 - Amortization of Loss on Reacquired Debt				\$ 2,790	Stmnt AV WP; Page-AV1; Line 12	12
13	(Less): Account 429 - Amort. of Premium on Debt-Credit				\$ -	Stmnt AV WP; Page-AV1; Line 13	13
14	(Less): Account 429.1 - Amortization of Gain on Reacquired Debt-Credit				\$ -	Stmnt AV WP; Page-AV1; Line 14	14
15	Total LTD Interest = (i)				\$ 189,926	Lines 10+11+12-13-14	15
16							16
17	Cost of Long-Term Debt:				5.03%	Line 15 / Line 7	17
18							18
19							19
20	Preferred Equity Component:						20
21	PF = Preferred Stock - Account 204				\$ 78,475	Stmnt AV WP; Page-AV1; Line 21	21
22	d(pf) = Total Dividends Declared-Preferred Stocks - Account 437				\$ 4,820	Stmnt AV WP; Page-AV1; Line 22	22
23	Cost of Preferred Equity				6.14%	Line 22 / Line 21	23
24							24
25							25
26	Common Equity Component:						26
27	Proprietary Capital				\$ 4,544,140	Stmnt AV WP; Page-AV1; Line 27	27
28	(Less): Account 204 Preferred Stock				\$ 78,475	Stmnt AV WP; Page-AV1; Line 28	28
29	(Less): Account 216.1 Unappropriated Undistributed Subsidiary Earnings				\$ -	Stmnt AV WP; Page-AV1; Line 29	29
30	CS = Common Stock				\$ 4,465,665	Line 27 - Line 28 - Line 29	30
31							31
32	Cost of Common Equity - Per Settlement:				11.35%	Appendix 8; Page 28; Item (a) iii	32
33		(a)	(b)	(c)	(d) = (b) x (c)		33
34			Cap. Struct.		Weighted		34
35	Weighted Cost of Capital:	Amount	Ratio	Cost of Capital	Cost of Capital		35
36							36
37	Long-Term Debt	\$ 3,779,397	45.41%	5.03%	2.28%	Col. C = Line 17 Above	37
38	Preferred Equity	78,475	0.94%	6.14%	0.06%	Col. C = Line 23 Above	38
39	Common Equity	4,465,665	53.65%	11.35%	6.09%	Col. C = Line 32 Above	39
40	Total Capital	\$ 8,323,537	100.00%		8.43%	Sum Lines 37; 38; 39	40
41							41
42							42
43	Cost of Equity Component (Preferred & Common):				6.15%	Sum Lines 38; 39	43

SAN DIEGO GAS AND ELECTRIC COMPANY

Statement AV

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Cost of Capital and Fair Rate of Return

True Up Period (4/1/2012 - 8/31/2013)

(\$1,000)

Line No.		Amounts	Reference	Line No.
1	<u>Derivation of Cost of Capital Rate:</u>			1
2				2
3	<u>a) Federal Income Tax Component:</u>			3
4				4
5	Where:			5
6	A = Sum of Preferred Stock and Return on Equity Component	6.15%	Statement AV; Page 13; Line 43	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$ 579	(Statement AR; Page 11; Line 5)	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ 5,690	Statement AV; Page AV-2A; Line 33	8
9	D = Transmission Rate Base	\$ 2,559,497	Statement BK1; Page 2; Line 20	9
10	True-Up Period Ratio ¹	1.42		10
11	Transmission Rate Base During the True-Up Period for the Derivation of Combined Income Tax Rate ²	\$ 3,634,485	Line 9 X Line 10	11
12				12
13	FT = Federal Income Tax Rate July 1, 2013	35%	Federal Income Tax Rate	13
14				14
15	Federal Income Tax = $(A + [(C - B) / D]) (FT) =$	3.3873%		15
16	$1 - FT$			16
17				17
18				18
19	<u>b) State Income Tax Co</u>			19
20				20
21	Where:			21
22	A = Sum of Preferred Stock and Return on Equity Component	6.15%	Statement AV; Page 13; Line 43	22
23	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$ 579	(Statement AR; Page 11; Line 5)	23
24	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ 5,690	Statement AV; Page AV-2A; Line 33	24
25	D = Transmission Rate Base	\$ 2,559,497	Statement BK1; Page 2; Line 20	25
26	True-Up Period Ratio ¹	1.42		26
27	Transmission Rate Base During the True-Up Period for the Derivation of Combined Income Tax Rate ²	\$ 3,634,485	Line 25 X Line 26	27
28				28
29	FT = Federal Income Tax Expense Rate	3.3873%	Statement AV; Page14, Line 13	29
30	ST = State Income Tax Rate July 1, 2013	8.84%	State Income Tax Rate	30
31				31
32	State Income Tax = $(A + [(C - B) / D] + Federal Income Tax) (ST) =$	0.9385%		32
33	$1 - ST$			33
34				34
35	<u>c) Total Federal & State Income Tax Expense Rate:</u>	4.3257%	Sum Lines 15 and Line 32	35
36				36
37	<u>d) Total Weighted Cost of Capital:</u>	8.4300%	Statement AV; Page 13; Line 40	37
38				38
39	<u>e) Cost of Capital Rate:</u>	12.7557%	Line 35 + Line 37	39
¹	The true-up period ratio is the number of months during the true-up period divided by 12 months.			
²	The transmission rate base during the true-up period used to derive the combined income tax rate is the product of the rate base amount in statement bk1, page 2, of \$2,559,501 multiplied by the true-up period ratio. The calculated combined income tax rate assures the proper amount of income tax expense included in total cost of service.			

San Diego Gas & Electric Company

Section 3.3.2

Derivation of CAISO Retail True-Up
Period Cost of Service Rates for the
FINAL TO3 17-Month True-Up Period
(April 2012 – August 2013).

Docket No. ER15-____-____

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Allocation of TO3 17-Month FINAL Wholesale True-Up Cost of Service to Customer Classes

Based on 5-Year Average of 17-Month CPs

(\$1,000)

Line No.	Customer Classes	(a) 5-Year Average of 17-Month CPs @ Transmission Level	(b) 5-Year Average 17-Month CPs Allocation Percentages @ Transmission Level	(c) Allocated Base Transmission Revenue Requirement	(d) Reference	Line No.
1	Total Base Transmission Revenue Requirement ¹			\$ 801,550	TO3-17 Month FINAL Wholesale True-Up Cost of Service	1
2					Section 3.3.1; Page 1 of 3; Line 36	2
3	<u>Allocation of BTRR Based on 17-CPs:</u>					3
4	Residential	22,937,891	39.87%	\$ 319,612	Col.C4 = Col (c) Ln1 x Col B. Ln 4	4
5	Small Commercial	6,706,555	11.66%	93,448	Col.C5 = Col (c) Ln1 x Col B. Ln 5	5
6	Medium & Large Commercial/Industrial	26,816,170	46.62%	373,651	Col.C6 = Col (c) Ln1 x Col B. Ln 6	6
7	Street Lighting Revenues	175,157	0.30%	2,441	Col.C7 = Col (c) Ln1 x Col B. Ln 7	7
8	Standby Revenues	889,815	1.55%	12,399	Col.C8 = Col (c) Ln1 x Col B. Ln 8	8
9						9
10	Total	57,525,588	100.00%	\$ 801,550	Sum Lines 4 thru 8	10
11						11
12	Total	57,525,588		\$ 801,550	Line 10	12
	NOTES:					

¹ Statement BK2 refers to SDG&E's TO3 17-Month FINAL True-Up Cost of Service as derived in the instant filing. See Cost Statement BK2, Page 8 of 8; Line 15.

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALERATES Using 17-Month True-Up Period Billing Determinants

Residential Customers ¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Residential - Allocated Transmission Revenue Requirements	\$ 319,612	Section 3.3.2; Page 1; Line 4	1
2				2
3	Billing Determinants - Residential Customer Class @ MWh:	10,555,806	Section 3.3.2; Page 16.1; Line 3	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.3.2; Page 14; Col. B; Line 2	5
6				6
7	Billing Determinants @ Transmission Level	11,038,207	Line 3 x Line 5	7
8				8
9	Residential Energy Rate Per kWh	\$ 0.0289550627	Line 1 / Line 7	9
10				10
11	Residential Energy Rate Per kWh - Rounded	\$ 0.0289550627	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 319,612	Line 7 x Line 11	13
14				14
15	Difference	\$ -	Line 1 - Line 13	15
	Notes:			
¹	Residential customers include the following California Public Utilities Commission (CPUC) tariffs: DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TV, D-SMF.			

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Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALe Rates Using 17-Month True-Up Period Billing Determinants

Small Commercial Customers ¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 93,448	Section 3.3.2; Page 1; Line 5	1
2				2
3	Billing Determinants - Small Commercial @ MWh:	2,958,685	Section 3.3.2; Page 16.1; Line 7	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.3.2; Page 14; Col. B; Line 3	5
6				6
7	Billing Determinants @ Transmission Level	3,093,897	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0302039117	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0302039117	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 93,448	Line 7 x Line 11	13
14				14
15	Difference	\$ -	Line 1 - Line 13	15
	Notes:			
¹	Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs: A, A-TC, A-TOU, PA.			

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Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALe Rates Using 17-Month True-Up Period Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I - Demand Revenue Requirement:	\$ 373,651	Section 3.3.2; Page 1; Line 6	1
2	<i>Non-Coincident Demand Determinants @ Transmission Level Used</i>			2
3	<i>to Allocate Total Customer Class Revenues to Voltage Level:</i>			3
4	Secondary ²	31,123.78	Section 3.3.2; Page 14; Line 22; Col. C.	4
5	Primary ²	6,003.38	Section 3.3.2; Page 14; Line 23; Col. C.	5
6	Transmission ²	1,962.22	Section 3.3.2; Page 14; Line 24; Col. C.	6
7	Total	39,089.38	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level:</i>			9
10	Secondary	79.62%	Line 4 / Line 7	10
11	Primary	15.36%	Line 5 / Line 7	11
12	Transmission	5.02%	Line 6 / Line 7	12
13	Total	100.00%	Sum Lines 10; 11; 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level:			15
16	Secondary	\$ 297,509	Line 1 x Line 10	16
17	Primary	57,386	Line 1 x Line 11	17
18	Transmission	18,757	Line 1 x Line 12	18
19	Total	\$ 373,651	Sum Lines 16; 17; 18	19
20				20
21	Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:			21
22	Secondary	31,124	Section 3.3.2; Page 14; Line 22; Col. C.	22
23	Primary	6,003	Section 3.3.2; Page 14; Line 23; Col. C.	23
24	Transmission	1,962	Section 3.3.2; Page 14; Line 24; Col. C.	24
25	Total	39,089	Sum Lines 22; 23; 24	25
26				26
27	Non-Coincident Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 9.5588925489	Line 16 / Line 22	28
29	Primary	\$ 9.5588925487	Line 17 / Line 23	29
30	Transmission	\$ 9.5588925566	Line 18 / Line 24	30
31				31
32	Non-Coincident Demand Rate By Voltage Level @ Transmission Level:			32
33	Secondary	\$ 9.5588925489	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 9.5588925487	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 9.5588925566	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 297,509	Line 22 x Line 33	38
39	Primary	57,386	Line 23 x Line 34	39
40	Transmission	18,757	Line 24 x Line 35	40
41	Total	\$ 373,651	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.00)	Line 1 - Line 41	43

Notes:

¹ Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs:

AD, AY-TOU, AL-TOU, AL-TOU-CP, AL-TOU-DER, A6-TOU, PA-T-1

² LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.3.2

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SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALE Rates Using 17-Month True-Up Period Billing Determinants

Medium-Large Commercial Customers ¹

(S000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Rate Proposal 90% of Total M&L C&I NCD Rates ¹	90.00%		1
2	Secondary	\$ 8.6030032940	90% x Section 3.3.2; Page 4; Line 33	2
3	Primary	\$ 8.6030032938	90% x Section 3.3.2; Page 4; Line 34	3
4	Transmission	\$ 8.6030033010	90% x Section 3.3.2; Page 4; Line 35	4
5				5
6	Rate Proposal 90% of Total M&L C&I NCD Rates (Rounded)			6
7	Secondary	\$ 8.6030032940	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 8.6030032938	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 8.6030033010	Line 4, Rounded to 10 Decimal Places	9
10				10
11	Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand²			11
12	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			12
13	Secondary	29,756	Section 3.2.2; Page 15; Line 10; Col. D.	13
14	Primary	5,491	Section 3.2.2; Page 15; Line 11; Col. D.	14
15	Transmission	376	Section 3.2.2; Page 15; Line 12; Col. D.	15
16	Total	35,624	Sum Lines 12; 13; 14	16
17				17
18	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			18
19	Secondary	\$ 284,437	(Section 3.3.2; Page 4; Line 33) x Line 13	19
20	Primary	\$ 52,491	(Section 3.3.2; Page 4; Line 34) x Line 14	20
21	Transmission	\$ 3,597	(Section 3.3.2; Page 4; Line 35) x Line 15	21
22	Total	\$ 340,526	Sum Lines 19; 20; 21	22
23				23
24	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			24
25	Secondary	\$ 255,993	Line 7 x Line 13	25
26	Primary	\$ 47,242	Line 8 x Line 14	26
27	Transmission	\$ 3,238	Line 9 x Line 15	27
28	Total	\$ 306,473	Sum Lines 25; 26; 27	28
29				29
30	Revenue Reallocation to Maximum On-Peak Period Demands			30
31	Secondary	\$ 28,444	Line 19 - Line 25	31
32	Primary	\$ 5,249	Line 20 - Line 26	32
33	Transmission	\$ 360	Line 21 - Line 27	33
34	Total	\$ 34,053	Sum Lines 31; 32; 33	34
35				35
36	Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak³			36
37	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			37
38	Secondary	-	Section 3.3.2; Page 15; Col. D; Line 17	38
39	Primary	306	Section 3.2.2; Page 15; Col. D; Line 18	39
40	Transmission	1,586	Section 3.2.2; Page 15; Col. D; Line 19	40
41	Total	1,892	Sum Lines 18; 19; 20	41
42				42
43	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			43
44	Secondary	\$ -	Line 38 x (Section 3.3.2; Page 4; Line 33)	44
45	Primary	\$ 2,928	Line 39 x (Section 3.3.2; Page 4; Line 34)	45
46	Transmission	\$ 15,159	Line 40 x (Section 3.3.2; Page 4; Line 35)	46
47	Total	\$ 18,087	Sum Lines 44; 45; 46	47
48				48
49	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			49
50	Secondary	\$ -	Line 7 x Line 38	50
51	Primary	\$ 2,635	Line 8 x Line 39	51
52	Transmission	\$ 13,643	Line 9 x Line 40	52
53	Total	\$ 16,278	Sum Lines 50; 51; 52	53
54				54
55	Revenue Reallocation to Maximum Demand at the Time of System Peak			55
56	Secondary	\$ -	Line 44 - Line 50	56
57	Primary	\$ 293	Line 45 - Line 51	57
58	Transmission	\$ 1,516	Line 46 - Line 52	58
59	Total	\$ 1,809	Sum Lines 56; 57; 58	59

NOTES:

¹ 90% NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, AL-TOU-DER, DG-R, A6-TOU

² 90% NCD Rates and Maximum On-Peak Period Demand charges are applicable to the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

³ 90% NCD Rates and Maximum Demand at Time of System Peak charges are applicable to the following California Public Utilities Commission (CPUC) tariffs:
A6-TOU

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALE Rates Using 17-Month True-Up Period Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I Maximum On-Peak Period Demand Proposal			1
2	Revenue Reallocation to Maximum On-Peak Period Demands ¹	\$ 34,053	Section 3.3.2; Page 5; Line 34	2
3				3
4	Summer Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) ²			4
5	Secondary	14,224	Section 3.3.2; Page 15; Col. B; Line 30	5
6	Primary	3,022	Section 3.3.2; Page 15; Col. B; Line 31	6
7	Transmission	347	Section 3.3.2; Page 15; Col. B; Line 32	7
8	Total	17,593	Sum Lines 5; 6; 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ Transmission Level (MW)			10
11	Secondary	14,874	Section 3.3.2; Page 15; Col. D; Line 30	11
12	Primary	3,055	Section 3.3.2; Page 15; Col. D; Line 31	12
13	Transmission	347	Section 3.3.2; Page 15; Col. D; Line 32	13
14	Total	18,276	Sum Lines 11; 12; 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	81.39%	Line 11 / Line 14	17
18	Primary	16.72%	Line 12 / Line 14	18
19	Transmission	1.90%	Line 13 / Line 14	19
20	Total	100.00%	Sum Lines 17; 18; 19	20
21	Share of Total Revenue Allocation to Summer Peak Period	80.00%		21
22	Revenues for Proposed Summer Maximum On-Peak Period Demand Rates	\$ 27,242	Line 2 x Line 21	22
23	Secondary	\$ 22,171	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 4,554	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 517	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 27,242	Sum Lines 23; 24; 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates ³	\$/kW		28
29	Secondary	\$ 1.4906243582	Line 23 / Line 11	29
30	Primary	\$ 1.4906243582	Line 24 / Line 12	30
31	Transmission	\$ 1.4906243582	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 1.4906243582	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1.4906243582	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1.4906243582	Line 31, Rounded to 10 Decimal Places	37
38				38
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁴ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁵ Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

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Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALe Rates Using 17-Month True-Up Period Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Winter Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) ⁴			1
2	Secondary	10,577	Section 3.3.2; Page 15; Col. B; Line 35.	2
3	Primary	2,287	Section 3.3.2; Page 15; Col. B; Line 36.	3
4	Transmission	285	Section 3.3.2; Page 15; Col. B; Line 37.	4
5	Total	13,149	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ TRANSMISSION Level (MW)			7
8	Secondary	11,060	Section 3.3.2; Page 15; Col. D; Line 35.	8
9	Primary	2,312	Section 3.3.2; Page 15; Col. D; Line 36.	9
10	Transmission	285	Section 3.3.2; Page 15; Col. D; Line 37.	10
11	Total	13,657	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	80.98%	Line 8 / Line 11	14
15	Primary	16.93%	Line 9 / Line 11	15
16	Transmission	2.09%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14; 15; 16	17
18	Share of Total Revenue Allocation to Winter Peak Period	20.00%		18
19	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates	\$ 6,811	(Section 3.3.2; Page 6; Line 2) x Line 18	19
20	Secondary	\$ 5,515	(Section 3.3.2; Page 6; Line 2 x Line 18) x Line 14	20
21	Primary	\$ 1,153	(Section 3.3.2; Page 6; Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 142	(Section 3.3.2; Page 6; Line 2 x Line 18) x Line 16	22
23	Total	\$ 6,811	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates ⁵	\$/kW		25
26	Secondary	\$ 0.4986748126	Line 20 / Line 8	26
27	Primary	\$ 0.4986748126	Line 21 / Line 9	27
28	Transmission	\$ 0.4986748126	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.4986748126	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.4986748126	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.4986748126	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 27,686	(Section 3.3.2; Page 6; Line 11 x Line 35) + (Section 3.3.2; Page 7; Line 8 x Line 32)	38
39	Primary	\$ 5,707	(Section 3.3.2; Page 6; Line 12 x Line 36) + (Section 3.3.2; Page 7; Line 9 x Line 33)	39
40	Transmission	\$ 660	(Section 3.3.2; Page 6; Line 13 x Line 37) + (Section 3.3.2; Page 7; Line 10 x Line 34)	40
41	Total	\$ 34,053	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.00)	Section 3.3.2; Page 6; Line 2 Minus Page 7; Line 41	43
44				44
NOTES:				
¹ Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁴ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁵ Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.3.2

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SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALE Rates Using 17-Month True-Up Period Billing Determinants

Medium-Large Commercial Customers¹

(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Med-Lrg C&I Maximum Demand at the Time of System Peak Proposal			1
2	Revenue Reallocation to Maximum Demand at the Time of System Peak ¹	\$ 1,809	Section 3.3.2; Page 5; Line 59	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ <i>Meter Level</i> (MW) ²			4
5	Secondary	-	Section 3.3.2; Page 15; Col. B; Line 42	5
6	Primary	142	Section 3.3.2; Page 15; Col. B; Line 43	6
7	Transmission	650	Section 3.3.2; Page 15; Col. B; Line 44	7
8	Total	792	Sum Lines 5; 6; and 7	8
9				9
10	Summer Maximum Demand at the Time of System Peak @ <i>TRANSMISSION Level</i> (MW)			10
11	Secondary	-	Section 3.3.2; Page 15; Col. D; Line 42	11
12	Primary	144	Section 3.3.2; Page 15; Col. D; Line 43	12
13	Transmission	650	Section 3.3.2; Page 15; Col. D; Line 44	13
14	Total	793	Sum Lines 11; 12; and 13	14
15				15
16	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			16
17	Secondary	0.00%	Line 11 / Line 14	17
18	Primary	18.13%	Line 12 / Line 14	18
19	Transmission	81.87%	Line 13 / Line 14	19
20	Total	100.00%	Sum Lines 17; 18; and 19	20
21	Share of Total Revenue Allocation to Summer Maximum Demand at the Time of System Peak	80.00%		21
22	Revenues for Proposed Summer Maximum Demand at the Time of System Peak Rates	\$ 1,447	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 262	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 1,185	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,447	Sum Lines 23; 24; and 25	26
27				27
28	Summer Maximum Demand at the Time of System Peak Rates ³	\$/kW		28
29	Secondary	\$ -	Line 23 / Line 11	29
30	Primary	\$ 1.8235839309	Line 24 / Line 12	30
31	Transmission	\$ 1.8235839309	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		34
35	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1.8235839309	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1.8235839309	Line 31, Rounded to 10 Decimal Places	37
38				38

NOTES:

¹ Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

² Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

³ Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

⁴ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

⁵ Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:

A6-TOU

⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing				
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation				
Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALe Rates Using 17-Month True-Up Period Billing Determinants				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Winter Maximum Demand at the Time of System Peak By Voltage Level @ <i>Meter Level</i> (MW) ⁴			1
2	Secondary	-	Section 3.3.2; Page 15; Col. B; Line 47	2
3	Primary	83	Section 3.3.2; Page 15; Col. B; Line 48	3
4	Transmission	588	Section 3.3.2; Page 15; Col. B; Line 49	4
5	Total	672	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum Demand at the Time of System Peak @ <i>Transmission Level</i> (MW)			7
8	Secondary	-	Section 3.3.2; Page 15; Col. D; Line 47	8
9	Primary	84	Section 3.3.2; Page 15; Col. D; Line 48	9
10	Transmission	588	Section 3.3.2; Page 15; Col. D; Line 49	10
11	Total	673	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			13
14	Secondary	0.00%	Line 8 / Line 11	14
15	Primary	12.52%	Line 9 / Line 11	15
16	Transmission	87.48%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14; 15; 16	17
18	Share of Total Revenue Allocation to Winter Maximum Demand at the Time of System Peak	20.00%		18
19	Revenues for Proposed Winter Maximum Demand at the Time of System Peak Rates	\$ 362	Section 3.3.2; Page 8; Line 2 x Line 18	19
20	Secondary	\$ -	(Section 3.3.2; Page 8; Line 2) x (Line 18) x (Line 14)	20
21	Primary	\$ 45	(Section 3.3.2; Page 8; Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 316	(Section 3.3.2; Page 8; Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 362	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates ⁵	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0.5378033334	Line 21 / Line 9	27
28	Transmission	\$ 0.5378033334	Line 21 / Line 10	28
29				29
30				30
31	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		31
32	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.5378033334	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.5378033334	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ -	Section 3.3.2; Page 8 (Line 11 x Line 35) + Page 9; (Line 8 x Line 32)	38
39	Primary	\$ 308	Section 3.3.2; Page 8 (Line 12 x Line 36) + Page 9; (Line 9 x Line 33)	39
40	Transmission	\$ 1,501	Section 3.3.2; Page 8 (Line 13 x Line 37) + Page 9; (Line 10 x Line 34)	40
41	Total	\$ 1,809	Sum Lines 38; 39; and 40	41
42				42
43	Difference	\$ -	Section 3.3.2; Page 8; Line 2 Minus Page 9; Line 41	43
44				44
<u>NOTES:</u>				
¹ Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
² Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
³ Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁴ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁵ Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
⁶ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000				

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESale Rates Using 17-Month True-Up Period Billing Determinants

Street Lighting Customers

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 2,441	Section 3.3.2; Page 1; Line 7	1
2				2
3	Billing Determinants - Street Lighting Customers @ MWh ¹ :	134,469	Section 3.3.2; Page 16.1; Line 23	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.3.2; Page 14; Col. B; Line 10	5
6				6
7	Billing Determinants @ Transmission Level	140,614	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0173566858	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0173566858	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 2,441	Line 7 x Line 11	13
14				14
15	Difference	\$ -	Line 1 - Line 13	15
	Notes:			
	¹ Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs: DWL, OL-1, LS-1, LS-2.			

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SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

Derivation of TO3 FINAL True-Up Adjustment BTRR WHOLESALERE Rates Using 17-Month True-Up Period Billing Determinants

Standby Revenues Calculation

(\$000)

Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement:	\$ 12,399	Section 3.3.2; Page 1; Line 8	1
2	<i>Demand Determinants @ Transmission Level Used to Allocate</i>			2
3	<i>Total Class Revenues to Voltage Level:</i>			3
4	Secondary ¹	191.97	Section 3.3.2; Page 15; Col. D; Line 54	4
5	Primary ¹	1,613.55	Section 3.3.2; Page 15; Col. D; Line 55	5
6	Transmission ¹	1,036.94	Section 3.3.2; Page 15; Col. D; Line 56	6
7	Total	2,842.46	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level:</i>			9
10	Secondary	6.7538225%	Line 4 / Line 7	10
11	Primary	56.7658652%	Line 5 / Line 7	11
12	Transmission	36.4803123%	Line 6 / Line 7	12
13	Total	100.0000000%	Sum Lines 10; 11; 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level:			15
16	Secondary	\$ 837	Line 1 x Line 10	16
17	Primary	7,038	Line 1 x Line 11	17
18	Transmission	4,523	Line 1 x Line 12	18
19	Total	\$ 12,399	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Transmission:			21
22	Secondary	191.97	Section 3.3.2; Page 15; Col. D; Line 54	22
23	Primary	1,613.55	Section 3.3.2; Page 15; Col. D; Line 55	23
24	Transmission	1,036.94	Section 3.3.2; Page 15; Col. D; Line 56	24
25	Total	2,842.46	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 4.3618890027	Line 16 / Line 22	28
29	Primary	\$ 4.3618890027	Line 17 / Line 23	29
30	Transmission	\$ 4.3618890027	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Transmission (Rounded):			32
33	Secondary	\$ 4.3618890027	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 4.3618890027	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 4.3618890027	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 837	Line 22 x Line 33	38
39	Primary	7,038	Line 23 x Line 34	39
40	Transmission	4,523	Line 24 x Line 35	40
41	Total	\$ 12,399	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43
	Notes:			
	¹ LF = Transmission Loss Factor; Secondary Level = 1.0457; Primary Level = 1.0108; Transmission Level = 1.0000			

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Summary of TO3 17-Month FINAL True-Up Wholesale Transmission Rates Based on the 17-Month FINAL True-Up Wholesale Cost of Service

Based on TO3 17-Months RECORDED Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Demand Rates \$/kW-Mo	Primary Demand Rates \$/kW-Mo	Secondary Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0289550627				Section 3.3.2; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0302039117				Section 3.3.2; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 9.5588925566	\$ 9.5588925487	\$ 9.5588925489	Section 3.3.2; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 8.6030033010	\$ 8.6030032938	\$ 8.6030032940	Section 3.3.2; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	Section 3.3.2; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	Section 3.3.2; Page 7; Lines 32;33;34	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 1.8235839309	\$ 1.8235839309	\$ -	Section 3.3.2; Page 8; Lines 29;30;31	15
16	Winter		\$ 0.5378033334	\$ 0.5378033334	\$ -	Section 3.3.2; Page 9; Lines 32;33;34	16
17							17
18	Street Lighting	\$ 0.0173566858				Section 3.3.2; Page 10; Line 11	18
19							19
20	Standby Rate		\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	Section 3.3.2; Page 11; Lns 33;34;35	20
	NOTES:						
1	Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1						
2	NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.						
3	Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R						
4	Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU						

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

**Proof or Revenues Based on the TO3 17-Month FINAL TRUE-UP Wholesale Cost of Service
(\$1,000)**

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 319,612	\$ 319,612	\$ -	Sect. 3.3.2; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	\$ 93,448	\$ 93,448	\$ -	Sect. 3.2.2; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	\$ 373,651	\$ 373,651	\$ (0)	Sect. 3.2.2; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Street Lighting	\$ 2,441	\$ 2,441	\$ -	Sect. 3.2.2; Pg. 1; Ln. 7; & Pg. 10; Ln. 13	7
8						8
9	Standby Revenues	\$ 12,399	\$ 12,399	\$ -	Sect. 3.2.2; Pg. 1; Ln. 8; & Pg. 11; Ln. 41	9
10						10
11	Grand Total	\$ 801,550	\$ 801,550	\$ (0)	Sum Lines 1 thru 9	11

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY
 T04-Cycle 2 Annual Transmission Formulaic Rate Filing
 WHOLESALE - Rate Design Information

Line No.	Customer Class	(A) 5-Year Average Ending 8/31/2011 Of 17-Month CPs Kilowatt @ Meter Level ¹	(B) Transmission Loss Factors	(C) = (A) x (B) 5-Year Average Ending 8/31/2011 Of 17-Month CPs Kilowatt @ Transmission Level	(D) 17 CPs Allocation Percentages @ Transmission Level	Reference	Line No.
1	<u>5-Year Average - 17 Month CPs Allocation Factors:</u>						
2	Residential Customers	21,935,441	1.0457	22,937,891	39.87%	17-Month CP Workpaper	2
3	Small Commercial Customers	6,413,460	1.0457	6,706,555	11.66%	17-Month CP Workpaper	3
4	Medium-Large Commercial Customers						4
5	Secondary	19,185,537	1.0457	20,062,316	34.88%	17-Month CP Workpaper	5
6	Primary	4,765,966	1.0108	4,817,438	8.37%	17-Month CP Workpaper	6
7	Transmission	1,936,416	1.0000	1,936,416	3.37%	17-Month CP Workpaper	7
8	Total Medium-Large Commercial	25,887,919	1.0359	26,816,170	46.62%	Sum Lines 5; 6; 7	8
9							9
10	Street Lighting	167,502	1.0457	175,157	0.30%	17-Month CP Workpaper	10
11	Standby Customers						11
12	Secondary	54,365	1.0457	56,849	0.10%	17-Month CP Workpaper	12
13	Primary	515,498	1.0108	521,065	0.91%	17-Month CP Workpaper	13
14	Transmission	311,901	1.0000	311,901	0.54%	17-Month CP Workpaper	14
15	Total Standby Customers	881,763	1.0091	889,815	1.55%	Sum Lines 12; 13; 14	15
16							16
17	System Total	55,286,085	1.0405	57,525,588	100.00%	Sum Lines 2; 3; 8; 10; 15	17
18							18
19				Transmission			19
20	<u>Medium-Large Commercial Customers:</u>	Meter Level ¹		Level	Ratios		20
21	Billing Determinants - (Non-Coicident Demand)						21
22	Secondary	29,764	1.0457	31,124	79.62%	Docket No. ER12-2454	22
23	Primary	5,939	1.0108	6,003	15.36%	Docket No. ER12-2454	23
24	Transmission	1,962	1.0000	1,962	5.02%	Docket No. ER12-2454	24
25	Total	37,665	1.0378	39,089	100.00%	Sum Lines 22; 23; 24	25
26							26
27				Transmission			27
28	<u>Standby Customers:</u>	Meter Level ¹		Level	Ratios		28
29	Billing Determinants - (Contracted Standby Demand)						29
30	Secondary	184	1.0457	192	6.75%	Docket No. ER12-2454	30
31	Primary	1,596	1.0108	1,614	56.77%	Docket No. ER12-2454	31
32	Transmission	1,037	1.0000	1,037	36.48%	Docket No. ER12-2454	32
33	Total	2,817	1.0091	2,842	100.00%	Sum Lines 30; 31; 32	33
	NOTES:						
¹	Information comes from 10 Year Average of the 17-month CP from Load Research. (D. Beckett and J. Mondragun).						

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Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Line No.	(A) Customer Class	(B)	(C)	(D) = (B) x (C)	(E)	Reference	Line No.
		Forecast Demand Determinants Megawatt @ Meter Level	Transmission Loss Factors	Forecast Demand Determinants Megawatt @ Transmission Level	Ratios		
1	Forecast Demand Determinants for Medium-Large Commercial Customers:						
2	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate						
3	Secondary	1,308	1.0457	1,368	86.92%	Section 3.2.2; Page 17.1; Line 35	3
4	Primary	204	1.0108	206	13.08%	Section 3.2.2; Page 17.1; Line 36	4
5	Transmission	-	1.0000	-	0.00%	Section 3.2.2; Page 17.1; Line 37	5
6	Total	1,511		1,573	100.00%	Sum Lines 3; 4; 5	6
7							
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						
9	with Maximum On-Peak Period Demand						
10	Secondary	28,456	1.0457	29,756	83.53%	Section 3.2.2; Page 17.2; Line 61	10
11	Primary	5,433	1.0108	5,491	15.41%	Section 3.2.2; Page 17.2; Line 62	11
12	Transmission	376	1.0000	376	1.06%	Section 3.2.2; Page 17.2; Line 63	12
13	Total	34,265		35,624	100.00%	Sum Lines 10; 11; 12	13
14							
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						
16	with Maximum Demand at the Time of System Peak						
17	Secondary	-	1.0457	-	0.00%	Section 3.2.2; Page 17.3; Line 97	17
18	Primary	303	1.0108	306	16.19%	Section 3.2.2; Page 17.3; Line 98	18
19	Transmission	1,586	1.0000	1,586	83.81%	Section 3.2.2; Page 17.3; Line 99	19
20	Total	1,889		1,892	100.00%	Sum Lines 17; 18; 19	20
21							
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers						
23	Secondary	29,764	1.0457	31,124	79.62%	Sum Lines 3; 10; 17	23
24	Primary	5,939	1.0108	6,003	15.36%	Sum Lines 4; 11; 18	24
25	Transmission	1,962	1.0000	1,962	5.02%	Sum Lines 5; 12; 19	25
26	Total	37,665		39,089	100.00%	Sum Lines 23; 24; 25	26
27							
28	Maximum On-Peak Period Demand Determinants						
29	Summer (May, June, July, August, September)						
30	Secondary	14,224	1.0457	14,874	81.39%	Section 3.2.2; Page 17.2; Line 71	30
31	Primary	3,022	1.0108	3,055	16.72%	Section 3.2.2; Page 17.2; Line 72	31
32	Transmission	347	1.0000	347	1.90%	Section 3.2.2; Page 17.2; Line 73	32
33	Total	17,593		18,276	100.00%	Sum Lines 30; 31; 32	33
34	Winter (October, November, December, January, February, March, April)						
35	Secondary	10,577	1.0457	11,060	80.98%	Section 3.2.2; Page 17.2; Line 71	35
36	Primary	2,287	1.0108	2,312	16.93%	Section 3.2.2; Page 17.2; Line 72	36
37	Transmission	285	1.0000	285	2.09%	Section 3.2.2; Page 17.2; Line 73	37
38	Total	13,149		13,657	100.00%	Sum Lines 35; 36; 37	38
39							
40	Maximum Demand at the Time of System Peak Determinants						
41	Summer (May, June, July, August, September)						
42	Secondary	-	1.0457	-	0.00%	Section 3.2.2; Page 17.3; Line 107	42
43	Primary	142	1.0108	144	18.13%	Section 3.2.2; Page 17.3; Line 108	43
44	Transmission	650	1.0000	650	81.87%	Section 3.2.2; Page 17.3; Line 109	44
45	Total	792		793	100.00%	Sum Lines 42; 43; 44	45
46	Winter (October, November, December, January, February, March, April)						
47	Secondary	-	1.0457	-	0.00%	Section 3.2.2; Page 17.3; Line 107	47
48	Primary	85	1.0108	84	12.52%	Section 3.2.2; Page 17.3; Line 108	48
49	Transmission	588	1.0000	588	87.48%	Section 3.2.2; Page 17.3; Line 109	49
50	Total	672		673	100.00%	Sum Lines 47; 48; 49	50
51							
52	Forecast Demand Determinants for Standby Customers:						
53	Contracted Demand Determinants						
54	Secondary	184	1.0457	192	6.75%	Section 3.2.2; Page 17.3; Line 114	54
55	Primary	1,596	1.0108	1,614	56.77%	Section 3.2.2; Page 17.3; Line 115	55
56	Transmission	1,037	1.0000	1,037	36.48%	Section 3.2.2; Page 17.3; Line 116	56
57	Total	2,817		2,842	100.00%	Sum Lines 56; 57; 58	57

Section 3.3.2

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013

Line No.	San Diego Gas & Electric																		Line No.	
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013																				
	Cycle-5	Cycle-5	Cycle-5	Cycle-5	Cycle-5	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6		
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total		
1	SDG&E: System Delivery Determinants																		1	
2	Customer Class Deliveries (MWh)																		2	
3	Residential	567,139	538,727	550,024	591,025	675,694	807,894	711,736	582,046	645,768	746,458	628,204	589,248	540,363	535,692	559,862	674,895	611,032	10,555,806	3
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		4
5	Residential @ Transmission Level	593,057	563,347	575,160	618,035	706,573	844,815	744,262	608,646	675,279	780,571	656,913	616,176	565,058	560,173	585,447	705,737	638,956	11,038,207	5
6																				6
7	Small Commercial	157,417	158,666	171,319	174,305	188,039	208,149	189,513	167,985	169,583	168,036	165,999	160,356	161,062	167,452	172,907	192,704	185,193	2,958,685	7
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		8
9	Small Commercial @ Transmission Level	164,611	165,917	179,148	182,270	196,632	217,662	198,174	175,662	177,333	175,715	173,586	167,684	168,422	175,105	180,809	201,510	193,657	3,093,897	9
10																				10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	11
12	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586		12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	19,476	21,068	29,719	28,395	28,953	26,349	30,957	20,527	27,970	18,820	19,406	20,708	21,061	28,628	27,260	27,123	30,477	426,895	13
14																				14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	15
16	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586		16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	738,000	756,312	826,637	793,902	827,159	944,406	866,355	795,005	800,307	725,774	791,376	701,266	752,287	780,612	670,987	1,007,383	823,782	13,601,551	17
18																				18
19	Med. & Large Comm./Ind. (A6)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	19
20	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586	1.03586		20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	53,328	58,476	64,885	55,105	61,014	57,316	77,681	58,596	70,347	64,372	70,240	52,606	59,583	70,707	63,973	68,248	59,035	1,065,512	21
22																				22
23	Lighting	10,954	10,104	5,119	10,240	3,266	7,958	7,892	8,619	10,309	6,171	9,350	6,781	7,932	10,272	5,898	7,701	5,903	134,469	23
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570		24
25	Street Lighting @ Transmission Level	11,455	10,565	5,353	10,708	3,415	8,322	8,252	9,013	10,780	6,453	9,778	7,091	8,294	10,742	6,168	8,053	6,173	140,614	25
26																				26
27	Sale for Resale	0.0	2.6	1.4	-3.1	0.8	0.0	1.0	0.0	0.0	2.8	0.8	0.7	0.0	1.5	0.4	0.1	1.4	10.3	27
28	Total System Delivery@Meter Exclude Resale	1,517,940	1,514,101	1,615,462	1,622,266	1,752,029	2,016,486	1,850,383	1,602,520	1,693,177	1,701,627	1,654,079	1,504,152	1,513,456	1,562,904	1,474,502	1,939,880	1,683,809	28,218,775	28
29	Total System Delivery@Trans. Exclude Resale	1,579,927	1,575,685	1,680,901	1,688,415	1,823,747	2,098,870	1,925,681	1,667,449	1,762,016	1,771,704	1,721,298	1,565,532	1,574,706	1,625,967	1,534,644	2,018,054	1,752,080	29,366,676	29
30	Med. & Large Comm./Ind.																			30
31	Rate Schedule Billing Determinants																			31
32		Cycle-5	Cycle-5	Cycle-5	Cycle-5	Cycle-5	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6	Cycle-6		32
33	Schedules AD / PA-T-1:Applicable to 100% NCD	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	33
34	Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	34
35																				35
36	Total Deliveries (%)																			36
37	% @ Secondary Service	87.19%	88.34%	88.46%	92.07%	90.26%	109.76%	85.23%	94.28%	84.06%	89.15%	85.01%	83.59%	92.68%	89.38%	86.69%	94.27%	85.82%	89.81%	37
38	% @ Primary Service	12.81%	11.66%	11.54%	7.93%	9.74%	-9.76%	14.77%	5.72%	15.94%	10.85%	14.99%	16.41%	7.32%	10.62%	13.31%	5.73%	14.18%	10.19%	38
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	39
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	40
41	Total Deliveries (MWh)																			41
42	MWh @ Secondary Service	16,387	17,960	25,369	25,228	25,218	27,920	25,471	18,683	22,698	16,197	15,926	16,710	18,844	24,702	22,813	24,684	25,250	370,060	42
43	MWh @ Primary Service	2,408	2,371	3,310	2,173	2,721	-2,483	4,414	1,133	4,304	1,971	2,808	3,280	1,488	2,935	3,503	1,500	4,172	42,009	43
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45		18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	45

Section 3.3.2

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013

Line No.	San Diego Gas & Electric																			Line No.	
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013																					
46	Non-Coincident Demand (%)																			46	
47	% @ Secondary Service	0.4599%	0.3969%	0.3221%	0.3094%	0.3258%	0.3139%	0.3205%	0.3842%	0.3641%	0.4189%	0.4912%	0.4382%	0.3762%	0.3319%	0.3237%	0.3006%	0.2980%	0.3534%	47	
48	% @ Primary Service	0.3623%	0.4458%	0.4117%	0.4842%	0.3303%	0.2602%	0.8445%	0.5380%	0.5123%	0.4350%	0.3449%	0.3233%	0.4940%	0.3792%	0.4573%	0.8078%	0.4538%	0.4845%	48	
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49	
50																				50	
51	Non-Coincident Demand (MW)																			51	
52	MW @ Secondary Service	75.363	71.284	81.714	78.057	82.162	87.640	81.635	71.779	82.642	67.849	78.228	73.225	70.891	81.987	73.847	74.199	75.244	1,307.745	52	
53	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	53	
54	Non-Coincident Demand @ Transmission Level	78.807	74.542	85.448	81.624	85.916	91.645	85.366	75.059	86.419	70.950	81.803	76.571	74.131	85.734	77.222	77.590	78.682	1,367.508	54	
55																				55	
56	MW @ Primary Service	8.723	10.568	13.625	10.521	8.989	-6.460	37.277	3.831	22.050	8.575	9.686	10.606	7.352	11.130	16.018	12.120	18.932	203.542	56	
57	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	57	
58	Non-Coincident Demand @ Transmission Level	8.817	10.682	13.772	10.635	9.086	-6.530	37.679	3.873	22.288	8.668	9.790	10.720	7.432	11.250	16.191	12.251	19.137	205.740	58	
59																				59	
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60	
61	Non-Coincident Demand @ Meter Level	84.086	81.852	95.339	88.578	91.150	81.180	118.912	75.610	104.692	76.424	87.913	83.830	78.244	93.117	89.865	86.319	94.176	1,511.286	61	
62	Non-Coincident Demand @ Transmission Level	87.624	85.224	99.220	92.259	95.002	85.115	123.045	78.932	108.706	79.617	91.593	87.291	81.563	96.984	93.413	89.841	97.819	1,573.249	62	
63																				63	
64																				64	
65	Schedules AL-TOU / AV-TOU / DG-R:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	65	
66	Applicable to 28% NCD - Total Deliveries (MWh)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	66	
67																				67	
68	Total Deliveries (%)																				68
69	% @ Secondary Service	78.92%	79.54%	80.62%	78.83%	80.46%	79.79%	78.79%	78.15%	81.61%	79.07%	78.95%	78.63%	80.85%	81.33%	94.40%	67.42%	80.93%	79.59%	69	
70	% @ Primary Service	19.76%	18.98%	18.05%	19.85%	18.17%	18.84%	19.70%	18.73%	19.01%	17.69%	19.12%	19.56%	18.49%	17.18%	3.34%	31.45%	17.68%	18.90%	70	
71	% @ Transmission Service	1.32%	1.48%	1.33%	1.32%	1.37%	1.37%	1.51%	3.12%	-0.62%	3.24%	1.93%	1.81%	0.66%	1.49%	2.26%	1.13%	1.39%	1.51%	71	
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72	
73	Total Deliveries (MWh)																				73
74	MWh @ Secondary Service	562,047	580,518	643,112	603,932	642,241	727,457	658,973	599,790	630,522	554,005	603,164	532,318	587,170	612,895	611,486	655,667	643,609	10,448,908	74	
75	MWh @ Primary Service	140,725	138,524	143,986	152,075	145,035	171,767	164,764	143,750	146,872	123,945	146,073	132,420	134,283	129,467	21,635	305,855	140,603	2,481,780	75	
76	MWh @ Transmission Service	9,401	10,802	10,610	10,113	10,936	12,490	12,629	23,946	-4,790	22,701	14,745	12,254	4,793	11,229	14,639	10,989	11,054	198,539	76	
77		712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	77	
78																				78	
79	Non-Coincident Demand (%)																				79
80	% @ Secondary Service	0.2720%	0.2749%	0.2672%	0.2663%	0.2733%	0.2672%	0.2803%	0.2789%	0.2735%	0.2698%	0.2754%	0.2771%	0.2707%	0.2815%	0.2723%	0.2619%	0.2693%	0.2723%	80	
81	% @ Primary Service	0.2118%	0.2154%	0.2185%	0.2176%	0.2248%	0.2167%	0.2254%	0.2246%	0.2257%	0.2183%	0.2139%	0.2192%	0.2133%	0.2180%	0.6690%	0.1889%	0.2150%	0.2189%	81	
82	% @ Transmission Service	0.2173%	0.1844%	0.1875%	0.1985%	0.1938%	0.2081%	0.2001%	0.1632%	0.1353%	0.1752%	0.1748%	0.1736%	0.2057%	0.1355%	0.2296%	0.2059%	0.2067%	0.1896%	82	
83																				83	
84	Non-Coincident Demand (MW)																				84
85	MW @ Secondary Service	1,528.768	1,595.845	1,718.396	1,608.270	1,755.246	1,943.766	1,847.100	1,672.815	1,724.478	1,494.705	1,661.114	1,475.054	1,589.470	1,725.301	1,665.077	1,717.193	1,733.239	28,455.835	85	
86	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	86	
87	Non-Coincident Demand @ Transmission Level	1,598.632	1,668.775	1,796.927	1,681.768	1,835.461	2,032.596	1,931.513	1,749.262	1,803.287	1,563.013	1,737.026	1,542.464	1,662.109	1,804.147	1,741.172	1,795.668	1,812.448	29,756.267	87	
88																				88	
89	MW @ Primary Service	298.056	298.382	314.610	330.914	326.039	372.219	371.378	322.863	331.490	270.572	312.451	290.264	286.426	282.238	144.740	577.760	302.297	5,432.698	89	
90	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	90	
91	Non-Coincident Demand @ Transmission Level	301.275	301.604	318.008	334.488	329.560	376.239	375.389	326.350	335.070	273.494	315.825	293.398	289.519	285.286	146.303	584.000	305.561	5,491.371	91	

Section 3.3.2

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013

Line No.	San Diego Gas & Electric																		Line No.	
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013																				
92																				92
93	MW @ Transmission Service	20.428	19.918	19.893	20.074	21.193	25.993	25.271	39.079	-6.481	39.772	25.774	21.272	9.860	15.215	33.612	22.627	22.849	376.348	93
94	Non-Coincident Demand @ Meter Level	1,847.252	1,914.145	2,052.899	1,959.258	2,102.478	2,341.978	2,243.749	2,034.756	2,049.487	1,805.049	1,999.339	1,786.590	1,885.755	2,022.753	1,843.429	2,317.580	2,058.384	34,264.882	94
95	Non-Coincident Demand @ Transmission Level	1,920.336	1,990.298	2,134.828	2,036.330	2,186.214	2,434.828	2,332.173	2,114.691	2,131.876	1,876.279	2,078.626	1,857.135	1,961.487	2,104.648	1,921.086	2,402.295	2,140.858	35,623.987	95
96																				96
97	On-Peak Demand (%)																			97
98	% @ Secondary Service	0.2193%	0.2331%	0.2496%	0.2491%	0.2570%	0.2534%	0.2464%	0.2253%	0.2206%	0.2135%	0.2206%	0.2217%	0.2188%	0.2401%	0.2551%	0.2454%	0.2527%	0.2373%	98
99	% @ Primary Service	0.1955%	0.2104%	0.2255%	0.2258%	0.2299%	0.2257%	0.2232%	0.2038%	0.2034%	0.1965%	0.1947%	0.1997%	0.1937%	0.2037%	0.6540%	0.1991%	0.2329%	0.2139%	99
100	% @ Transmission Service	0.3373%	0.3214%	0.2964%	0.4535%	0.2515%	0.3096%	0.2724%	0.2120%	0.2479%	0.3629%	0.2698%	0.2839%	0.4871%	0.3427%	0.3342%	0.4656%	0.2741%	0.3185%	100
101																				101
102	On-Peak Demand (MW)	W	W	W	W	W	W	S	S	S	S	S	W	W	W	W	W	W	Total	102
103	MW @ Secondary Service	1,232.569	1,353.188	1,605.208	1,504.394	1,650.560	1,843.377	1,623.709	1,351.327	1,390.932	1,182.800	1,330.580	1,180.150	1,284.728	1,471.562	1,559.902	1,609.008	1,626.400	24,800.393	103
104	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	104
105	On-Peak Demand @ Transmission Level	1,288.897	1,415.029	1,678.566	1,573.144	1,725.991	1,927.619	1,697.912	1,413.083	1,454.498	1,236.854	1,391.387	1,234.083	1,343.441	1,538.812	1,631.189	1,682.539	1,700.726	25,933.771	105
106																				106
107	MW @ Primary Service	275.118	291.456	324.689	343.384	333.436	387.678	367.753	292.963	298.738	243.552	284.405	264.442	260.106	263.724	141.494	608.957	327.465	5,309.360	107
108	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	108
109	On-Peak Demand @ Transmission Level	278.089	294.603	328.196	347.093	337.037	391.865	371.725	296.127	301.964	246.183	287.476	267.298	262.915	266.572	143.022	615.534	331.001	5,366.701	109
110																				110
111	MW @ Transmission Service	31.709	34.717	31.447	45.861	27.503	38.671	34.402	50.765	-11.875	82.382	39.782	34.788	23.348	38.480	48.925	51.167	30.300	632.369	111
112	On-Peak Demand @ Meter Level	1,539.396	1,679.361	1,961.344	1,893.639	2,011.499	2,269.725	2,025.864	1,695.054	1,677.795	1,508.734	1,654.766	1,479.380	1,568.182	1,773.766	1,750.321	2,269.131	1,984.164	30,742.122	112
113	On-Peak Demand @ Transmission Level	1,598.695	1,744.349	2,038.209	1,966.099	2,090.531	2,358.155	2,104.039	1,759.974	1,744.587	1,565.419	1,718.645	1,536.168	1,629.704	1,843.865	1,823.137	2,349.240	2,062.027	31,932.841	113
114																				114
115																				115
116	Schedule A6-TOU:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	116
117	Total Deliveries (MWh)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	117
118																				118
119	Total Deliveries (%)																			119
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	15.78%	14.65%	21.22%	8.30%	18.40%	17.64%	8.70%	9.30%	18.43%	9.91%	12.15%	14.49%	13.35%	13.30%	12.85%	11.25%	17.23%	13.87%	121
122	% @ Transmission Service	84.22%	85.35%	78.78%	91.70%	81.60%	82.36%	91.30%	90.70%	81.57%	90.09%	87.85%	85.51%	86.65%	86.70%	87.15%	88.75%	82.77%	86.13%	122
123	Total Deliveries (MWh)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	123
124																				124
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	8,121	8,267	13,287	4,414	10,834	9,761	6,524	5,261	12,516	6,158	8,239	7,359	7,679	9,079	7,936	7,412	9,820	142,665	126
127	MWh @ Transmission Service	43,341	48,162	49,327	48,763	48,045	45,572	68,467	51,307	55,395	55,985	59,570	43,426	49,842	59,181	53,822	58,473	47,172	885,852	127
128																				128
129	Non-Coincident Demand (%)																			129
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.1633%	0.1966%	0.2332%	0.1023%	0.1902%	0.2431%	0.1647%	0.2656%	0.2439%	0.2121%	0.3012%	0.2251%	0.2028%	0.2411%	0.1640%	0.1455%	0.2312%	0.2124%	131
132	% @ Transmission Service	0.1742%	0.1794%	0.1904%	0.1854%	0.1660%	0.1905%	0.1832%	0.1932%	0.1654%	0.1605%	0.1598%	0.1932%	0.1954%	0.1745%	0.1855%	0.1726%	0.1834%	0.1790%	132
133																				133
134	Non-Coincident Demand (MW)																			134
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
136	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136
137	Non-Coincident Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	137

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Section 3.3.2

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: April 2012 - August 2013

Line No.																				Line No.	
138																				138	
139	MW @ Primary Service	13.261	16.253	30.985	4.515	20.606	23.728	10.745	13.973	30.527	13.062	24.815	16.565	15.573	21.888	13.015	10.785	22.703	302.998	139	
140	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	140	
141	Non-Coincident Demand @ Transmission Level	13.404	16.428	31.319	4.564	20.828	23.984	10.862	14.124	30.856	13.203	25.083	16.744	15.741	22.125	13.155	10.901	22.948	306.271	141	
142																				142	
143	MW @ Transmission Service	75.500	86.403	93.919	90.406	79.755	86.814	125.432	99.125	91.624	89.856	95.193	83.900	97.391	103.271	99.840	100.925	86.514	1,585.869	143	
144	Non-Coincident Demand @ Meter Level	88.761	102.656	124.904	94.921	100.361	110.542	136.178	113.098	122.151	102.918	120.008	100.464	112.964	125.160	112.855	111.709	109.217	1,888.867	144	
145	Non-Coincident Demand @ Transmission Level	88.904	102.831	125.238	94.970	100.584	110.799	136.294	113.249	122.481	103.059	120.276	100.643	113.132	125.396	112.996	111.826	109.462	1,892.140	145	
146																				146	
147	Coincident Peak Demand (%)																				147
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148	
149	% @ Primary Service	0.1386%	0.1557%	0.2189%	0.2461%	0.1464%	0.1465%	0.1279%	0.0915%	0.1131%	0.1810%	0.1445%	0.1084%	0.1786%	0.1267%	0.2458%	0.1896%	0.1454%	0.1582%	149	
150	% @ Transmission Service	0.1357%	0.1372%	0.1551%	0.1325%	0.1588%	0.1579%	0.1553%	0.1408%	0.1206%	0.1484%	0.1191%	0.1500%	0.1305%	0.1312%	0.1331%	0.1502%	0.1413%	0.1398%	150	
151																				151	
152	Coincident Peak Demand (MW)	W	W	W	W	W	W	S	S	S	S	S	W	W	W	W	W	W	Total	152	
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153	
154	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	154	
155	Coincident Peak Demand@Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	155	
156																				156	
157	MW @ Primary Service	11.255	12.872	29.085	10.862	15.861	14.299	8.345	4.814	14.156	11.147	11.905	7.977	13.715	11.503	19.506	14.053	14.278	225.631	157	
158	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	158	
159	Coincident Peak Demand@Transmission Level	11.377	13.011	29.399	10.979	16.032	14.454	8.435	4.866	14.309	11.267	12.034	8.063	13.863	11.627	19.717	14.205	14.432	228.067	159	
160																				160	
161	MW @ Transmission Service	58.813	66.079	76.507	64.611	66.687	71.958	106.330	72.241	66.807	83.082	70.948	65.140	65.044	77.646	71.637	87.827	66.654	1,238.009	161	
162	Coincident Peak Demand@Meter Level	70.069	78.950	105.591	75.473	82.548	86.257	114.674	77.054	80.963	94.229	82.853	73.117	78.758	89.148	91.144	101.880	80.932	1,463.639	162	
163	Coincident Peak Demand@Transmission Level	70.190	79.089	105.905	75.590	82.719	86.412	114.764	77.106	81.116	94.349	82.982	73.203	78.906	89.273	91.354	102.032	81.086	1,466.076	163	
164	Schedule S: Standby Determinants:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	164	
165	Contracted Standby Demand (MW)																				165
166	MW @ Secondary Service	11.518	11.518	11.517	11.509	11.191	11.131	11.131	10.012	10.274	10.274	10.274	10.274	10.274	10.274	10.274	11.02	11.02	183.585	166	
167	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	167	
168	Standby Demand @ Transmission Level	12.044	12.044	12.043	12.140	11.702	11.640	11.640	10.470	10.744	10.744	10.744	10.744	10.744	10.744	10.744	11.524	11.524	191.975	168	
169																				169	
170	MW @ Primary Service	85.906	85.805	91.154	92.3	94.433	94.486	94.571	94.571	94.169	94.169	94.225	94.529	94.311	95.35	95.869	100.239	100.221	1,596.308	170	
171	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	171	
172	Standby Demand @ Transmission Level	86.834	86.732	92.138	93.297	95.453	95.506	95.592	95.592	95.186	95.186	95.243	95.550	95.330	96.380	96.904	101.322	101.303	1,613.548	172	
173																				173	
174	MW @ Transmission Service	60.197	61.175	61.151	60.676	60.666	60.768	60.852	60.852	61.039	61.077	61.121	61.121	60.474	61.418	61.418	61.547	61.387	1,036.939	174	
175	Standby Demand@Meter Level	157.621	158.498	163.822	164.585	166.29	166.385	166.554	165.435	165.482	165.52	165.62	165.924	165.059	167.042	167.561	172.806	172.628	2,816.832	175	
176	Standby Demand@Transmission Level	159.075	159.951	165.333	166.112	167.821	167.914	168.084	166.914	166.969	167.007	167.107	167.414	166.547	168.541	169.066	174.392	174.214	2,842.462	176	
177																				177	

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San Diego Gas & Electric																				
FERC Recorded Sales: April 2012 - August 2013 (17Month FINAL TRUE-UP ADJUSTMENT)																				
Line No.																			Line No.	
1	SDG&E: System Delivery Determinants																			1
2																				2
3	Customer Class Deliveries (MWh)																			3
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total		
4	Residential	567139.22	538727.22	550023.59	591025.11	675693.95	807,894	711,736	582,046	645,768	746,458	628,204	589,248	540,363	535,692	559,862	674,895	611,032	10,555,806	
5	Small Commercial	157417.5	158665.67	171318.85	174304.5	188038.77	208,149	189,513	167,985	169,583	168,036	165,999	160,356	161,062	167,452	172,907	192,704	185,193	2,958,685	
6	Med. & Large Comm./Ind. (AD + PA-T-1)	18794.368	20330.816	28678.51	27401.396	27939.784	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	
7	Med. & Large Comm./Ind. (AY + AL + DGR)	712173.08	729844.57	797708.19	766118.95	798212.06	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	
8	Med. & Large Comm./Ind. (A6)	51461.359	56429.23	62613.906	53176.37	58879.08	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	
9	Lighting	10954.284	10103.655	5118.722	10240.124	3265.788	7,958	7,892	8,619	10,309	6,171	9,350	6,781	7,932	10,272	5,898	7,701	5,903	134,469	
10	Sale for Resale	0.00	2.62	1.44	-3.13	0.81	0.00	0.98	0.00	1.44	0.76	0.72	0.00	1.45	0.36	0.12	1.36	10.26		
11	Total System	1,517,940	1,514,104	1,615,463	1,622,263	1,752,030	2,016,486	1,850,384	1,602,520	1,693,177	1,701,630	1,654,080	1,504,153	1,513,456	1,562,906	1,474,502	1,939,880	1,683,810	28,218,785	
12																				12
13	Med. & Large Comm./Ind.																			13
14	Rate Schedule Billing Determinants																			14
15																				15
16	Schedules AD / PA-T-1:																			16
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total		
17	Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	
18																				18
19	Total Deliveries (%)																			19
20	% @ Secondary Service	87.15%	88.34%	88.46%	92.07%	90.26%	109.76%	85.23%	94.28%	84.06%	89.15%	85.01%	83.59%	92.68%	89.38%	86.69%	84.27%	85.82%	89.81%	
21	% @ Primary Service	12.81%	11.66%	11.54%	7.93%	9.74%	-9.76%	14.77%	5.72%	15.94%	10.85%	14.99%	16.41%	7.32%	10.62%	13.31%	5.75%	14.18%	10.19%	
22	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Total Deliveries (MWh)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
24																				24
25	MWh @ Secondary Service	16,387	17,960	25,369	25,228	25,218	27,920	25,471	18,683	22,698	16,197	15,926	16,710	18,844	24,702	22,813	24,684	25,250	370,060	
26	MWh @ Primary Service	2,408	2,371	3,310	2,173	2,721	-2,483	4,414	1,133	4,304	1,971	2,808	3,280	1,488	2,935	3,503	1,500	4,172	42,009	
27	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	
29	Non-Coincident Demand (%)																			29
30	% @ Secondary Service	0.4599%	0.3569%	0.3221%	0.3094%	0.3258%	0.5139%	0.3205%	0.3842%	0.3641%	0.4189%	0.4912%	0.4582%	0.3762%	0.3519%	0.3237%	0.3006%	0.2980%	0.3534%	
31	% @ Primary Service	0.3623%	0.4458%	0.4117%	0.4842%	0.3303%	0.2602%	0.8445%	0.3980%	0.5125%	0.4350%	0.3449%	0.3235%	0.4940%	0.3792%	0.4573%	0.8078%	0.4538%	0.4845%	
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	
33																				33
34	Non-Coincident Demand (MW)																			34
35	MW @ Secondary Service	75.363	71.284	81.714	78.057	82.162	87.640	81.635	71.779	82.642	67.849	78.228	73.225	70.891	81.987	73.847	74.199	75.244	1,307.745	
36	MW @ Primary Service	8.723	10.568	13.625	10.521	8.989	-6.460	37.277	3.831	22.050	8.575	9.686	10.606	7.352	11.130	16.018	12.120	18.932	203.542	
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
38	Total System	84.086	81.852	95.339	88.578	91.150	81.180	118.912	75.610	104.692	76.424	87.913	83.830	78.244	93.117	89.865	86.319	94.176	1,511.286	
39																				39

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San Diego Gas & Electric																				
FERC Recorded Sales: April 2012 - August 2013 (17Month FINAL TRUE-UP ADJUSTMENT)																				
Line No.																			Line No.	
40																			40	
41																			41	
42	Schedules AL-TOU / AY-TOU / DG-R:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	
43	Total Deliveries (MWh)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	
44																			44	
45	Total Deliveries (%)																			45
46	% @ Secondary Service	78.92%	79.54%	80.62%	78.83%	80.46%	79.79%	78.79%	78.15%	81.61%	79.07%	78.95%	78.63%	80.85%	81.33%	94.40%	67.42%	80.93%	79.59%	
47	% @ Primary Service	19.76%	18.98%	18.05%	19.85%	18.17%	18.84%	19.70%	18.75%	19.01%	17.69%	19.12%	19.36%	18.49%	17.18%	3.34%	31.45%	17.68%	18.90%	
48	% @ Transmission Service	1.32%	1.48%	1.33%	1.32%	1.37%	1.37%	1.51%	3.12%	-0.62%	3.24%	1.93%	1.81%	0.66%	1.49%	2.26%	1.33%	1.39%	1.51%	
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
50	Total Deliveries (MWh)																			50
51	MWh @ Secondary Service	562,047	580,518	643,112	603,932	642,241	727,457	658,973	599,790	630,522	554,005	603,164	532,318	587,170	612,895	611,486	655,667	643,609	10,448,908	
52	MWh @ Primary Service	140,725	138,524	143,986	152,075	145,035	171,767	164,764	143,750	146,872	123,945	146,073	132,420	134,283	129,467	21,635	305,855	140,603	2,481,780	
53	MWh @ Transmission Service	9,401	10,802	10,610	10,113	10,936	12,490	12,629	23,946	-4,790	22,701	14,745	12,254	4,793	11,229	14,639	10,989	11,054	198,539	
54		712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	
55	Non-Coincident Demand (%)																			55
56	% @ Secondary Service	0.2720%	0.2749%	0.2672%	0.2663%	0.2733%	0.2672%	0.2803%	0.2789%	0.2735%	0.2698%	0.2754%	0.2771%	0.2707%	0.2815%	0.2723%	0.2619%	0.2693%	0.2723%	
57	% @ Primary Service	0.2138%	0.2134%	0.2185%	0.2176%	0.2248%	0.2167%	0.2254%	0.2246%	0.2257%	0.2183%	0.2159%	0.2192%	0.2153%	0.2180%	0.6690%	0.1889%	0.2150%	0.2189%	
58	% @ Transmission Service	0.2173%	0.1844%	0.1875%	0.1985%	0.1938%	0.2081%	0.2001%	0.1632%	0.1353%	0.1752%	0.1748%	0.1736%	0.2057%	0.1335%	0.2296%	0.2039%	0.2067%	0.1896%	
59																			59	
60	Non-Coincident Demand (MW)																			60
61	MW @ Secondary Service	1,528.768	1,595.845	1,718.396	1,608.270	1,755.246	1,943.766	1,847.100	1,672.815	1,724.478	1,494.705	1,661.114	1,475.054	1,589.470	1,725.301	1,665.077	1,717.193	1,733.239	28,455.835	
62	MW @ Primary Service	298.056	298.382	314.610	330.914	326.039	372.219	371.378	322.863	331.490	270.572	312.451	290.264	286.426	282.238	144.740	577.760	302.297	5,432.698	
63	MW @ Transmission Service	20.428	19.918	19.893	20.074	21.193	25.993	25.271	39.079	-6.481	39.772	25.774	21.272	9.860	15.215	33.612	22.627	22.849	376.348	
64		1,847.252	1,914.145	2,052.899	1,959.258	2,102.478	2,341.978	2,243.749	2,034.756	2,049.487	1,805.049	1,999.339	1,786.590	1,885.755	2,022.753	1,843.429	2,317.580	2,058.384	34,264.882	
65	On-Peak Demand (%)																			65
66	% @ Secondary Service	0.2193%	0.2391%	0.2496%	0.2491%	0.2570%	0.2534%	0.2464%	0.2253%	0.2206%	0.2135%	0.2206%	0.2217%	0.2188%	0.2461%	0.2951%	0.2454%	0.2527%	0.2373%	
67	% @ Primary Service	0.1955%	0.2104%	0.2255%	0.2258%	0.2299%	0.2257%	0.2232%	0.2058%	0.2034%	0.1965%	0.1947%	0.1997%	0.1957%	0.2037%	0.6340%	0.1991%	0.2329%	0.2139%	
68	% @ Transmission Service	0.3375%	0.3214%	0.2964%	0.4335%	0.2515%	0.3096%	0.2724%	0.2120%	0.2479%	0.3629%	0.2698%	0.2839%	0.4871%	0.3427%	0.3342%	0.4656%	0.2741%	0.3185%	
69																			69	
70	On-Peak Demand (MW)		Summer	Summer	Summer	Summer	Summer							Summer	Summer	Summer	Summer	TOTAL		
71	MW @ Secondary Service	1,232.569	1,353.188	1,605.208	1,504.394	1,650.560	1,843.377	1,623.709	1,351.327	1,390.932	1,182.800	1,330.580	1,180.150	1,284.728	1,471.562	1,559.902	1,609.008	1,626.400	24,800.393	
72	MW @ Primary Service	275.118	291.456	324.689	343.384	333.436	387.678	367.753	292.963	298.738	243.552	284.405	264.442	260.106	263.724	141.494	608.957	327.465	5,309.360	
73	MW @ Transmission Service	31.709	34.717	31.447	45.861	27.503	38.671	34.402	50.765	-11.875	82.382	39.782	34.788	23.348	38.480	48.925	51.167	30.300	632.369	
74		1,539.396	1,679.361	1,961.344	1,893.639	2,011.499	2,269.725	2,025.864	1,695.054	1,677.795	1,508.734	1,654.766	1,479.380	1,568.182	1,773.766	1,750.321	2,269.131	1,984.164	30,742.122	
75																			75	

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San Diego Gas & Electric
FERC Recorded Sales: April 2012 - August 2013 (17Month FINAL TRUE-UP ADJUSTMENT)

Line No.	San Diego Gas & Electric																	Line No.		
FERC Recorded Sales: April 2012 - August 2013 (17Month FINAL TRUE-UP ADJUSTMENT)																				
76																		76		
77																		77		
78	Schedule A6-TOU:																	78		
79	Total Deliveries (MWh)	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	79
80		51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	80
81	Total Deliveries (%)																		81	
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	82
83	% @ Primary Service	15.78%	14.65%	21.22%	8.30%	18.40%	17.64%	8.70%	9.30%	18.43%	9.91%	12.15%	14.49%	15.35%	13.30%	12.85%	11.25%	17.25%	13.87%	83
84	% @ Transmission Service	84.22%	85.35%	78.78%	91.70%	81.60%	82.36%	91.30%	90.70%	81.57%	90.09%	87.85%	85.51%	86.65%	86.70%	87.15%	88.75%	82.77%	86.13%	84
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85
86	Total Deliveries (MWh)																		86	
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87
88	MWh @ Primary Service	8,121	8,267	13,287	4,414	10,834	9,761	6,524	5,261	12,516	6,158	8,239	7,359	7,679	9,079	7,936	7,412	9,820	142,665	88
89	MWh @ Transmission Service	43,341	48,162	49,327	48,763	48,045	45,572	68,467	51,307	55,395	55,985	59,570	43,426	49,842	59,181	53,822	58,473	47,172	885,852	89
90		51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	90
91	Non-Coincident Demand (%)																		91	
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	92
93	% @ Primary Service	0.1633%	0.1966%	0.2332%	0.1025%	0.1902%	0.2431%	0.1647%	0.2656%	0.2439%	0.2121%	0.3012%	0.2251%	0.2028%	0.2411%	0.1640%	0.1435%	0.2312%	0.2124%	93
94	% @ Transmission Service	0.1742%	0.1794%	0.1904%	0.1834%	0.1660%	0.1905%	0.1832%	0.1932%	0.1654%	0.1605%	0.1598%	0.1932%	0.1954%	0.1745%	0.1855%	0.1726%	0.1834%	0.1790%	94
95	Non-Coincident Demand (MW)																		95	
96	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	96
97	MW @ Primary Service	13.261	16.253	30.985	4.515	20.606	23.728	10.745	13.973	30.527	13.062	24.815	16.565	15.573	21.888	13.015	10.785	22.703	302.998	97
98	MW @ Transmission Service	75.500	86.403	93.919	90.406	79.755	86.814	125.432	99.125	91.624	89.856	95.193	83.900	97.391	103.271	99.840	100.925	86.514	1,585.869	98
99		88.761	102.656	124.904	94.921	100.361	110.542	136.178	113.098	122.151	102.918	120.008	100.464	112.964	125.160	112.855	111.709	109.217	1,888.867	99
100	Coincident Peak Demand (%)																		100	
101	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	101
102	% @ Primary Service	0.1386%	0.1357%	0.2189%	0.2461%	0.1464%	0.1465%	0.1279%	0.0915%	0.1131%	0.1810%	0.1445%	0.1084%	0.1786%	0.1267%	0.2458%	0.1896%	0.1453%	0.1582%	102
103	% @ Transmission Service	0.1357%	0.1372%	0.1531%	0.1325%	0.1388%	0.1379%	0.1533%	0.1408%	0.1206%	0.1434%	0.1191%	0.1500%	0.1305%	0.1312%	0.1331%	0.1502%	0.1413%	0.1398%	103
104	Coincident Peak Demand (MW)																		104	
105	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	105
106	MW @ Primary Service	11.255	12.872	29.085	10.862	15.861	14.299	8.345	4.814	14.156	11.147	11.905	7.977	13.715	11.503	19.506	14.053	14.278	225.631	106
107	MW @ Transmission Service	58.813	66.079	76.507	64.611	66.687	71.958	106.330	72.241	66.807	83.082	70.948	65.140	65.044	77.646	71.637	87.827	66.654	1,238.009	107
108		70.069	78.950	105.591	75.473	82.548	86.257	114.674	77.054	80.963	94.229	82.853	75.117	78.758	89.148	91.144	101.880	80.932	1,463.639	108
109	Schedule S: Standby Determinants:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	109
110	Contracted Standby Demand (MW)																		110	
111	MW @ Secondary Service	11,518	11,518	11,517	11,609	11,191	11,131	11,131	10,012	10,274	10,274	10,274	10,274	10,274	10,274	10,274	11,020	11,020	183.585	111
112	MW @ Primary Service	85,906	85,805	91,154	92,300	94,433	94,486	94,571	94,169	94,169	94,225	94,529	94,311	95,350	95,869	100,239	100,221	1,596,308	1,596,308	112
113	MW @ Transmission Service	60,197	61,175	61,151	60,676	60,566	60,768	60,852	61,039	61,077	61,121	61,121	60,474	61,418	61,418	61,547	61,387	1,036,939	1,036,939	113
114		137,621	158,498	163,822	164,585	166,290	166,385	166,554	165,435	165,482	165,520	165,620	165,924	165,059	167,042	167,561	172,806	172,628	2,816,832	114
115	Total Deliveries (MWh)																		115	
116		51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	116
117	Total Deliveries (%)																		117	
118		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	118

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San Diego Gas & Electric Company

Section 3.3.3

Derivation of CAISO Monthly Cost of
Service (COS) Revenues
Applicable to the
17-Month FINAL True-Up Period
(April 2012 – August 2013).

Docket No. ER15-____-____

Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESALE Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)			
Line No.	Customer Class	Apr-12	May-12	Jun-12	Jul-12	Aug-12							Sub-Total	Reference	Line No.	
1	Residential Customers	\$ 17,172,016	\$ 16,311,749	\$ 16,653,784	\$ 17,895,241	\$ 20,458,870							\$ 88,491,661	Section 3.3.3; Page 2; Line 21	1	
2															2	
3	Small Commercial	4,971,910	5,011,333	5,410,974	5,505,273	5,939,060							26,838,550	Section 3.3.3; Page 2; Line 23	3	
4															4	
5	Med-Lrg C&I @ 100% NCD	837,587	814,648	948,436	881,894	908,116							4,390,681	Section 3.3.3; Page 5; Line 21	5	
6	Med-Lrg C&I @ 90% NCD	17,285,493	18,007,198	19,443,354	18,335,579	19,673,325							92,744,949	Section 3.3.3; Page 7; Line 33	6	
7	Max On Peak Demand	797,229	2,600,170	3,038,204	2,930,714	3,116,195							12,482,512	Section 3.3.3; Page 9; Line 21	7	
8	Max Dem-Time of System Peak	37,748	144,226	193,127	137,845	150,845							663,791	Section 3.3.3; Page 11; Line 21	8	
9	Total Med-Lrg C&I	18,958,057	21,566,242	23,623,121	22,286,032	23,848,481							\$ 110,281,933	Sum Lines 5, 6, 7, 8	9	
10															10	
11	Street Lighting	198,818	183,380	92,904	185,857	59,273							\$ 720,232	Section 3.3.3; Page 2; Line 27	11	
12															12	
13	Standby Revenues	693,868	697,689	721,164	724,563	732,018							\$ 3,569,302	Section 3.3.3; Page 13; Line 21	13	
14															14	
15	TOTAL Recorded	\$ 41,994,670	\$ 43,770,393	\$ 46,501,947	\$ 46,596,966	\$ 51,037,702							\$ 229,901,678	Sum Lines 1, 3, 9, 11, 13	15	
16															16	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)		
Line No.	Customer Class	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sub-Total	Grand Total	
17																
18																
19	Residential Customers	\$ 24,461,675	\$ 21,550,151	\$ 17,623,380	\$ 19,552,759	\$ 22,601,472	\$ 19,020,959	\$ 17,841,422	\$ 16,361,281	\$ 16,219,841	\$ 16,951,664	\$ 20,434,672	\$ 18,501,022	\$ 231,120,298	\$ 319,611,959	Section 3.3.3; Pages 3 & 4; Line 21
20																
21																
22	Small Commercial	6,574,230	5,985,637	5,305,669	5,356,161	5,307,285	5,242,966	5,064,721	5,087,012	5,288,841	5,461,124	6,086,400	5,849,194	66,609,242	93,447,792	Section 3.3.3; Pages 3 & 4; Line 23
23																
24	Med-Lrg C&I @ 100% NCD	813,608	1,176,173	754,499	1,039,113	761,053	875,525	834,409	779,652	927,056	892,923	858,780	935,045	10,647,836	15,038,517	Section 3.3.3; Page 6; Line 21
25	Med-Lrg C&I @ 90% NCD	21,900,032	21,236,226	19,166,976	19,394,239	17,028,257	18,917,162	16,842,773	17,847,958	19,185,075	17,499,215	21,628,991	19,359,513	230,006,417	322,751,366	Section 3.3.3; Page 8; Line 33
26	Max On Peak Demand	3,515,123	1,049,231	877,655	869,981	780,635	857,045	766,049	812,692	2,748,509	2,717,613	3,301,834	3,073,707	21,570,074	34,052,586	Section 3.3.3; Page 10; Line 21
27	Max Dem-Time of System Peak	157,579	61,721	41,468	43,624	50,742	44,628	39,368	42,437	162,796	166,593	186,063	147,868	1,144,887	1,808,678	Section 3.3.3; Page 12; Line 21
28	Total Med-Lrg C&I	26,386,342	23,523,351	20,840,598	21,346,957	18,620,687	20,694,360	18,482,599	19,482,739	23,023,436	21,276,344	26,175,668	23,516,133	263,369,214	373,651,147	Sum Lines 26, 27, 28, 29
29																
30	Street Lighting	144,439	143,234	156,438	187,099	111,999	169,709	123,079	143,960	186,442	107,054	139,770	107,146	1,720,370	2,440,602	Section 3.3.3; Pages 3 & 4; Line 27
31																
32	Standby Revenues	732,423	733,164	728,060	728,298	728,464	728,903	730,243	726,460	735,158	737,446	760,679	759,902	8,829,200	12,398,502	Section 3.3.3; Page 14; Line 21
33																
34	TOTAL Recorded	\$ 58,299,110	\$ 51,935,537	\$ 44,654,145	\$ 47,171,275	\$ 47,369,907	\$ 45,856,897	\$ 42,242,065	\$ 41,801,452	\$ 45,453,718	\$ 44,533,632	\$ 53,597,189	\$ 48,733,397	\$ 571,648,324	\$ 801,550,003	Sum Lines 22, 24, 30, 32, 34
35																
36																

NOTES:
For the monthly recorded from April 2012 - August 2013 is based on the 17-month Wholesale True-Up Cost of Service of \$801.566 million derived from the instant TO4-Cycle 2 Annual Formula Filing.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service
For the Rate Effective Period September 2012 through August 2013

		(A)		(B)		(C)		(D)		(E)		(F)		(F)		
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		N/A		Sub-Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	593,057,478	-	563,347,051	-	575,159,666	-	618,034,957	-	706,573,163	-	-	-	3,056,172,314	-	1
2																2
3	Small Commercial	164,611,471	-	165,916,689	-	179,148,115	-	182,270,213	-	196,632,138	-	-	-	888,578,626	-	3
4																4
5	Medium-Large Commercial	810,803,664	2,096,863	835,856,219	2,075,522	921,240,301	2,359,286	877,402,255	2,223,559	917,126,657	2,381,799	-	-	4,362,429,097	11,137,029	5
6																6
7	Street Lighting	11,454,860	-	10,565,360	-	5,352,631	-	10,708,065	-	3,415,024	-	-	-	41,495,939	-	7
8																8
9	Standby Customers	-	167,914	-	168,084	-	166,914	-	166,969	-	167,007	-	-	-	836,887	9
10																10
11	TOTAL	1,579,927,472	2,264,777	1,575,685,319	2,243,606	1,680,900,714	2,526,200	1,688,415,490	2,390,527	1,823,746,982	2,548,806	-	-	8,348,675,977	11,973,916	11

Note: The above billing determinants are the recorded determinants from April 2012 through August 2012, which were converted from sales at meter level to sales at transmission level.

		(A)		(B)		(C)		(D)		(E)		(F)		(F)		
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		N/A		Sub-Total		
Line No.	Customer Classes	Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ -				12
13																13
14	Small Commercial	\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ -				14
15																15
16	Medium-Large Commercial															16
17																17
18	Street Lighting	\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ -				18
19																19
20	Standby Customers															20

Note: The Wholesale Transmission Rates come from Section 3.3.3, page 15.

		(A)		(B)		(C)		(D)		(E)		(F)		(F)		
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		N/A		Sub-Total		
Line No.	Customer Classes	Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Changed Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 17,172,016		\$ 16,311,749		\$ 16,653,784		\$ 17,895,241		\$ 20,458,870		\$ -		\$ 88,491,661	\$ -	21
22																22
23	Small Commercial	\$ 4,971,910		\$ 5,011,333		\$ 5,410,974		\$ 5,505,273		\$ 5,939,060		\$ -		\$ 26,838,550	\$ -	23
24																24
25	Medium-Large Commercial	\$ -	\$18,958,057	\$ -	\$21,566,242	\$ -	\$23,623,121	\$ -	\$22,286,032	\$ -	\$23,848,481	\$ -	\$ -	\$ -	\$110,281,933	25
26																26
27	Street Lighting	\$ 198,818		\$ 183,380		\$ 92,904		\$ 185,857		\$ 59,273		\$ -		\$ 720,232	\$ -	27
28																28
29	Standby Customers		\$ 693,868	\$ -	\$ 697,689	\$ -	\$ 721,164	\$ -	\$ 724,563	\$ -	\$ 732,018	\$ -	\$ -	\$ -	\$ 3,569,302	29
30																30
31	TOTAL	\$ 22,342,745	\$19,651,925	\$ 21,506,462	\$22,263,931	\$ 22,157,662	\$24,344,285	\$ 23,586,371	\$23,010,595	\$ 26,457,203	\$24,580,499	\$ -	\$ -	\$ 116,050,443	\$113,851,235	31
32																32
33	Grand Total		\$41,994,670		\$43,770,393		\$46,501,947		\$46,596,966		\$51,037,702		\$ -		\$229,901,678	33

Note: The above monthly True-Up Cost of Service amounts were derived by multiplying the above rates and billing determinants except Medium & Large C-1 and Standby Customers, where the monthly amounts are derived the appropriate pages.

Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESALe Rates Developed Using the FINAL True-Up Cost of Service
For the Rate Effective Period September 2012 through August 2013

		(A)		(B)		(C)		(D)		(E)		(F)		(F)		
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	844,815,140	-	744,261,920	-	608,645,890	-	675,279,461	-	780,570,638	-	656,913,055	-	4,310,486,105	-	1
2																2
3	Small Commercial	217,661,557	-	198,174,248	-	175,661,663	-	177,333,366	-	175,715,169	-	173,585,649	-	1,118,131,652	-	3
4																4
5	Medium-Large Commercial	1,028,133,613	2,630,742	975,051,511	2,591,512	874,181,195	2,306,872	898,678,027	2,363,063	809,014,375	2,058,956	881,075,469	2,290,495	5,466,134,190	14,241,639	5
6																6
7	Street Lighting	8,321,826	-	8,252,381	-	9,013,128	-	10,779,674	-	6,452,792	-	9,777,744	-	52,597,546	-	7
8																8
9	Standby Customers	-	167,914	-	168,084	-	166,914	-	166,969	-	167,007	-	167,107	-	1,003,994	9
10																10
11	TOTAL	2,098,932,136	2,798,656	1,925,740,061	2,759,596	1,667,501,875	2,473,786	1,762,070,527	2,530,032	1,771,752,975	2,225,962	1,721,351,918	2,290,495	10,947,349,493	15,245,633	11

Note: The above billing determinants are the recorded determinants from September 2012 through August 2013, which were converted from sales at meter level to sales at transmission level.

		(A)		(B)		(C)		(D)		(E)		(F)		(F)		
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
Line No.	Customer Classes	Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Derived Wholesale Transmission Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		12
13																13
14	Small Commercial	\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		14
15																15
16	Medium-Large Commercial															16
17																17
18	Street Lighting	\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		18
19																19
20	Standby Customers															20

Note: The Wholesale Transmission Rates come from Section 3.3.3, page 15.

		(A)		(B)		(C)		(D)		(E)		(F)		(F)		
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
Line No.	Customer Classes	Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Present Rates		Revenues @ Changed Rates		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 24,461,675		\$ 21,550,151		\$ 17,623,380		\$ 19,552,759		\$ 22,601,472		\$ 19,020,959		\$ 124,810,395	\$ -	21
22																22
23	Small Commercial	\$ 6,574,230		\$ 5,985,637		\$ 5,305,669		\$ 5,356,161		\$ 5,307,285		\$ 5,242,966		\$ 33,771,950	\$ -	23
24																24
25	Medium-Large Commercial	\$ -	\$26,386,342	\$ -	\$23,523,351	\$ -	\$20,840,598	\$ -	\$21,346,957	\$ -	\$18,620,687	\$ -	\$20,694,360	\$ -	\$131,412,295	25
26																26
27	Street Lighting	\$ 144,439		\$ 143,234		\$ 156,438		\$ 187,099		\$ 111,999		\$ 169,709		\$ 912,919	\$ -	27
28																28
29	Standby Customers		\$ 732,423		\$ 733,164		\$ 728,060		\$ 728,298		\$ 728,464		\$ 728,903	\$ -	\$ 4,379,312	29
30																30
31	TOTAL	\$ 31,180,345	\$27,118,765	\$ 27,679,022	\$24,256,515	\$ 23,085,487	\$21,568,658	\$ 25,096,020	\$22,075,255	\$ 28,020,756	\$19,349,151	\$ 24,433,634	\$21,423,263	\$ 159,495,264	\$135,791,607	31
32																32
33	Grand Total		\$58,299,110		\$51,935,537		\$44,654,145		\$47,171,275		\$47,369,907		\$45,856,897		\$295,286,871	33

Note: The above monthly True-Up Cost of Service amounts were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers, where the monthly amounts are derived the appropriate pages.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

T04-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

		(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)									
		Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sub-Total	Grand Total									
Line No.	Customer Classes	Billing Determinants Energy (kWh) Demand (kW)		Billing Determinants Energy (kWh) Demand (kW)		Billing Determinants Energy (kWh) Demand (kW)		Billing Determinants Energy (kWh) Demand (kW)		Billing Determinants Energy (kWh) Demand (kW)		Billing Determinants Energy (kWh) Demand (kW)		Line No.				
1	Residential Customers	616,176,269	-	565,057,710	-	560,172,869	-	585,447,321	-	705,737,459	-	638,956,384	-	3,671,548,011	-	7,982,034,117	-	1
2																		2
3	Small Commercial	167,684,283	-	168,422,284	-	175,104,515	-	180,808,512	-	201,510,317	-	193,656,838	-	1,087,186,749	-	2,205,318,401	-	3
4																		4
5	Medium-Large Commercial	774,626,851	2,045,070	832,982,479	2,156,182	880,001,171	2,327,027	762,266,047	2,127,495	1,102,820,005	2,603,962	913,348,912	2,348,140	5,266,045,464	13,607,876	10,732,179,654	27,849,515	5
6																		6
7	Street Lighting	7,091,169	-	8,294,198	-	10,741,810	-	6,167,870	-	8,052,802	-	6,173,190	-	46,521,038	-	99,118,584	-	7
8																		8
9	Standby Customers	-	167,414	-	166,547	-	168,541	-	169,066	-	174,392	-	174,214	-	1,020,175	-	2,024,169	9
10																		10
11	TOTAL	1,565,578,571	2,212,484	1,574,756,670	2,322,730	1,626,020,364	2,495,569	1,534,689,750	2,296,561	2,018,120,583	2,778,354	1,752,135,325	2,522,354	10,071,301,262	14,628,051	21,018,650,756	29,873,684	11

Note: The above billing determinants are the recorded determinants from September 2012 through August 2013, which were converted from sales at meter level to sales at transmission level.

		(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)									
		Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sub-Total	Grand-Total									
Line No.	Customer Classes	Transmission Rates @ Present Energy (kWh) Demand (kW)		Transmission Rates @ Present Energy (kWh) Demand (kW)		Transmission Rates @ Present Energy (kWh) Demand (kW)		Transmission Rates @ Present Energy (kWh) Demand (kW)		Transmission Rates @ Present Energy (kWh) Demand (kW)		Transmission Rates @ Present Energy (kWh) Demand (kW)		Changed Transmission Rates Energy (kWh) Demand (kW)		Line No.		
12	Residential Customers	\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627		\$ 0.0289550627			12	
13																		13
14	Small Commercial	\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117		\$ 0.0302039117				14
15																		15
16	Medium-Large Commercial																	16
17																		17
18	Street Lighting	\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858		\$ 0.0173566858				18
19																		19
20	Standby Customers																	20

Note: The Wholesale Transmission Rates come from Section 3.3.3, page 15.

		(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)									
		Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sub-Total	Grand-Total									
Line No.	Customer Classes	Revenues @ Present Rates Energy (kWh) Demand (kW)		Revenues @ Present Rates Energy (kWh) Demand (kW)		Revenues @ Present Rates Energy (kWh) Demand (kW)		Revenues @ Present Rates Energy (kWh) Demand (kW)		Revenues @ Present Rates Energy (kWh) Demand (kW)		Revenues @ Changed Rates Energy (kWh) Demand (kW)		Revenues @ Changed Rates Energy (kWh) Demand (kW)		Line No.		
21	Residential Customers	\$ 17,841,422		\$ 16,361,281		\$ 16,219,841		\$ 16,951,664		\$ 20,434,672		\$ 18,501,022		\$ 106,309,903	\$ -	\$ 231,120,298	\$ -	21
22																		22
23	Small Commercial	\$ 5,064,721		\$ 5,087,012		\$ 5,288,841		\$ 5,461,124		\$ 6,086,400		\$ 5,849,194		\$ 32,837,293	\$ -	\$ 66,609,242	\$ -	23
24																		24
25	Medium-Large Commercial	\$ -	\$ 18,482,599	\$ -	\$ 19,482,739	\$ -	\$ 23,023,436	\$ -	\$ 21,276,344	\$ -	\$ 26,175,668	\$ -	\$ 23,516,133	\$ -	\$ 131,956,919	\$ -	\$ 263,369,214	25
26																		26
27	Street Lighting	\$ 123,079		\$ 143,960		\$ 186,442		\$ 107,054		\$ 139,770		\$ 107,146		\$ 807,451	\$ -	\$ 1,720,370	\$ -	27
28																		28
29	Standby Customers		\$ 730,243		\$ 726,460		\$ 735,158		\$ 737,446		\$ 760,679		\$ 759,902	\$ -	\$ 4,449,888	\$ -	\$ 8,829,200	29
30																		30
31	TOTAL	\$ 23,029,223	\$ 19,212,842	\$ 21,592,253	\$ 20,209,199	\$ 21,695,124	\$ 23,758,594	\$ 22,519,842	\$ 22,013,790	\$ 26,660,842	\$ 26,936,347	\$ 24,457,362	\$ 24,276,035	\$ 139,954,646	\$ 136,406,807	\$ 299,449,910	\$ 272,198,414	31
32																		32
33	Grand Total		\$ 42,242,065		\$ 41,801,452		\$ 45,453,718		\$ 44,533,632		\$ 53,597,189		\$ 48,733,397		\$ 276,361,453		\$ 571,648,324	33

Note: The above monthly True-Up Cost of Service amounts were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers, where the monthly amounts are derived the appropriate pages.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Non-Coincident Demand @ 100%

Line No.	Description	Apr-12	May-12	Jun-12	Jul-12	Aug-12								Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%:															1
2	Secondary	78,807	74,542	85,448	81,624	85,916	-	-	-	-	-	-	-	406,337	Section 3.3.3; Page 20.2; Ln. 54 x 1000	2
3	Primary	8,817	10,682	13,772	10,635	9,086	-	-	-	-	-	-	-	52,992	Section 3.3.3; Page 20.2; Ln. 58 x 1000	3
4	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.3.3; Page 20.2; Ln. 60 x 1000	4
5	Total	87,624	85,224	99,220	92,259	95,002	-	-	-	-	-	-	-	459,329	Sum Lines 2; 3; 4	5
6																6
7	Non-Coincident Demand Rates Per (S/KW) @ 100%¹															7
8	Secondary	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Line 6	8
9	Primary	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Line 6	9
10	Transmission	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Line 6	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 753,308	\$ 712,538	\$ 816,787	\$ 780,236	\$ 821,267	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,884,136	Line 2 x Line 8	13
14	Primary	84,279	102,110	131,649	101,658	86,849	-	-	-	-	-	-	-	506,545	Line 3 x Line 9	14
15	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 10	15
16	Total	\$ 837,587	\$ 814,648	\$ 948,436	\$ 881,894	\$ 908,116	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,390,681	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 837,587	\$ 814,648	\$ 948,436	\$ 881,894	\$ 908,116	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,390,681	Line 16	18

¹ Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AD, PA-T-1.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Non-Coincident Demand @ 100%

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%:															1
2	Secondary	91,645	83,366	75,059	86,419	70,950	81,803	76,571	74,131	85,734	77,222	77,590	78,682	961,171	Section 3.3.3; Page 20.2; Ln. 54 x 1000	2
3	Primary	(6,530)	37,679	3,873	22,288	8,668	9,790	10,720	7,432	11,250	16,191	12,251	19,137	152,748	Section 3.3.3; Page 20.2; Ln. 58 x 1000	3
4	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.3.3; Page 20.2; Ln. 60 x 1000	4
5	Total	85,115	123,045	78,932	108,706	79,617	91,593	87,291	81,563	96,984	93,413	89,841	97,819	1,113,919	Sum Lines 2; 3; 4	5
6																6
7	Non-Coincident Demand Rates Per (S/KW) @ 100%¹:															7
8	Secondary	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	\$ 9.5588925489	Section 3.3.3; Page 15; Line 6	8
9	Primary	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	\$ 9.5588925487	Section 3.3.3; Page 15; Line 6	9
10	Transmission	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	\$ 9.5588925566	Section 3.3.3; Page 15; Line 6	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 876,024	\$ 816,002	\$ 717,482	\$ 826,066	\$ 678,201	\$ 781,942	\$ 731,934	\$ 708,612	\$ 819,518	\$ 738,157	\$ 741,677	\$ 752,117	\$ 9,187,732	Line 2 x Line 8	13
14	Primary	(62,416)	360,171	37,017	213,047	82,852	93,583	102,475	71,040	107,538	154,766	117,103	182,928	1,460,104	Line 3 x Line 9	14
15	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 4 x Line 10	15
16	Total	\$ 813,608	\$ 1,176,173	\$ 754,499	\$ 1,039,113	\$ 761,053	\$ 875,525	\$ 834,409	\$ 779,652	\$ 927,056	\$ 892,923	\$ 858,780	\$ 935,045	\$ 10,647,836	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 813,608	\$ 1,176,173	\$ 754,499	\$ 1,039,113	\$ 761,053	\$ 875,525	\$ 834,409	\$ 779,652	\$ 927,056	\$ 892,923	\$ 858,780	\$ 935,045	\$ 10,647,836	Line 16	18

¹ Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AD, PA-T-1

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESALe Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Non-Coincident Demand @ 90%

Line No.	Description	Apr-12	May-12	Jun-12	Jul-12	Aug-12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 90%:															1
2																2
3	Schedules AL-TOU / AY-TOU / DG-R	1,598,632	1,668,775	1,796,927	1,681,768	1,835,461	-	-	-	-	-	-	-	8,581,563	Section 3.3.3; Page 20.2; Ln. 87 x 1000	3
4	Schedule A6-TOU	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.3.3; Page 20.2; Ln. 137 x 1000	4
5	Total - Secondary	1,598,632	1,668,775	1,796,927	1,681,768	1,835,461	-	-	-	-	-	-	-	8,581,563	Sum Lines 3 and 4	5
6																6
7																7
8	Schedules AL-TOU / AY-TOU / DG-R:	301,275	301,604	318,008	334,488	329,560	-	-	-	-	-	-	-	1,584,936	Section 3.3.3; Page 20.2; Ln. 91 x 1000	8
9	Schedule A6-TOU	13,404	16,428	31,319	4,564	20,828	-	-	-	-	-	-	-	86,544	Section 3.3.3; Page 20.2; Ln. 141 x 1000	9
10	Total - Primary	314,680	318,033	349,327	339,052	350,389	-	-	-	-	-	-	-	1,671,480	Sum Lines 8 and 9	10
11																11
12																12
13	Schedules AL-TOU / AY-TOU / DG-R:	20,428	19,918	19,893	20,074	21,193	-	-	-	-	-	-	-	101,506	Section 3.3.3; Page 20.2; Ln. 93 x 1000	13
14	Schedule A6-TOU	75,500	86,403	93,919	90,406	79,733	-	-	-	-	-	-	-	425,983	Section 3.3.3; Page 20.2; Ln. 143 x 1000	14
15	Total - Transmission	95,927	106,322	113,812	110,480	100,948	-	-	-	-	-	-	-	527,489	Sum Lines 13 and 14	15
16	Total	2,009,239	2,093,129	2,260,066	2,131,300	2,286,797	-	-	-	-	-	-	-	10,780,531	Sum Lines 5; 10; 15	16
17																17
18																18
19	Non-Coincident Demand Rates Per (S/KW) @ 90%:															19
20	Secondary	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Line 8	20
21	Primary	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Line 8	21
22	Transmission	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Line 8	22
23																23
24	Revenues @ Calculated Rates:															24
25	Secondary	\$ 13,753,041	\$ 14,356,478	\$ 15,458,968	\$ 14,468,253	\$ 15,790,473	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,827,213	Line 5 x Line 20	25
26	Primary	2,707,189	2,736,035	3,005,262	2,916,867	3,014,394	-	-	-	-	-	-	-	14,379,747	Line 10 x Line 21	26
27	Transmission	825,265	914,685	979,124	950,459	868,458	-	-	-	-	-	-	-	4,537,989	Line 15 x Line 22	27
28	Total	\$ 17,285,493	\$ 18,007,198	\$ 19,443,354	\$ 18,335,579	\$ 19,673,325	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,744,949	Sum Lines 25; 26; 27	28
29																29
30	Total Revenues @ Calculated Rates:	\$ 17,285,493	\$ 18,007,198	\$ 19,443,354	\$ 18,335,579	\$ 19,673,325	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92,744,949	Line 28	30

1 90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER, DG-R and A6-TOU.

Section 3.3.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESALe Rates Developed Using the FINAL True-Up Cost of Service
For the Rate Effective Period September 2012 through August 2013
Non-Coincident Demand @ 90%

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 90%:															1
2																2
3	Schedules AL-TOU / AY-TOU / DG-R	2,032,596	1,931,513	1,749,262	1,803,287	1,563,013	1,737,027	1,542,464	1,662,109	1,804,147	1,741,172	1,795,669	1,812,448	21,174,705	Section 3.3.3; Page 20.2; Ln. 87 x 1000	3
4	Schedule A6-TOU	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.3.3; Page 20.2; Ln. 137 x 1000	4
5	Total - Secondary	2,032,596	1,931,513	1,749,262	1,803,287	1,563,013	1,737,027	1,542,464	1,662,109	1,804,147	1,741,172	1,795,669	1,812,448	21,174,705	Sum Lines 3 and 4	5
6																6
7																7
8	Schedules AL-TOU / AY-TOU / DG-R:	376,239	375,389	326,350	335,070	273,494	315,825	293,398	289,519	285,286	146,303	584,000	305,561	3,906,435	Section 3.3.3; Page 20.2; Ln. 91 x 1000	8
9	Schedule A6-TOU	23,984	10,862	14,124	30,856	13,203	25,083	16,744	15,741	22,125	13,155	10,901	22,948	219,727	Section 3.3.3; Page 20.2; Ln. 141 x 1000	9
10	Total - Primary	400,224	386,251	340,473	365,927	286,698	340,909	310,142	305,260	307,411	159,458	594,901	328,510	4,126,162	Sum Lines 8 and 9	10
11																11
12																12
13	Schedules AL-TOU / AY-TOU / DG-R:	25,993	25,271	39,079	(6,481)	39,772	25,774	21,272	9,860	15,215	33,612	22,627	22,849	274,843	Section 3.3.3; Page 20.2; Ln. 93 x 1000	13
14	Schedule A6-TOU	86,814	125,432	99,125	91,624	89,856	95,193	83,900	97,391	103,271	99,840	100,925	86,514	1,159,886	Section 3.3.3; Page 20.2; Ln. 143 x 1000	14
15	Total - Transmission	112,807	150,703	138,205	85,143	129,628	120,967	105,172	107,251	118,486	135,452	123,552	109,363	1,434,728	Sum Lines 13 and 14	15
16	Total	2,545,626	2,468,467	2,227,940	2,254,357	1,979,339	2,198,902	1,957,778	2,074,619	2,230,044	2,034,082	2,514,121	2,250,320	26,735,596	Sum Lines 5; 10; 15	16
17																17
18																18
19	Non-Coincident Demand Rates Per (S/KW) @ 90%:															19
20	Secondary	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	\$ 8.6030032940	Section 3.3.3; Page 15; Line 8	20
21	Primary	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	\$ 8.6030032938	Section 3.3.3; Page 15; Line 8	21
22	Transmission	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	\$ 8.6030033010	Section 3.3.3; Page 15; Line 8	22
23																23
24	Revenues @ Calculated Rates:															24
25	Secondary	\$ 17,486,428	\$ 16,616,812	\$ 15,048,909	\$ 15,513,684	\$ 13,446,603	\$ 14,943,645	\$ 13,269,826	\$ 14,299,126	\$ 15,521,083	\$ 14,979,305	\$ 15,448,142	\$ 15,592,495	\$ 182,166,058	Line 5 x Line 20	25
26	Primary	3,443,125	3,322,915	2,929,092	3,148,069	2,466,460	2,932,838	2,668,152	2,626,155	2,644,656	1,371,820	5,117,933	2,826,170	35,497,385	Line 10 x Line 21	26
27	Transmission	970,479	1,296,499	1,188,975	732,486	1,115,194	1,040,679	904,795	922,677	1,019,336	1,148,090	1,062,916	940,848	12,342,974	Line 15 x Line 22	27
28	Total	\$ 21,900,032	\$ 21,236,226	\$ 19,166,976	\$ 19,394,239	\$ 17,028,257	\$ 18,917,162	\$ 16,842,773	\$ 17,847,958	\$ 19,185,075	\$ 17,499,215	\$ 21,628,991	\$ 19,359,513	\$ 230,006,417	Sum Lines 25; 26; 27	28
29																29
30	Total Revenues @ Calculated Rates:	\$ 21,900,032	\$ 21,236,226	\$ 19,166,976	\$ 19,394,239	\$ 17,028,257	\$ 18,917,162	\$ 16,842,773	\$ 17,847,958	\$ 19,185,075	\$ 17,499,215	\$ 21,628,991	\$ 19,359,513	\$ 230,006,417	Line 28	30

1 90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER; DG-R and A6-TOU.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

T04-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Maximum On Peak Period Demand Rates (Summer & Winter Rates)

Line No.	Description	Apr-12	May-12	Jun-12	Jul-12	Aug-12	N/A	N/A	N/A	N/A	N/A	N/A	Total	Reference	Line No.
1	On-Peak Demand (KW):														1
2	Secondary	1,288,897	1,415,029	1,678,566	1,573,144	1,725,991	-	-	-	-	-	-	7,681,628	Section 3.3.3; Page 20.3; Ln. 105 x 1000	2
3	Primary	278,089	294,603	328,196	347,093	337,037	-	-	-	-	-	-	1,585,018	Section 3.3.3; Page 20.3; Ln. 109 x 1000	3
4	Transmission	31,709	34,717	31,447	45,861	27,503	-	-	-	-	-	-	171,236	Section 3.3.3; Page 20.3; Ln. 111 x 1000	4
5	Total	1,598,695	1,744,349	2,038,209	1,966,099	2,090,531	-	-	-	-	-	-	9,437,883	Sum Lines 2; 3; 4	5
6															6
7	Maximum On-Peak Demand Rates Per (\$/KW):														7
8	Secondary	\$ 0.4986748126	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 11 & 12	8
9	Primary	\$ 0.4986748126	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 11 & 12	9
10	Transmission	\$ 0.4986748126	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 11 & 12	10
11															11
12	Revenues @ Calculated Rates:														12
13	Secondary	\$ 642,741	\$ 2,109,277	\$ 2,502,112	\$ 2,344,967	\$ 2,572,804	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,171,901	Line 2 x Line 8	13
14	Primary	138,676	439,143	489,217	517,385	502,395	-	-	-	-	-	-	2,086,816	Line 3 x Line 9	14
15	Transmission	15,812	51,750	46,875	68,362	40,996	-	-	-	-	-	-	223,795	Line 4 x Line 10	15
16	Total	\$ 797,229	\$ 2,600,170	\$ 3,038,204	\$ 2,930,714	\$ 3,116,195	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,482,512	Sum Lines 13; 14; 15	16
17															17
18	Total Revenues @ Calculated Rates:	\$ 797,229	\$ 2,600,170	\$ 3,038,204	\$ 2,930,714	\$ 3,116,195	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,482,512	Line 16	18

¹ Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL- TOU, AL-TOU-DER and DG-R.

Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Maximum On Peak Period Demand Rates (Summer & Winter Rates)

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	On-Peak Demand (KW):															1
2	Secondary	1,927,619	1,697,912	1,413,083	1,454,498	1,236,854	1,391,387	1,234,083	1,343,441	1,538,812	1,631,189	1,682,539	1,700,726	18,252,144	Section 3.3.3; Page 20.3; Ln. 105 x 1000	2
3	Primary	391,865	371,725	296,127	301,964	246,183	287,476	267,298	262,915	266,572	143,022	615,534	331,001	3,781,683	Section 3.3.3; Page 20.3; Ln. 109 x 1000	3
4	Transmission	38,671	34,402	50,765	(11,875)	82,382	39,782	34,788	23,348	38,480	48,925	51,167	30,300	461,133	Section 3.3.3; Page 20.3; Ln. 111 x 1000	4
5	Total	2,358,155	2,104,039	1,759,974	1,744,587	1,565,419	1,718,645	1,536,168	1,629,704	1,843,865	1,823,137	2,349,240	2,062,027	22,494,959	Sum Lines 2; 3; 4	5
6																6
7	Maximum On-Peak Demand Rates Per (\$/KW):															7
8	Secondary	\$ 1.4906243582	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582		Section 3.3.3; Page 15; Lines 11 & 12	8
9	Primary	\$ 1.4906243582	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582		Section 3.3.3; Page 15; Lines 11 & 12	9
10	Transmission	\$ 1.4906243582	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582		Section 3.3.3; Page 15; Lines 11 & 12	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ 2,873,356	\$ 846,706	\$ 704,669	\$ 725,321	\$ 616,788	\$ 693,850	\$ 615,406	\$ 669,940	\$ 2,293,791	\$ 2,431,491	\$ 2,508,034	\$ 2,535,144	\$ 17,514,496	Line 2 x Line 8	13
14	Primary	584,124	185,370	147,671	150,582	122,765	143,357	133,295	131,109	397,359	213,193	917,530	493,398	3,619,753	Line 3 x Line 9	14
15	Transmission	57,643	17,155	25,315	(5,922)	41,082	19,838	17,348	11,643	57,359	72,929	76,270	45,165	435,825	Line 4 x Line 10	15
16	Total	\$ 3,515,123	\$ 1,049,231	\$ 877,655	\$ 869,981	\$ 780,635	\$ 857,045	\$ 766,049	\$ 812,692	\$ 2,748,509	\$ 2,717,613	\$ 3,501,834	\$ 3,073,707	\$ 21,570,074	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 3,515,123	\$ 1,049,231	\$ 877,655	\$ 869,981	\$ 780,635	\$ 857,045	\$ 766,049	\$ 812,692	\$ 2,748,509	\$ 2,717,613	\$ 3,501,834	\$ 3,073,707	\$ 21,570,074	Line 16	18

¹ Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU; AL-TOU; AL-TOU-DER and DG-R.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESALE Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Maximum Demand @ Time of System Peak (Summer & Winter Rates)

Line No.	Description	Apr-12	May-12	Jun-12	Jul-12	Aug-12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total	Reference	Line No.
1	Coincident Peak Demand (KW):															1
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.3.3; Page 20.4; Ln. 155 x 1000	2
3	Primary	11,377	13,011	29,399	10,979	16,032	-	-	-	-	-	-	-	80,797	Section 3.3.3; Page 20.4; Ln. 159 x 1000	3
4	Transmission	58,813	66,079	76,507	64,611	66,687	-	-	-	-	-	-	-	332,696	Section 3.3.3; Page 20.4; Ln. 161 x 1000	4
5	Total	70,190	79,089	105,905	75,590	82,719	-	-	-	-	-	-	-	413,493	Sum Lines 2; 3; 4	5
6																6
7	Coincident Peak Demand Rates Per (\$/KW):															7
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 15 and 16	8
9	Primary	\$0.5378033334	\$1.8235839309	\$1.8235839309	\$1.8235839309	\$1.8235839309	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 15 and 16	9
10	Transmission	\$0.5378033334	\$1.8235839309	\$1.8235839309	\$1.8235839309	\$1.8235839309	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 15 and 16	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8	13
14	Primary	6,118	23,726	53,611	20,022	29,236	-	-	-	-	-	-	-	132,713	Line 3 x Line 9	14
15	Transmission	31,630	120,500	139,516	117,823	121,609	-	-	-	-	-	-	-	531,078	Line 4 x Line 10	15
16	Total	\$ 37,748	\$ 144,226	\$ 193,127	\$ 137,845	\$ 150,845	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 663,791	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 37,748	\$ 144,226	\$ 193,127	\$ 137,845	\$ 150,845	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 663,791	Line 16	18

¹ Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU.

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

T04-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Maximum Demand @ Time of System Peak (Summer & Winter Rates)

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Coincident Peak Demand (KW):															1
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	Section 3.3.3; Page 20.4; Ln. 155 x 1000	2
3	Primary	14,454	8,435	4,866	14,309	11,267	12,034	8,063	13,863	11,627	19,717	14,205	14,432	147,270	Section 3.3.3; Page 20.4; Ln. 159 x 1000	3
4	Transmission	71,958	106,330	72,241	66,807	83,082	70,948	65,140	65,044	77,646	71,637	87,827	66,654	905,312	Section 3.3.3; Page 20.4; Ln. 161 x 1000	4
5	Total	86,412	114,764	77,106	81,116	94,349	82,982	73,203	78,906	89,273	91,354	102,032	81,086	1,052,583	Sum Lines 2; 3; 4	5
6																6
7	Coincident Peak Demand Rates Per (\$/KW):															7
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Page 15; Lines 15 and 16	8
9	Primary	\$ 1.8235839309	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 1.8235839309	\$ 1.8235839309	\$ 1.8235839309	\$ 1.8235839309	\$ 1.8235839309	Section 3.3.3; Page 15; Lines 15 and 16	9
10	Transmission	\$ 1.8235839309	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 0.5378033334	\$ 1.8235839309	\$ 1.8235839309	\$ 1.8235839309	\$ 1.8235839309	\$ 1.8235839309	Section 3.3.3; Page 15; Lines 15 and 16	10
11																11
12	Revenues @ Calculated Rates:															12
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8	13
14	Primary	26,358	4,536	2,617	7,695	6,060	6,472	4,336	7,456	21,202	35,956	25,904	26,318	174,910	Line 3 x Line 9	14
15	Transmission	131,221	57,185	38,851	35,929	44,682	38,156	35,032	34,981	141,594	130,637	160,159	121,550	969,977	Line 4 x Line 10	15
16	Total	\$ 157,579	\$ 61,721	\$ 41,468	\$ 43,624	\$ 50,742	\$ 44,628	\$ 39,368	\$ 42,437	\$ 162,796	\$ 166,593	\$ 186,063	\$ 147,868	\$ 1,144,887	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 157,579	\$ 61,721	\$ 41,468	\$ 43,624	\$ 50,742	\$ 44,628	\$ 39,368	\$ 42,437	\$ 162,796	\$ 166,593	\$ 186,063	\$ 147,868	\$ 1,144,887	Line 16	18
1	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU.															

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TQ4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Standby Customers

Line No.	Description	Apr-12	May-12	Jun-12	Jul-12	Aug-12	N/A	N/A	N/A	N/A	N/A	N/A	Total	Reference	Line No.	
1	<u>Demand - Billing Determinants (KW):</u>														1	
2	Secondary	12,044	12,044	12,043	12,140	11,702	-	-	-	-	-	-	59,974	Section 3.3.3; Page 20.4; Ln. 168 x 1000	2	
3	Primary	86,834	86,732	92,138	93,297	95,453	-	-	-	-	-	-	454,454	Section 3.3.3; Page 20.4; Ln. 172 x 1000	3	
4	Transmission	60,197	61,175	61,151	60,676	60,666	-	-	-	-	-	-	303,865	Section 3.3.3; Page 20.4; Ln. 174 x 1000	4	
5	Total	159,075	159,951	165,333	166,112	167,821	-	-	-	-	-	-	818,293	Sum Lines 2; 3; 4	5	
6															6	
7	<u>Demand Rates Per (\$/KW):</u>														7	
8	Secondary	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	Section 3.3.3; Page 15; Line 20	8	
9	Primary	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	Section 3.3.3; Page 15; Line 20	9	
10	Transmission	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	Section 3.3.3; Page 15; Line 20	10	
11															11	
12	<u>Revenues at Present Rates:</u>														12	
13	Secondary	\$ 52,536	\$ 52,536	\$ 52,532	\$ 52,951	\$ 51,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 261,600	Line 2 x Line 8	13
14	Primary	378,759	378,314	401,898	406,950	416,355	-	-	-	-	-	-	1,982,276	Line 3 x Line 9	14	
15	Transmission	262,573	266,839	266,734	264,662	264,618	-	-	-	-	-	-	1,325,426	Line 4 x Line 10	15	
16	Total	\$ 693,868	\$ 697,689	\$ 721,164	\$ 724,563	\$ 732,018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,569,302	Sum Lines 13; 14; 15	16	
17															17	
18	Total Revenues at Present Rates	\$ 693,868	\$ 697,689	\$ 721,164	\$ 724,563	\$ 732,018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,569,302	Line 16	18	

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Standby Customers

Line No.	Description	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															1
2	Secondary	11,640	11,640	10,470	10,744	10,744	10,744	10,744	10,744	10,744	10,744	11,524	11,524	132,001	Section 3.3.3; Page 20.4; Ln. 168 x 1000	2
3	Primary	95,506	95,592	95,592	95,186	95,186	95,243	95,550	95,330	96,380	96,904	101,322	101,303	1,159,094	Section 3.3.3; Page 20.4; Ln. 172 x 1000	3
4	Transmission	60,768	60,852	60,852	61,039	61,077	61,121	61,121	60,474	61,418	61,418	61,547	61,387	733,074	Section 3.3.3; Page 20.4; Ln. 174 x 1000	4
5	Total	167,914	168,084	166,914	166,969	167,007	167,107	167,414	166,547	168,541	169,066	174,392	174,214	2,024,169	Sum Lines 2; 3; 4	5
6																6
7	Demand Rates Per. (\$/KW):															7
8	Secondary	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027		Section 3.3.3; Page 15; Line 20	8
9	Primary	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027		Section 3.3.3; Page 15; Line 20	9
10	Transmission	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027	\$4.3618890027		Section 3.3.3; Page 15; Line 20	10
11																11
12	Revenues at Present Rates:															12
13	Secondary	\$ 50,771	\$ 50,771	\$ 45,667	\$ 46,862	\$ 46,862	\$ 46,862	\$ 46,862	\$ 46,862	\$ 46,862	\$ 46,862	\$ 50,265	\$ 50,265	\$ 575,773	Line 2 x Line 8	13
14	Primary	416,589	416,963	416,963	415,191	415,191	415,438	416,778	415,817	420,398	422,686	441,953	441,874	5,055,841	Line 3 x Line 9	14
15	Transmission	265,063	265,430	265,430	266,245	266,411	266,603	266,603	263,781	267,898	267,898	268,461	267,763	3,197,586	Line 4 x Line 10	15
16	Total	\$ 732,423	\$ 733,164	\$ 728,060	\$ 728,298	\$ 728,464	\$ 728,903	\$ 730,243	\$ 726,460	\$ 735,158	\$ 737,446	\$ 760,679	\$ 759,902	\$ 8,829,200	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues at Present Rates	\$ 732,423	\$ 733,164	\$ 728,060	\$ 728,298	\$ 728,464	\$ 728,903	\$ 730,243	\$ 726,460	\$ 735,158	\$ 737,446	\$ 760,679	\$ 759,902	\$ 8,829,200	Line 16	18

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Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Level Demand Rates \$/kW-Mo	Primary Level Demand Rates \$/kW-Mo	Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0289550627				Section 3.3.2; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0302039117				Section 3.3.2; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 9.5588925566	\$ 9.5588925487	\$ 9.5588925489	Section 3.3.2; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 8.6030033010	\$ 8.6030032938	\$ 8.6030032940	Section 3.3.2; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.4906243582	\$ 1.4906243582	\$ 1.4906243582	Section 3.3.2; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.4986748126	\$ 0.4986748126	\$ 0.4986748126	Section 3.3.2; Page 7; Lines 32;33;34	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 1.8235839309	\$ 1.8235839309	\$ -	Section 3.3.2; Page 8; Lines 29;30;31	15
16	Winter		\$ 0.5378033334	\$ 0.5378033334	\$ -	Section 3.3.2; Page 9; Lines 32;33;34	16
17							17
18	Street Lighting	\$ 0.0173566858				Section 3.3.2; Page 10; Line 11	18
19							19
20	Standby Rate		\$ 4.3618890027	\$ 4.3618890027	\$ 4.3618890027	Section 3.3.2; Page 11; Lns 33;34;35	20

NOTES:

¹ Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1

² NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

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Section 3.3.3

**SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing**

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESALE Rates Developed Using the FINAL True-Up Cost of Service

For the Rate Effective Period September 2012 through August 2013

Billing Determinants @ Transmission Level

Line No.	Customer Classes	(A)		(B)		(C)		(D)		(E)		(F)		(G)		Line No.	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)		
		Apr-12		May-12		Jun-12		Jul-12		Aug-12		N/A		Sub-Total			
1	Residential Customers ¹	593,057,478		563,347,051		575,159,666		618,034,957		706,573,163		-		3,056,172,314	-	1	
2																2	
3	Small Commercial ²	164,611,471		165,916,689		179,148,115		182,270,213		196,632,138		-		888,578,626	-	3	
4																4	
5	Medium-Large Commercial ³	810,803,664	2,096,863	835,856,219	2,075,522	921,240,301	2,359,286	877,402,255	2,223,559	917,126,657	2,381,799	-	-	4,362,429,097	11,137,029	5	
6																6	
7	Street Lighting ⁴	11,454,860		10,565,360		5,352,631		10,708,065		3,415,024		-		41,495,939	-	7	
8																8	
9	Sale for Resale ⁵	-		2,615		1,444		(3,132)		813		-		1,740	-	9	
10																10	
11	Standby Customers ⁶		167,914		168,084		166,914		166,969		167,007		-	-	836,887	11	
12																12	
13	TOTAL	1,579,927,472	2,264,777	1,575,687,934	2,243,606	1,680,902,158	2,526,200	1,688,412,358	2,390,527	1,823,747,795	2,548,806	-	-	8,348,677,717	11,973,916	13	
14																14	

NOTES:

- ¹ See Section 3.3.3; Page 20.1; Line 5 x 1000.
- ² See Section 3.3.3; Page 20.1; Line 9 x 1000.
- ³ See Section 3.3.3; Pages 20.1; 20.2; 20.3; 20.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.
- ⁴ See Section 3.3.3; Page 20.1; Line 25 x 1000.
- ⁵ See Section 3.3.3; Page 20.1; Line 27 x 1000.
- ⁶ See Section 3.3.3; Page 20.4; Line 176 x 1000.

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Section 3.3.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service
For the Rate Effective Period September 2012 through August 2013
Billing Determinants @ Transmission Level

		(A)		(B)		(C)		(D)		(E)		(F)		(G)		
		Sep-12		Oct-12		Nov-12		Dec-12		Jan-13		Feb-13		Sub-Total		
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	844,815,140		744,261,920		608,645,890		675,279,461		780,570,638		656,913,055		4,310,486,105	-	1
2																2
3	Small Commercial ²	217,661,557		198,174,248		175,661,663		177,333,366		175,715,169		173,585,649		1,118,131,652	-	3
4																4
5	Medium-Large Commercial ³	1,028,133,613	2,630,742	975,051,511	2,591,512	874,181,195	2,306,872	898,678,027	2,363,063	809,014,375	2,058,956	881,075,469	2,290,495	5,466,134,190	14,241,639	5
6																6
7	Street Lighting ⁴	8,321,826		8,252,381		9,013,128		10,779,674		6,452,792		9,777,744		52,597,546	-	7
8																8
9	Sale for Resale ⁵	-	978			-		-		2,772		763		4,513	-	9
10																10
11	Standby Customers ⁶		167,914		168,084		166,914		166,969		167,007		167,107	-	1,003,994	11
12																12
13	TOTAL	2,098,932,136	2,798,656	1,925,741,039	2,759,596	1,667,501,875	2,473,786	1,762,070,527	2,530,032	1,771,755,747	2,225,962	1,721,352,681	2,457,602	10,947,354,006	15,245,633	13
14																14
NOTES:																
¹	See Section 3.3.3; Page 20.1; Line 5 x 1000.															
²	See Section 3.3.3; Page 20.1; Line 9 x 1000.															
³	See Section 3.3.3; Pages 20.1; 20.2; 20.3; 20.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.															
⁴	See Section 3.3.3; Page 20.1; Line 25 x 1000.															
⁵	See Section 3.3.3; Page 20.1; Line 27 x 1000.															
⁶	See Section 3.3.3; Page 20.4; Line 176 x 1000.															

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Section 3.3.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation
DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of Service
For the Rate Effective Period September 2012 through August 2013
Billing Determinants @ Transmission Level

		(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)									
		Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sub-Total	Grand Total									
Line No.	Customer Classes	Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Billing Determinants		Line No.				
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)					
1	Residential Customers ¹	616,176,269		565,057,710		560,172,869		585,447,321		705,737,459		638,956,384		3,671,548,011	-	7,982,034,117	-	1
2																		2
3	Small Commercial ²	167,684,283		168,422,284		175,104,515		180,808,512		201,510,317		193,656,838		1,087,186,749	-	2,205,318,401	-	3
4																		4
5	Medium-Large Commercial ³	774,626,851	2,045,070	832,982,479	2,156,182	880,001,171	2,327,027	762,266,047	2,127,495	1,102,820,005	2,603,962	913,348,912	2,348,140	5,266,045,464	13,607,876	10,732,179,654	27,849,515	5
6																		6
7	Street Lighting ⁴	7,091,169		8,294,198		10,741,810		6,167,870		8,052,802		6,173,190		46,521,038	-	99,118,584	-	7
8																		8
9	Sale for Resale ⁵	723		-		1,451		356		124		1,355		4,009	-	8,522		9
10																		10
11	Standby Customers ⁶		167,414		166,547		168,541		169,066		174,392		174,214	-	1,020,173	-	2,024,169	11
12																		12
13	TOTAL	1,565,579,294	2,212,484	1,574,756,670	2,322,730	1,626,021,815	2,495,569	1,534,690,106	2,296,561	2,018,120,707	2,778,354	1,752,136,680	2,522,354	10,071,305,271	14,628,051	21,018,659,278	29,873,684	13
14																		14
NOTES:																		
¹	See Section 3.3.3; Page 20.1; Line 5 x 1000.																	
²	See Section 3.3.3; Page 20.1; Line 9 x 1000.																	
³	See Section 3.3.3; Pages 20.1; 20.2; 20.3; 20.4; (Lines 13, 17, and 21) x 1000; (Lines 62, 95, and 145) x 1000.																	
⁴	See Section 3.3.3; Page 20.1; Line 25 x 1000.																	
⁵	See Section 3.3.3; Page 20.1; Line 27 x 1000.																	
⁶	See Section 3.3.3; Page 20.4; Line 176 x 1000.																	

Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 2 Annual Transmission Formulaic Rate Filing

Derivation of TO3-17 Month FINAL True-Up Adjustment Calculation

**DERIVATION of 17-Month RECORDED True-Up Cost of Service Based on the WHOLESale Rates Developed Using the FINAL True-Up Cost of
For the Rate Effective Period September 2012 through August 2013**

Total Billing Determinants @ Transmission Level

		(M)		
		12 Months to Date		
Line		Billing Determinants @ Transmission Level		Line
No.	Customer Classes	Energy (kWh)	Demand (kW)	No.
1	Residential Customers	11,038,206,431	-	1
2				2
3	Small Commercial	3,093,897,027	-	3
4				4
5	Medium-Large Commercial	15,094,608,751	38,986,544	5
6				6
7	Street Lighting	140,614,523	-	7
8				8
9	Sale for Resale	10,262	-	9
10				10
11	Standby Customers	-	2,861,056	11
12				12
13	TOTAL	29,367,336,995	41,847,601	13
14				14

Section 3.3.3

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.	San Diego Gas & Electric																		Line No.	
FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013																				
	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Total	
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13			
1	SDG&E: System Delivery Determinants																			1
2	Customer Class Deliveries (MWh)																			2
3	Residential	567,139	538,727	550,024	591,025	675,694	807,894	711,736	582,046	645,768	746,458	628,204	589,248	540,363	535,692	559,862	674,895	611,032	10,555,806	
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
5	Residential @ Transmission Level	593,057	563,347	575,160	618,035	706,573	844,815	744,262	608,646	675,279	780,571	656,913	616,176	565,058	560,173	585,447	705,737	638,956	11,038,206	
6																				
7	Small Commercial	157,417	158,666	171,319	174,305	188,039	208,149	189,513	167,985	169,583	168,036	165,999	160,356	161,062	167,452	172,907	192,704	185,193	2,958,685	
8	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
9	Small Commercial @ Transmission Level	164,611	165,917	179,148	182,270	196,632	217,662	198,174	175,662	177,333	175,715	173,586	167,684	168,422	175,105	180,809	201,510	193,657	3,093,897	
10																				
11	Med. & Large Comm./Ind. (AD + PA-T-1)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	
12	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	19,476	21,068	29,719	28,395	28,953	26,351	30,959	20,528	27,972	18,821	19,407	20,709	21,063	28,630	27,261	27,125	30,478	426,913	
14																				
15	Med. & Large Comm./Ind. (AY + AL + DGR)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	
16	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	738,000	756,312	826,637	793,902	827,159	944,463	866,408	795,053	800,356	725,818	791,424	701,509	752,333	780,659	671,028	1,007,444	823,832	13,602,137	
18																				
19	Med. & Large Comm./Ind. (A6)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	
20	Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	
21	Med. & Large Comm./Ind. (A6) @ Trans Level	53,328	58,476	64,885	55,105	61,014	57,320	77,685	58,600	70,351	64,376	70,245	52,609	59,587	70,712	63,976	68,252	59,039	1,065,558	
22																				
23	Lighting	10,954	10,104	5,119	10,240	3,266	7,958	7,892	8,619	10,309	6,171	9,350	6,781	7,932	10,272	5,898	7,701	5,903	134,469	
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
25	Street Lighting @ Transmission Level	11,455	10,565	5,353	10,708	3,415	8,322	8,252	9,013	10,780	6,453	9,778	7,091	8,294	10,742	6,168	8,053	6,173	140,615	
26																				
27	Sale for Resale	0.0	2.6	1.4	-3.1	0.8	0.0	1.0	0.0	0.0	2.8	0.8	0.7	0.0	1.5	0.4	0.1	1.4	10.3	
28	Total System Delivery@Meter Exclude Resale	1,517,940	1,514,101	1,615,462	1,622,266	1,752,029	2,016,486	1,850,383	1,602,520	1,693,177	1,701,627	1,654,079	1,504,152	1,513,456	1,562,904	1,474,502	1,939,880	1,683,809	28,218,775	
29	Total System Delivery@Trans. Exclude Resale	1,579,927	1,575,685	1,680,901	1,688,415	1,823,747	2,098,932	1,925,740	1,667,502	1,762,071	1,771,753	1,721,352	1,565,579	1,574,757	1,626,020	1,534,690	2,018,121	1,752,135	29,367,527	
30	Med. & Large Comm./Ind.																			
31	Rate Schedule Billing Determinants																			
32																				
33	Schedules AD / PA-T-1:Applicable to 100% NCD	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	
34	Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	
35																				
36	Total Deliveries (%)																			
37	% @ Secondary Service	87.19%	88.34%	88.46%	92.07%	90.26%	109.76%	85.23%	94.28%	84.06%	89.15%	85.01%	83.59%	92.68%	89.38%	86.69%	94.27%	85.82%	89.81%	
38	% @ Primary Service	12.81%	11.66%	11.54%	7.93%	9.74%	-9.76%	14.77%	5.72%	15.94%	10.85%	14.99%	16.41%	7.32%	10.62%	13.31%	5.73%	14.18%	10.19%	
39	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
41	Total Deliveries (MWh)																			
42	MWh @ Secondary Service	16,387	17,960	25,369	25,228	25,218	27,920	25,471	18,683	22,698	16,197	15,926	16,710	18,844	24,702	22,813	24,684	25,250	370,060	
43	MWh @ Primary Service	2,408	2,371	3,310	2,173	2,721	-2,483	4,414	1,133	4,304	1,971	2,808	3,280	1,488	2,935	3,503	1,500	4,172	42,009	
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45		18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	

Section 3.3.3

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.																				Line No.
46	Non-Coincident Demand (%)																			46
47	% @ Secondary Service	0.4599%	0.3969%	0.3221%	0.3094%	0.3258%	0.3139%	0.3205%	0.3842%	0.3641%	0.4189%	0.4912%	0.4382%	0.3762%	0.3319%	0.3237%	0.3006%	0.2980%	0.3534%	47
48	% @ Primary Service	0.3623%	0.4458%	0.4117%	0.4842%	0.3303%	0.2602%	0.8445%	0.3380%	0.5123%	0.4350%	0.3449%	0.3233%	0.4940%	0.3792%	0.4573%	0.8078%	0.4538%	0.4845%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50																				50
51	Non-Coincident Demand (MW)																			51
52	MW @ Secondary Service	75.363	71.284	81.714	78.057	82.162	87.640	81.635	71.779	82.642	67.849	78.228	73.225	70.891	81.987	73.847	74.199	75.244	1,307.745	52
53	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	53
54	Non-Coincident Demand @ Transmission Level	78.807	74.542	85.448	81.624	85.916	91.645	85.366	75.059	86.419	70.950	81.803	76.571	74.131	85.734	77.222	77.590	78.682	1,367.509	54
55																				55
56	MW @ Primary Service	8.723	10.568	13.625	10.521	8.989	-6.460	37.277	3.831	22.050	8.575	9.686	10.606	7.352	11.130	16.018	12.120	18.932	203.542	56
57	Transmission Level Adjustment Factor	1.01080	1.01080	1.01080	1.01080	1.01080	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	57
58	Non-Coincident Demand @ Transmission Level	8.817	10.682	13.772	10.635	9.086	-6.530	37.679	3.873	22.288	8.668	9.790	10.720	7.432	11.250	16.191	12.251	19.137	205.740	58
59																				59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	84.086	81.852	95.339	88.578	91.150	81.180	118.912	75.610	104.692	76.424	87.913	83.830	78.244	93.117	89.865	86.319	94.176	1,511.286	61
62	Non-Coincident Demand @ Transmission Level	87.624	85.224	99.220	92.259	95.002	85.115	123.045	78.932	108.706	79.617	91.593	87.291	81.563	96.984	93.413	89.841	97.819	1,573.249	62
63																				63
64																				64
65	Schedules AL-TOU / AY-TOU / DG-R:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	65
66	Applicable to 90% NCD - Total Deliveries (MWh)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	66
67																				67
68	Total Deliveries (%)																			68
69	% @ Secondary Service	78.92%	79.54%	80.62%	78.83%	80.46%	79.79%	78.79%	78.15%	81.61%	79.07%	78.95%	78.63%	80.85%	81.33%	94.40%	67.42%	80.93%	79.59%	69
70	% @ Primary Service	19.76%	18.98%	18.05%	19.85%	18.17%	18.84%	19.70%	18.73%	19.01%	17.69%	19.12%	19.56%	18.49%	17.18%	3.34%	31.45%	17.68%	18.90%	70
71	% @ Transmission Service	1.32%	1.48%	1.33%	1.32%	1.37%	1.37%	1.51%	3.12%	-0.62%	3.24%	1.93%	1.81%	0.66%	1.49%	2.26%	1.13%	1.39%	1.51%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
73	Total Deliveries (MWh)																			73
74	MWh @ Secondary Service	562,047	580,518	643,112	603,932	642,241	727,457	658,973	599,790	630,522	554,005	603,164	532,318	587,170	612,895	611,486	655,667	643,609	10,448,908	74
75	MWh @ Primary Service	140,725	138,524	143,986	152,075	145,035	171,767	164,764	143,750	146,872	123,945	146,073	132,420	134,283	129,467	21,635	305,855	140,603	2,481,780	75
76	MWh @ Transmission Service	9,401	10,802	10,610	10,113	10,936	12,490	12,629	23,946	-4,790	22,701	14,745	12,254	4,793	11,229	14,639	10,989	11,054	198,539	76
77		712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	77
78																				78
79	Non-Coincident Demand (%)																			79
80	% @ Secondary Service	0.2720%	0.2749%	0.2672%	0.2663%	0.2733%	0.2672%	0.2803%	0.2789%	0.2735%	0.2698%	0.2754%	0.2771%	0.2707%	0.2815%	0.2723%	0.2619%	0.2693%	0.2723%	80
81	% @ Primary Service	0.2118%	0.2154%	0.2185%	0.2176%	0.2248%	0.2167%	0.2254%	0.2246%	0.2257%	0.2183%	0.2139%	0.2192%	0.2133%	0.2180%	0.6690%	0.1889%	0.2150%	0.2189%	81
82	% @ Transmission Service	0.2173%	0.1844%	0.1875%	0.1985%	0.1938%	0.2081%	0.2001%	0.1632%	0.1353%	0.1752%	0.1748%	0.1736%	0.2057%	0.1355%	0.2296%	0.2059%	0.2067%	0.1896%	82
83																				83
84	Non-Coincident Demand (MW)																			84
85	MW @ Secondary Service	1,528.768	1,595.845	1,718.396	1,608.270	1,755.246	1,943.766	1,847.100	1,672.815	1,724.478	1,494.705	1,661.114	1,475.054	1,589.470	1,725.301	1,665.077	1,717.193	1,733.239	28,455.835	85
86	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	86
87	Non-Coincident Demand @ Transmission Level	1,598.632	1,668.775	1,796.927	1,681.768	1,835.461	2,032.596	1,931.513	1,749.262	1,803.287	1,563.013	1,737.027	1,542.464	1,662.109	1,804.147	1,741.172	1,795.669	1,812.448	29,756.268	87

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Section 3.3.3

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.	San Diego Gas & Electric																			Line No.
FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013																				
88																				88
89	MW @ Primary Service	298.056	298.382	314.610	330.914	326.039	372.219	371.378	322.863	331.490	270.572	312.451	290.264	286.426	282.238	144.740	577.760	302.297	5,432.698	89
90	Transmission Level Adjustment Factor	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	90
91	Non-Coincident Demand @ Transmission Level	301.275	301.604	318.008	334.488	329.560	376.239	375.389	326.350	335.070	273.494	315.825	293.398	289.519	285.286	146.303	584.000	305.561	5,491.371	91
92																				92
93	MW @ Transmission Service	20.428	19.918	19.893	20.074	21.193	25.993	25.271	39.079	-6.481	39.772	25.774	21.272	9.860	15.215	33.612	22.627	22.849	376.348	93
94	Non-Coincident Demand @ Meter Level	1,847.252	1,914.145	2,052.899	1,959.258	2,102.478	2,341.978	2,243.749	2,034.756	2,049.487	1,805.049	1,999.339	1,786.590	1,885.755	2,022.753	1,843.429	2,317.580	2,058.384	34,264.882	94
95	Non-Coincident Demand @ Transmission Level	1,920.336	1,990.298	2,134.828	2,036.330	2,186.214	2,434.828	2,332.173	2,114.691	2,131.876	1,876.279	2,078.626	1,857.135	1,961.487	2,104.648	1,921.086	2,402.295	2,140.858	35,623.987	95
96																				96
97	On-Peak Demand (%)																			97
98	% @ Secondary Service	0.2193%	0.2331%	0.2496%	0.2491%	0.2570%	0.2534%	0.2464%	0.2253%	0.2206%	0.2135%	0.2206%	0.2217%	0.2188%	0.2401%	0.2551%	0.2454%	0.2527%	0.2373%	98
99	% @ Primary Service	0.1955%	0.2104%	0.2255%	0.2258%	0.2299%	0.2257%	0.2232%	0.2038%	0.2034%	0.1965%	0.1947%	0.1997%	0.1937%	0.2037%	0.6540%	0.1991%	0.2329%	0.2139%	99
100	% @ Transmission Service	0.3373%	0.3214%	0.2964%	0.4535%	0.2515%	0.3096%	0.2724%	0.2120%	0.2479%	0.3629%	0.2698%	0.2839%	0.4871%	0.3427%	0.3342%	0.4656%	0.2741%	0.3185%	100
101																				101
102	On-Peak Demand (MW)																		Total	102
103	MW @ Secondary Service	1,232.569	1,353.188	1,605.208	1,504.394	1,650.560	1,843.377	1,623.709	1,351.327	1,390.932	1,182.800	1,330.580	1,180.150	1,284.728	1,471.562	1,559.902	1,609.008	1,626.400	24,800.393	103
104	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	104
105	On-Peak Demand @ Transmission Level	1,288.897	1,415.029	1,678.566	1,573.144	1,725.991	1,927.619	1,697.912	1,413.083	1,454.498	1,236.854	1,391.387	1,234.083	1,343.441	1,538.812	1,631.189	1,682.539	1,700.726	25,933.772	105
106																				106
107	MW @ Primary Service	275.118	291.456	324.689	343.384	333.436	387.678	367.753	292.963	298.738	243.552	284.405	264.442	260.106	263.724	141.494	608.957	327.465	5,309.360	107
108	Transmission Level Adjustment Factor	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	108
109	On-Peak Demand @ Transmission Level	278.089	294.603	328.196	347.093	337.037	391.865	371.725	296.127	301.964	246.183	287.476	267.298	262.915	266.572	143.022	615.534	331.001	5,366.701	109
110																				110
111	MW @ Transmission Service	31.709	34.717	31.447	45.861	27.503	38.671	34.402	50.765	-11.875	82.382	39.782	34.788	23.348	38.480	48.925	51.167	30.300	632.369	111
112	On-Peak Demand @ Meter Level	1,539.396	1,679.361	1,961.344	1,893.639	2,011.499	2,269.725	2,025.864	1,695.054	1,677.795	1,508.734	1,654.766	1,479.380	1,568.182	1,773.766	1,750.321	2,269.131	1,984.164	30,742.122	112
113	On-Peak Demand @ Transmission Level	1,598.695	1,744.349	2,038.209	1,966.099	2,090.531	2,358.155	2,104.039	1,759.974	1,744.587	1,565.419	1,718.645	1,536.168	1,629.704	1,843.865	1,823.137	2,349.240	2,062.027	31,932.842	113
114																				114
115																				115
116	Schedule A6-TOU:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Jan-00	Total	116
117	Total Deliveries (MWh)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	117
118																				118
119	Total Deliveries (%)																			119
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	120
121	% @ Primary Service	15.78%	14.65%	21.22%	8.30%	18.40%	17.64%	8.70%	9.30%	18.43%	9.91%	12.15%	14.49%	13.35%	15.30%	12.85%	11.25%	17.23%	13.87%	121
122	% @ Transmission Service	84.22%	85.35%	78.78%	91.70%	81.60%	82.36%	91.30%	90.70%	81.57%	90.09%	87.85%	85.51%	86.65%	86.70%	87.15%	88.75%	82.77%	86.13%	122
123		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	123
124	Total Deliveries (MWh)																			124
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
126	MWh @ Primary Service	8,121	8,267	13,287	4,414	10,834	9,761	6,524	5,261	12,516	6,158	8,239	7,359	7,679	9,079	7,936	7,412	9,820	142,665	126
127	MWh @ Transmission Service	43,341	48,162	49,327	48,763	48,045	45,572	68,467	51,307	55,395	55,985	59,570	43,426	49,842	59,181	53,822	58,473	47,172	885,852	127
128		51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	128
129	Non-Coincident Demand (%)																			129
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	130
131	% @ Primary Service	0.1633%	0.1966%	0.2332%	0.1023%	0.1902%	0.2431%	0.1647%	0.2656%	0.2439%	0.2121%	0.3012%	0.2251%	0.2028%	0.2411%	0.1640%	0.1455%	0.2312%	0.2124%	131
132	% @ Transmission Service	0.1742%	0.1794%	0.1904%	0.1854%	0.1660%	0.1905%	0.1832%	0.1932%	0.1654%	0.1605%	0.1598%	0.1932%	0.1954%	0.1745%	0.1855%	0.1726%	0.1834%	0.1790%	132

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Section 3.3.3

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013

Line No.	San Diego Gas & Electric																		Line No.	
FERC Recorded Sales @ Transmission Level for the Period: September 2012 - August 2013																				
133																			133	
134	Non-Coincident Demand (MW)																		134	
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135
136	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	136
137	Non-Coincident Demand @ Transmission Level																		137	
138																				138
139	MW @ Primary Service	13.261	16.253	30.985	4.515	20.606	23.728	10.745	13.973	30.527	13.062	24.815	16.565	15.573	21.888	13.015	10.785	22.703	302.998	139
140	Transmission Level Adjustment Factor	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	140
141	Non-Coincident Demand @ Transmission Level																		141	
142																				142
143	MW @ Transmission Service	75.500	86.403	93.919	90.406	79.755	86.814	125.432	99.125	91.624	89.856	95.193	83.900	97.391	103.271	99.840	100.925	86.514	1,585.869	143
144	Non-Coincident Demand @ Meter Level																		144	
145	Non-Coincident Demand @ Transmission Level	88.761	102.656	124.904	94.921	100.361	110.542	136.178	113.098	122.151	102.918	120.008	100.464	112.964	125.160	112.855	111.709	109.217	1,888.867	144
145	Non-Coincident Demand @ Transmission Level	88.904	102.831	125.238	94.970	100.584	110.799	136.294	113.249	122.481	103.059	120.276	100.643	113.132	125.396	112.996	111.826	109.462	1,892.140	145
146																				146
147	Coincident Peak Demand (%)																		147	
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	148
149	% @ Primary Service	0.1386%	0.1557%	0.2189%	0.2461%	0.1464%	0.1465%	0.1279%	0.0915%	0.1131%	0.1810%	0.1445%	0.1084%	0.1786%	0.1267%	0.2458%	0.1896%	0.1454%	0.1582%	149
150	% @ Transmission Service	0.1357%	0.1372%	0.1551%	0.1325%	0.1388%	0.1579%	0.1553%	0.1408%	0.1206%	0.1484%	0.1191%	0.1500%	0.1305%	0.1312%	0.1331%	0.1502%	0.1413%	0.1398%	150
151																				151
152	Coincident Peak Demand (MW)																		Total	152
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	153
154	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	154
155	Coincident Peak Demand@Transmission Level																		155	
156																				156
157	MW @ Primary Service	11.255	12.872	29.085	10.862	15.861	14.299	8.345	4.814	14.156	11.147	11.905	7.977	13.715	11.503	19.506	14.053	14.278	225.631	157
158	Transmission Level Adjustment Factor	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	158
159	Coincident Peak Demand@Transmission Level																		159	
160																				160
161	MW @ Transmission Service	58.813	66.079	76.507	64.611	66.687	71.958	106.330	72.241	66.807	83.082	70.948	65.140	65.044	77.646	71.637	87.827	66.654	1,238.009	161
162	Coincident Peak Demand@Meter Level																		162	
163	Coincident Peak Demand@Transmission Level	70.069	78.950	105.591	75.473	82.548	86.257	114.674	77.054	80.963	94.229	82.853	73.117	78.758	89.148	91.144	101.880	80.932	1,463.639	162
163	Coincident Peak Demand@Transmission Level	70.190	79.089	105.905	75.590	82.719	86.412	114.764	77.106	81.116	94.349	82.982	73.203	78.906	89.273	91.354	102.032	81.086	1,466.076	163
164	Schedule S: Standby Determinants:																		164	
165	Schedule S: Standby Determinants:	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	165
166	Contracted Standby Demand (MW)																		166	
166	MW @ Secondary Service	11.518	11.518	11.517	11.609	11.191	11.131	11.131	10.012	10.274	10.274	10.274	10.274	10.274	10.274	10.274	11.02	11.02	183.585	166
167	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	167
168	Standby Demand @ Transmission Level																		168	
169																				169
170	MW @ Primary Service	85.906	85.805	91.154	92.3	94.433	94.486	94.571	94.571	94.169	94.169	94.225	94.529	94.311	95.35	95.869	100.239	100.221	1,596.308	170
171	Transmission Level Adjustment Factor	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	171
172	Standby Demand @ Transmission Level																		172	
173																				173
174	MW @ Transmission Service	60.197	61.175	61.151	60.676	60.666	60.768	60.852	60.852	61.039	61.077	61.121	61.121	60.474	61.418	61.418	61.547	61.387	1,036.939	174
175	Standby Demand@Meter Level																		175	
175	Standby Demand@Meter Level	157.621	158.498	163.822	164.585	166.29	166.385	166.554	165.435	165.482	165.52	165.62	165.924	165.059	167.042	167.561	172.806	172.628	2,816.832	175
176	Standby Demand@Transmission Level																		176	
176	Standby Demand@Transmission Level	159.075	159.951	165.333	166.112	167.821	167.914	168.084	166.914	166.969	167.007	167.107	167.414	166.547	168.541	169.066	174.392	174.214	2,842.462	176
177																				177

San Diego Gas & Electric																				Line
FERC Recorded Sales for the Period: April 2012 - August 2013																				No.
Line No.	SDG&E: System Delivery Determinants																			Line No.
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total		
1	SDG&E: System Delivery Determinants																			1
2																				2
3	Customer Class Deliveries (MWh)																			3
4	Residential	567139.22	538727.22	550023.59	591025.11	675693.95	807.894	711,736	582,046	645,768	746,458	628,204	589,248	540,363	535,692	559,862	674,895	611,032	10,555,806	4
5	Small Commercial	157417.5	158665.67	171318.85	174304.5	188038.77	208,149	189,513	167,985	169,583	168,036	165,999	160,356	161,062	167,452	172,907	192,704	185,193	2,958,685	5
6	Med. & Large Comm./Ind. (AD + PA-T-1)	18794.368	20330.816	28678.51	27401.396	27939.784	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	6
7	Med. & Large Comm./Ind. (AY + AL + DGR)	712173.08	729844.57	797708.19	766118.95	798212.06	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	7
8	Med. & Large Comm./Ind. (A6)	51461.359	56429.23	62613.906	53176.37	58879.08	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	8
9	Lighting	10954.284	10103.655	5118.722	10240.124	3265.788	7,958	7,892	8,619	10,309	6,171	9,350	6,781	7,932	10,272	5,898	7,701	5,903	134,469	9
10	Sale for Resale	0.00	2.62	1.44	-3.13	0.81	0.00	0.98	0.00	0.00	2.77	0.76	0.72	0.00	1.45	0.36	0.12	1.36	10.26	10
11	Total System	1,517,940	1,514,104	1,615,463	1,622,263	1,752,030	2,016,486	1,850,384	1,602,520	1,693,177	1,701,630	1,654,080	1,504,153	1,513,456	1,562,906	1,474,502	1,939,880	1,683,810	28,218,785	11
12																				12
13	Med. & Large Comm./Ind.																			13
14	Rate Schedule Billing Determinants																			14
15																				15
16	Schedules AD / PA-T-1:																			16
17	Total Deliveries (MWh)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	17
18																				18
19	Total Deliveries (%)																			19
20	% @ Secondary Service	87.19%	88.34%	88.46%	92.07%	90.26%	109.76%	85.23%	94.28%	84.06%	89.15%	85.01%	85.59%	92.68%	89.38%	86.69%	94.27%	85.82%	89.81%	20
21	% @ Primary Service	12.81%	11.66%	11.54%	7.93%	9.74%	-9.76%	14.77%	5.72%	15.94%	10.85%	14.99%	16.41%	7.32%	10.62%	13.31%	5.73%	14.18%	10.19%	21
22	% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22
23		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	23
24	Total Deliveries (MWh)																			24
25	MWh @ Secondary Service	16,387	17,960	25,369	25,228	25,218	27,920	25,471	18,683	22,698	16,197	15,926	16,710	18,844	24,702	22,813	24,684	25,250	370,060	25
26	MWh @ Primary Service	2,408	2,371	3,310	2,173	2,721	-2,483	4,414	1,133	4,304	1,971	2,808	3,280	1,488	2,935	3,503	1,500	4,172	42,009	26
27	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
28		18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	28
29	Non-Coincident Demand (%)																			29
30	% @ Secondary Service	0.4599%	0.3969%	0.3221%	0.3094%	0.3258%	0.3139%	0.3205%	0.3842%	0.3641%	0.4189%	0.4912%	0.4382%	0.3762%	0.3319%	0.3237%	0.3006%	0.2980%	0.3534%	30
31	% @ Primary Service	0.3623%	0.4458%	0.4117%	0.4842%	0.3303%	0.2602%	0.8445%	0.3380%	0.5123%	0.4350%	0.3449%	0.3233%	0.4940%	0.3792%	0.4373%	0.8078%	0.4538%	0.4845%	31
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	32
33																				33
34	Non-Coincident Demand (MW)																			34
35	MW @ Secondary Service	75.363	71.284	81.714	78.057	82.162	87.640	81.635	71.779	82.642	67.849	78.228	73.225	70.891	81.987	73.847	74.199	75.244	1,307,745	35
36	MW @ Primary Service	8.723	10.568	13.625	10.521	8.989	-6.460	37.277	3.831	22.050	8.575	9.686	10.606	7.352	11.130	16.018	12.120	18.932	203,542	36
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	37
38		84.086	81.852	95.339	88.578	91.150	81.180	118.912	75.610	104.692	76.424	87.913	83.830	78.244	93.117	89.865	86.319	94.176	1,511,286	38
39																				39
40																				40

San Diego Gas & Electric																				Line
FERC Recorded Sales for the Period: April 2012 - August 2013																				No.
Line No.		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	Line No.
41																				41
42	Schedules AL-TOU / AY-TOU / DG-R:																			42
43	Total Deliveries (MWh)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	43
44																				44
45	Total Deliveries (%)																			45
46	% @ Secondary Service	78.92%	79.54%	80.62%	78.83%	80.46%	79.79%	78.79%	78.15%	81.61%	79.07%	78.95%	78.63%	80.85%	81.33%	94.40%	67.42%	80.93%	79.59%	46
47	% @ Primary Service	19.76%	18.98%	18.05%	19.85%	18.17%	18.84%	19.70%	18.73%	19.01%	17.69%	19.12%	19.56%	18.49%	17.18%	3.34%	31.45%	17.68%	18.90%	47
48	% @ Transmission Service	1.32%	1.48%	1.33%	1.32%	1.37%	1.37%	1.51%	3.12%	-0.62%	3.24%	1.93%	1.81%	0.66%	1.49%	2.26%	1.13%	1.39%	1.51%	48
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	49
50	Total Deliveries (MWh)																			50
51	MWh @ Secondary Service	562,047	580,518	643,112	603,932	642,241	727,457	658,973	599,790	630,522	554,005	603,164	532,318	587,170	612,895	611,486	655,667	643,609	10,448,908	51
52	MWh @ Primary Service	140,725	138,524	143,986	152,075	145,035	171,767	164,764	143,750	146,872	123,945	146,073	132,420	134,283	129,467	21,655	305,855	140,603	2,481,780	52
53	MWh @ Transmission Service	9,401	10,802	10,610	10,113	10,936	12,490	12,629	23,946	-4,790	22,701	14,745	12,254	4,793	11,229	14,639	10,989	11,054	198,539	53
54		712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	54
55	Non-Coincident Demand (%)																			55
56	% @ Secondary Service	0.2720%	0.2749%	0.2672%	0.2663%	0.2753%	0.2672%	0.2803%	0.2789%	0.2735%	0.2698%	0.2754%	0.2771%	0.2707%	0.2815%	0.2725%	0.2619%	0.2693%	0.2723%	56
57	% @ Primary Service	0.2118%	0.2154%	0.2185%	0.2176%	0.2248%	0.2167%	0.2254%	0.2246%	0.2257%	0.2183%	0.2159%	0.2192%	0.2133%	0.2180%	0.6690%	0.1889%	0.2150%	0.2189%	57
58	% @ Transmission Service	0.2173%	0.1844%	0.1875%	0.1985%	0.1938%	0.2081%	0.2001%	0.1632%	0.1353%	0.1752%	0.1748%	0.1736%	0.2057%	0.1355%	0.2296%	0.2059%	0.2067%	0.1896%	58
59																				59
60	Non-Coincident Demand (MW)																			60
61	MW @ Secondary Service	1,528,768	1,595,845	1,718,396	1,608,270	1,755,246	1,943,766	1,847,100	1,672,815	1,724,478	1,494,705	1,661,114	1,475,054	1,589,470	1,725,301	1,665,077	1,717,193	1,733,239	28,455,835	61
62	MW @ Primary Service	298,056	298,382	314,610	330,914	326,039	372,219	371,378	322,863	331,490	270,572	312,451	290,264	286,426	282,238	144,740	577,760	302,297	5,432,698	62
63	MW @ Transmission Service	20,428	19,918	19,893	20,074	21,193	25,993	25,271	39,079	-6,481	39,772	25,774	21,272	9,860	15,215	33,612	22,627	22,849	376,348	63
64		1,847,252	1,914,145	2,052,899	1,959,258	2,102,478	2,341,978	2,243,749	2,034,756	2,049,487	1,805,049	1,999,339	1,786,590	1,885,755	2,022,753	1,843,429	2,317,580	2,058,384	34,264,882	64
65	On-Peak Demand (%)																			65
66	% @ Secondary Service	0.2193%	0.2331%	0.2496%	0.2491%	0.2570%	0.2534%	0.2464%	0.2253%	0.2206%	0.2135%	0.2206%	0.2217%	0.2188%	0.2401%	0.2551%	0.2454%	0.2527%	0.2373%	66
67	% @ Primary Service	0.1955%	0.2104%	0.2255%	0.2258%	0.2299%	0.2257%	0.2232%	0.2038%	0.2034%	0.1965%	0.1947%	0.1997%	0.1937%	0.2037%	0.6540%	0.1991%	0.2329%	0.2139%	67
68	% @ Transmission Service	0.3373%	0.3214%	0.2964%	0.4535%	0.2513%	0.3096%	0.2724%	0.2120%	0.2479%	0.3629%	0.2698%	0.2839%	0.4871%	0.3427%	0.3342%	0.4656%	0.2741%	0.3185%	68
69																				69
70	On-Peak Demand (MW)																		TOTAL	70
71	MW @ Secondary Service	1,232,569	1,353,188	1,605,208	1,504,394	1,650,560	1,843,377	1,623,709	1,351,327	1,390,932	1,182,800	1,330,580	1,180,150	1,284,728	1,471,562	1,559,902	1,609,008	1,626,400	24,800,393	71
72	MW @ Primary Service	275,118	291,456	324,689	343,384	333,436	387,678	367,753	292,963	298,738	243,552	284,405	264,442	260,106	263,724	141,494	608,957	327,465	5,309,360	72
73	MW @ Transmission Service	31,709	34,717	31,447	45,861	27,503	38,671	34,402	50,765	-11,875	82,382	39,782	34,788	23,348	38,480	48,925	51,167	30,300	632,369	73
74		1,539,396	1,679,361	1,961,344	1,893,639	2,011,499	2,269,725	2,025,864	1,695,054	1,677,795	1,508,734	1,654,766	1,479,380	1,568,182	1,773,766	1,750,321	2,269,131	1,984,164	30,742,122	74
75																				75
76																				76

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San Diego Gas & Electric																			Line		
FERC Recorded Sales for the Period: April 2012 - August 2013																			No.		
Line No.																			Line No.		
77																			77		
78	Schedule A6-TOU:																		78		
79	Total Deliveries (MWh)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	79	
80																			80		
81	Total Deliveries (%)																		81		
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	82
83	% @ Primary Service	15.78%	14.65%	21.22%	8.30%	18.40%	17.64%	8.70%	9.30%	18.43%	9.91%	12.15%	14.49%	13.35%	13.50%	12.85%	11.25%	17.23%	13.87%	83	
84	% @ Transmission Service	84.22%	85.35%	78.78%	91.70%	81.60%	82.36%	91.30%	90.70%	81.57%	90.09%	87.85%	85.51%	86.65%	86.70%	87.15%	88.75%	82.77%	86.13%	84	
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85	
86	Total Deliveries (MWh)																		86		
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87
88	MWh @ Primary Service	8,121	8,267	13,287	4,414	10,834	9,761	6,524	5,261	12,516	6,158	8,239	7,359	7,679	9,079	7,936	7,412	9,820	142,665	88	
89	MWh @ Transmission Service	43,341	48,162	49,327	48,763	48,045	45,572	68,467	51,307	55,395	55,985	59,570	43,426	49,842	59,181	53,822	58,473	47,172	885,852	89	
90		51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	90	
91	Non-Coincident Demand (%)																		91		
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	92
93	% @ Primary Service	0.1633%	0.1966%	0.2332%	0.1023%	0.1902%	0.2431%	0.1647%	0.2656%	0.2459%	0.2121%	0.3012%	0.2251%	0.2028%	0.2411%	0.1640%	0.1455%	0.2312%	0.2124%	93	
94	% @ Transmission Service	0.1742%	0.1794%	0.1904%	0.1854%	0.1660%	0.1905%	0.1832%	0.1932%	0.1654%	0.1605%	0.1598%	0.1932%	0.1954%	0.1745%	0.1855%	0.1726%	0.1834%	0.1790%	94	
95																			95		
96	Non-Coincident Demand (MW)																		96		
97	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	97
98	MW @ Primary Service	13.261	16.253	30.985	4.515	20.606	23.728	10.745	13.973	30.527	13.062	24.815	16.565	15.573	21.888	13.015	10.785	22.703	302.998	98	
99	MW @ Transmission Service	75.500	86.403	93.919	90.406	79.755	86.814	125.432	99.125	91.624	89.856	95.193	83.900	97.391	103.271	99.840	100.925	86.514	1,585.869	99	
100		88.761	102.656	124.904	94.921	100.361	110.542	136.178	113.098	122.151	102.918	120.008	100.464	112.964	125.160	112.855	111.709	109.217	1,888.867	100	
101	Coincident Peak Demand (%)																		101		
102	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	102
103	% @ Primary Service	0.1386%	0.1557%	0.2189%	0.2461%	0.1464%	0.1465%	0.1279%	0.0915%	0.1131%	0.1810%	0.1445%	0.1084%	0.1786%	0.1267%	0.2458%	0.1896%	0.1454%	0.1582%	103	
104	% @ Transmission Service	0.1357%	0.1372%	0.1551%	0.1325%	0.1388%	0.1579%	0.1553%	0.1408%	0.1206%	0.1484%	0.1191%	0.1500%	0.1305%	0.1312%	0.1331%	0.1502%	0.1413%	0.1398%	104	
105																			105		
106	Coincident Peak Demand (MW)																		106		
107	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	107
108	MW @ Primary Service	11.255	12.872	29.085	10.862	15.861	14.299	8.345	4.814	14.156	11.147	11.905	7.977	13.715	11.503	19.506	14.053	14.278	225.631	108	
109	MW @ Transmission Service	58.813	66.079	76.507	64.611	66.687	71.958	106.330	72.241	66.807	83.082	70.948	65.140	65.044	77.646	71.637	87.827	66.654	1,238.009	109	
110		70.069	78.950	105.591	75.473	82.548	86.257	114.674	77.054	80.963	94.229	82.853	73.117	78.758	89.148	91.144	101.880	80.932	1,463.639	110	
111																			111		
112	Schedule S: Standby Determinants:																		112		
113	Contracted Standby Demand (MW)																				113
114	MW @ Secondary Service	11.518	11.518	11.517	11.609	11.191	11.131	11.131	10.012	10.274	10.274	10.274	10.274	10.274	10.274	10.274	11.020	11.020	183.585	114	
115	MW @ Primary Service	85.906	85.805	91.154	92.300	94.433	94.486	94.371	94.571	94.169	94.169	94.225	94.529	94.311	95.350	95.869	100.239	100.221	1,596.308	115	
116	MW @ Transmission Service	60.197	61.175	61.151	60.676	60.666	60.768	60.852	60.852	61.039	61.077	61.121	61.121	60.474	61.418	61.418	61.547	61.387	1,036.939	116	
117		157.621	158.498	163.822	164.585	166.290	166.385	166.554	165.435	165.482	165.520	165.620	165.924	165.059	167.042	167.561	172.806	172.628	2,816.832	117	
118																			118		

San Diego Gas & Electric Company

Section 4.1.1

Summary of CAISO-WHOLESALE Interest True-Up Adjustment

Docket No. ER15-____-000

Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO3-Cycle 6 - CAISO Wholesale

Line No.	Description	(a) Apr-12	(b) May-12	(c) Jun-12	(d) Jul-12	(e) Aug-12	(f) Sep-12	(g) Oct-12	(h) Nov-12
From TO3-Cycle 6 Offer of Settlement Filing:									
1	Beginning Balance (Overcollection)/Undercollection:	\$ 6,353,481	\$ 6,370,635	\$ 6,388,425	\$ 6,405,580	\$ 6,423,515	\$ 6,441,451	\$ 5,829,066	\$ 5,266,856
2									
5	Part A1: Amortization of TU Balance:								
6	Total Recorded Sales kWhs @ <i>Transmission Level</i>	-	-	-	-	-	2,098,932,136	1,925,740,061	1,667,501,875
7									
8	Rate Per kWh @ <i>Transmission Level</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.00030	\$ 0.00030	\$ 0.00030
9									
10	Amortization of True-Up Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 629,680	\$ 577,722	\$ 500,251
11									
12	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (629,680)	\$ (577,722)	\$ (500,251)
13									
14	Part A2: Calculation of Interest on Remaining TU Balance:								
15	Interest Expense Calculations: ¹								
16	Beginning Balance for Interest Calculation	\$ 6,353,481	\$ 6,353,481	\$ 6,353,481	\$ 6,405,580	\$ 6,405,580	\$ 6,405,580	\$ 5,829,066	\$ 5,829,066
17	Monthly Activity Included in Interest Calculation Basis ²	0	0	0	0	0	0	(288,861)	(827,848)
18	Basis for Interest Expense Calculation	6,353,481	6,353,481	6,353,481	6,405,580	6,405,580	6,405,580	5,540,205	5,001,218
19	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%	0.28000%	0.27000%
20	Interest Expense	\$ 17,154	\$ 17,790	\$ 17,154	\$ 17,936	\$ 17,936	\$ 17,295	\$ 15,513	\$ 13,503
21									
22	Ending Balance (Overcollection)/Undercollection	\$ 6,370,635	\$ 6,388,425	\$ 6,405,580	\$ 6,423,515	\$ 6,441,451	\$ 5,829,066	\$ 5,266,856	\$ 4,780,109
23		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12
24	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
25	Days in Year	365	365	365	365	365	365	365	365
26	Days in Month	30	31	30	31	31	30	31	30
27	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%	0.28000%	0.27000%
28	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%	0.28000%	0.27000%
29	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%
NOTES:									
1	Beginning Balance for Interest Calculation Remains Constant for 3 Month Quarter as Interest is Compounded Quarterly on these Amounts Pursuant to FERC Interest Methodology								
2	Monthly Activity Calculated as Follows:								
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2								
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)								
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2)								
	Columns D, E, F, etc, Repeat Process as Indicated in a, b & c above								

Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO3-Cycle 6 - CAISO Wholesale

Line No.	Description	(i) Dec-12	(j) Jan-13	(k) Feb-13	(l) Mar-13	(m) Total	Reference	Line No.
	From TO3-Cycle 6 Offer of Settlement Filing;							
1	Beginning Balance (Overcollection)/Undercollection:	\$ 4,780,109	\$ 4,264,051	\$ 3,743,720	\$ 3,236,000	\$ 6,353,481	Previous Month's Ending Balance (Line 22)	1
2								2
5	Part A1: Amortization of TU Balance:							5
6	Total Recorded Sales kWhs @ <i>Transmission Level</i>	1,762,070,527	1,771,752,975	1,721,351,918	1,565,578,571	12,512,928,065	Section 4.1.2; Page 1; Line 4; Sep 2012-Mar 2013.	6
7								7
8	Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030		Section 4.1.2; Page 1-2; Line 10	8
9								9
10	Amortization of True-Up Balance	\$ 528,621	\$ 531,526	\$ 516,406	\$ 469,674	\$ 3,753,880	Line 6 x Line 8	10
11								11
12	Net Monthly Collection/(Refunds)	\$ (528,621)	\$ (531,526)	\$ (516,406)	\$ (469,674)	\$ (3,753,880)	Minus Line 10 (Columns a to l)	12
13								13
14	Part A2: Calculation of Interest on Remaining TU Balance:							14
15	Interest Expense Calculations: ¹							15
16	Beginning Balance for Interest Calculation	\$ 5,829,066	\$ 4,264,051	\$ 4,264,051	\$ 4,264,051		Balance at Beginning of Quarter (See Footnote 1)	16
17	Monthly Activity Included in Interest Calculation Basis ²	(1,342,284)	(265,763)	(789,729)	(1,282,769)		See Footnote 2	17
18	Basis for Interest Expense Calculation	4,486,782	3,998,288	3,474,322	2,981,282		Line 16 + Line 17	18
19	Monthly Interest Rate	0.28000%	0.28000%	0.25000%	0.28000%		FERC Monthly Rates (Compounded Quarterly)	19
20	Interest Expense	\$ 12,563	\$ 11,195	\$ 8,686	\$ 8,348	\$ 175,072	Line 18 x Line 19 (Columns A to L)	20
21								21
22	Ending Balance (Overcollection)/Undercollection	\$ 4,264,051	\$ 3,743,720	\$ 3,236,000	\$ 2,774,673	\$ 2,774,673	Line 1 + Line 12 + Line 20	22
23		Dec-12	Jan-13	Feb-13	Mar-13			23
24	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate - FERC Website	24
25	Days in Year	365	365	365	365	365	Number of Days Per Year	25
26	Days in Month	31	31	28	31	365	Number of Days Per Month	26
27	Monthly Interest Rate - Calculated	0.28000%	0.28000%	0.25000%	0.28000%	3.29000%	(Line 24)/(Line 25)x(Line 26)	27
28	FERC Interest Rates - Website	0.28000%	0.28000%	0.25000%	0.28000%	3.29000%	Monthly Interest Rate - FERC Website	28
29	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%		29
	NOTES:							
1	Beginning Balance for Interest Calculation Remains Constant for 3 Months Pursuant to FERC Interest Methodology							
2	Monthly Activity Calculated as Follows:							
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2							
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12							
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + Columns D, E, F, etc, Repeat Process as Indicated in a, b & c above							

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Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO3-Cycle 6 - CAISO Wholesale

Line No.	Description	(a) Apr-13	(b) May-13	(c) Jun-13	(d) Jul-13	(e) Aug-13	(f) Sep-13	(g) Oct-13	(h) Nov-13
From TO3-Cycle 6 Offer of Settlement Filing;									
1	Beginning Balance (Overcollection)/Undercollection:	\$ 2,774,673	\$ 2,309,100	\$ 1,827,058	\$ 1,370,928	\$ 768,483	\$ 0	\$ 0	\$ 0
2									
Part A1: Amortization of TU Balance:									
6	Total Recorded Sales kWhs @ <i>Transmission Level</i>	1,574,756,670	1,626,020,364	1,534,689,750	2,018,120,583	1,752,135,325	-	-	-
7									
8	Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ -	\$ -	\$ -	\$ -
9									
10	Amortization of True-Up Balance	\$ 472,427	\$ 487,806	\$ 460,407	\$ 605,436	\$ 769,549	\$ -	\$ -	\$ -
11									
12	Net Monthly Collection/(Refunds)	\$ (472,427)	\$ (487,806)	\$ (460,407)	\$ (605,436)	\$ (769,549)	\$ -	\$ -	\$ -
13									
Part A2: Calculation of Interest on Remaining TU Balance:									
Interest Expense Calculations: ¹									
16	Beginning Balance for Interest Calculation	\$ 2,774,673	\$ 2,774,673	\$ 2,774,673	\$ 1,370,928	\$ 1,370,928	\$ 1,370,928	\$ 0	\$ 0
17	Monthly Activity Included in Interest Calculation Basis ²	(236,214)	(716,330)	(1,190,437)	(302,718)	(990,210)	0	0	0
18	Basis for Interest Expense Calculation	2,538,460	2,058,343	1,584,237	1,068,210	380,717	1,370,928	0	0
19	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.00000%	0.28000%	0.27000%
20	Interest Expense	\$ 6,854	\$ 5,763	\$ 4,277	\$ 2,991	\$ 1,066	\$ -	\$ 0	\$ 0
21									
22	Ending Balance (Overcollection)/Undercollection	\$ 2,309,100	\$ 1,827,058	\$ 1,370,928	\$ 768,483	\$ 0	\$ 0	\$ 0	\$ 0
23		Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
24	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
25	Days in Year	365	365	365	365	365	365	365	365
26	Days in Month	30	31	30	31	31	30	31	30
27	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%	0.28000%	0.27000%
28	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.00000%	0.28000%	0.27000%
29	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.27000%	0.00000%	0.00000%
NOTES:									
¹ Beginning Balance for Interest Calculation Remains Constant for 3 Month Quarter as Interest is Compounded Quarterly on these Amounts Pursuant to FERC Interest Methodology									
² Monthly Activity Calculated as Follows:									
a) 1st Month of Quarter = Column A, Line 12 Divided by 2									
b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)									
c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2)									
Columns D, E, F, etc, Repeat Process as Indicated in a, b & c above									

Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO3-Cycle 6 - CAISO Wholesale

Line No.	Description	(i) Dec-13	(j) Jan-14	(k) Feb-14	(l) Mar-14	(m) Total	Reference	Line No.
From TO3-Cycle 6 Offer of Settlement Filing;								
1	Beginning Balance (Overcollection)/Undercollection:	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,774,673	Previous Month's Ending Balance (Line 22)	1
2								2
Part A1: Amortization of TU Balance:								
6	Total Recorded Sales kWhs @ Transmission Level	-	-	-	-	8,505,722,691	Section 4.1.3; Page 1; Line 34 x 1000; Apr 2013-Aug 2013.	6
7								7
8	Rate Per kWh @ Transmission Level	\$ -	\$ -	\$ -	\$ -		Section 4.1.2; Page 1-2; Line 10	8
9								9
10	Amortization of True-Up Balance	\$ -	\$ -	\$ -	\$ -	\$ 2,795,625	Line 6 x Line 8	10
11								11
12	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -	\$ (2,795,625)	Minus Line 10 (Columns a to l)	12
13								13
Part A2: Calculation of Interest on Remaining TU Balance:								
14								14
Interest Expense Calculations: ¹								
16	Beginning Balance for Interest Calculation	\$ 0	\$ 0	\$ 0	\$ 0		Balance at Beginning of Quarter (See Footnote 1)	16
17	Monthly Activity Included in Interest Calculation Basis ²	0	0	0	0		See Footnote 2	17
18	Basis for Interest Expense Calculation	0	0	0	0		Line 16 + Line 17	18
19	Monthly Interest Rate	0.28000%	0.28000%	0.25000%	0.28000%		FERC Monthly Rates (Compounded Quarterly)	19
20	Interest Expense	\$ 0	\$ 0	\$ 0	\$ 0	\$ 20,952	Line 18 x Line 19 (Columns A to L)	20
21								21
22	Ending Balance (Overcollection)/Undercollection	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Line 1 + Line 12 + Line 20	22
23		Dec-13	Jan-14	Feb-14	Mar-14			23
24	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate - FERC Website	24
25	Days in Year	365	365	365	365	365	Number of Days Per Year	25
26	Days in Month	31	31	28	31	365	Number of Days Per Month	26
27	Monthly Interest Rate - Calculated	0.28000%	0.28000%	0.25000%	0.28000%	3.29000%	(Line 24)/(Line 25)x(Line 26)	27
28	FERC Interest Rates - Website	0.28000%	0.28000%	0.25000%	0.28000%	3.02000%	Monthly Interest Rate - FERC Website	28
29	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.27000%		29
NOTES:								
¹ Beginning Balance for Interest Calculation Remains Constant for 3 Months Pursuant to FERC Interest Methodology								
² Monthly Activity Calculated as Follows:								
a) 1st Month of Quarter = Column A, Line 12 Divided by 2								
b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12								
c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 +								
Columns D, E, F, etc. Repeat Process as Indicated in a, b & c above								

San Diego Gas & Electric Company

Section 4.1.2

Derivation of CAISO-WHOLESALE Interest True-Up Adjustment Amortization Rate

Docket No. ER15-____-000

Section 4.1.2
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Amortization Rate for TO4-Cycle 2 - CAISO Wholesale

Line No.	Description	(a) Total	(b) Sep-12	(c) Oct-12	(d) Nov-12	(e) Dec-12	(f) Jan-13	(g) Feb-13	(h) Mar-13
1	Derivation of Amortization Rate for TO4-Cycle 2:								
2	Beginning Balance (Overcollection)/Undercollection	\$ 6,441,451							
3	Includes Accrued Interest from April 2012 - August 2012.								
4	Recorded Sales Sept 12-March 13 @ <i>Transmission Level</i> :	12,512,928,065	2,098,932,136	1,925,740,061	1,667,501,875	1,762,070,527	1,771,752,975	1,721,351,918	1,565,578,571
5									
6	Estimated Sales April 13-Aug 13 @ <i>Transmission Level</i> :	8,755,355,290							
7									
8	Total Sales (kWh) - <i>Transmission Level</i> :	21,268,283,355							
9									
10	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00030							
11									

Section 4.1.2
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Amortization Rate for TO4-Cycle 2 - CAISO Wholesale

Line No.	Description	(a) Total	(i) Apr-13	(j) May-13	(k) Jun-13	(l) Jul-13	(m) Aug-13	Reference	Line No.
1	Derivation of Amortization Rate for TO4-Cycle 2:								1
2	Beginning Balance (Overcollection)/Undercollection	\$ 6,441,451						Section 4.1.1; Pg. 1; Line 22	2
3	Includes Accrued Interest from April 2012 - August 2012.							TO3-Cycle 6 Filing; TU Adjustment + Interest	3
4	Recorded Sales Sept 12-March 13 @ <i>Transmission Level</i> :	12,512,928,065						Section 4.1.3; Pages 1-2; Line 28 x 1000	4
5									5
6	Estimated Sales April 13-Aug 13 @ <i>Transmission Level</i> :	8,755,355,290	1,635,630,188	1,637,428,956	1,724,228,829	1,868,121,517	1,889,945,799	Section 4.1.4; Pages 1; Line 21	6
7									7
8	Total Sales (kWh) - <i>Transmission Level</i> :	21,268,283,355						Sum Lines 4 & 6	8
9									9
10	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00030						Line 28 / Line 34	10
11									11

San Diego Gas & Electric Company

Section 4.1.3

Recorded Sales Used for the Derivation
of CAISO-WHOLESALE Interest True-
Up Adjustment.

Docket No. ER15-____-000

SECTION 4.1.3

San Diego Gas & Electric

FERC Recorded Sales Converted from Meter Level to Transmission Level

True-Up Period: April 2012 - August 2013

SDG&E: System Delivery Determinants	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 5	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total	
Customer Class Deliveries (MWh)																			
Residential	567,139	538,727	550,024	591,025	675,694	807,894	711,736	582,046	645,768	746,458	628,204	589,248	540,363	535,692	559,862	674,895	611,032	10,555,806	
Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
Residential @ Transmission Level	593,057	563,347	575,160	618,035	706,573	844,815	744,262	608,646	675,279	780,571	656,913	616,176	565,058	560,173	585,447	705,737	638,956	11,038,206	
Small Commercial	157,417	158,666	171,319	174,305	188,039	208,149	189,513	167,985	169,583	168,036	165,999	160,356	161,062	167,452	172,907	192,704	185,193	2,958,685	
Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
Small Commercial @ Transmission Level	164,611	165,917	179,148	182,270	196,632	217,662	198,174	175,662	177,333	175,715	173,586	167,684	168,422	175,105	180,809	201,510	193,657	3,093,897	
Med. & Large Comm./Ind. (AD + PA-T-1)	18,794	20,331	28,679	27,401	27,940	25,437	29,885	19,816	27,002	18,168	18,734	19,991	20,332	27,637	26,316	26,184	29,422	412,069	
Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	
Med. & Large Comm./Ind. (AD + PA-T-1) @ Trans	19,476	21,068	29,719	28,395	28,953	26,351	30,959	20,528	27,972	18,821	19,407	20,709	21,063	28,630	27,261	27,125	30,478	426,913	
Med. & Large Comm./Ind. (AL + AY + DGR)	712,173	729,845	797,708	766,119	798,212	911,715	836,366	767,486	772,604	700,651	763,982	676,991	726,246	753,591	647,761	972,512	795,266	13,129,228	
Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	
Med. & Large Comm./Ind. (AL + AY + DGR) @ Trans	738,000	756,312	826,637	793,902	827,159	944,463	866,408	795,053	800,356	725,818	791,424	701,309	752,333	780,659	671,028	1,007,444	823,832	13,602,157	
Med. & Large Comm./Ind. (A6)	51,461	56,429	62,614	53,176	58,879	55,332	74,992	56,568	67,912	62,144	67,809	50,785	57,521	68,260	61,758	65,885	56,992	1,028,517	
Transmission Level Adjustment Factor	1.03627	1.03627	1.03627	1.03627	1.03627	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	
Med. & Large Comm./Ind. (A6) @ Transmission	53,328	58,476	64,885	55,105	61,014	57,320	77,685	58,600	70,351	64,376	70,245	52,609	59,587	70,712	63,976	68,252	59,039	1,065,558	
Lighting	10,954	10,104	5,119	10,240	3,266	7,958	7,892	8,619	10,309	6,171	9,350	6,781	7,932	10,272	5,898	7,701	5,903	134,469	
Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
Lighting @ Transmission Level	11,455	10,565	5,353	10,708	3,415	8,322	8,252	9,013	10,780	6,453	9,778	7,091	8,294	10,742	6,168	8,053	6,173	140,615	
Sale for Resale	0.0	2.6	1.4	-3.1	0.8	0.0	1.0	0.0	0.0	2.8	0.8	0.7	0.0	1.5	0.4	0.1	1.4	10.3	
Total System @ Retail Level	1,517,940	1,514,104	1,615,463	1,622,263	1,752,030	2,016,486	1,850,384	1,602,520	1,693,177	1,701,630	1,654,080	1,504,153	1,513,456	1,562,906	1,474,502	1,939,880	1,683,810	28,218,785	
Total System - Ex Sale for Resale @ Trans	1,579,928	1,575,685	1,680,901	1,688,416	1,823,747	2,098,932	1,925,740	1,667,502	1,762,071	1,771,753	1,721,352	1,565,579	1,574,757	1,626,020	1,534,690	2,018,121	1,752,135	29,367,327	

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San Diego Gas & Electric Company

Section 4.1.4

Forecast Sales Used for the Derivation of
CAISO-WHOLESALE Interest True-Up
Adjustment.

Docket No. ER15-____-000

A B C D E F G H I J K L M N

SECTION 4.1.4

San Diego Gas & Electric

FERC Forecast Sales Converted from Retail Level to Transmission Level

FERC Forecast Period: September 2012 - August 2013

SDG&E: System Delivery Determinants	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6	Cycle 6
Customer Class Deliveries (MWh)	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Total
Residential	746,928	640,536	616,602	687,771	758,161	669,794	629,655	583,726	574,992	599,316	666,433	692,867	7,866,781
Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
Residential @ Transmission Level	781,063	669,809	644,780	719,202	792,809	700,403	658,430	610,402	601,269	626,705	696,889	724,531	8,226,292
Small Commercial	188,220	166,792	159,904	156,077	162,609	157,129	156,245	151,974	152,228	163,021	176,532	175,947	1,966,678
Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
Small Commercial @ Transmission Level	196,822	174,414	167,212	163,210	170,040	164,310	163,385	158,919	159,185	170,471	184,599	183,987	2,056,555
Med. & Large Comm./Ind. (AD + PA-T-1)	29,777	26,191	23,531	20,211	17,184	16,526	17,495	20,904	22,594	25,850	28,747	28,211	277,221
Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592
Med. & Large Comm./Ind. (AD + PA-T-1) @ Trans	30,847	27,132	24,376	20,937	17,801	17,120	18,124	21,655	23,405	26,779	29,779	29,224	287,178
Med. & Large Comm./Ind. (AL + AY + DGR)	893,886	794,017	779,549	764,094	767,349	749,252	758,223	748,251	756,834	801,897	856,493	851,980	9,521,826
Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592
Med. & Large Comm./Ind. (AL + AY + DGR) @ Trans	925,993	822,538	807,550	791,540	794,912	776,165	785,458	775,128	784,019	830,701	887,258	882,583	9,863,845
Med. & Large Comm./Ind. (A6)	57,357	57,374	57,391	57,407	57,424	57,441	57,458	57,474	57,491	57,508	57,525	57,541	689,392
Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592
Med. & Large Comm./Ind. (A6) @ Transmission	59,418	59,435	59,452	59,469	59,487	59,504	59,522	59,539	59,556	59,574	59,591	59,608	714,154
Lighting	9,497	9,495	9,493	9,491	9,535	9,540	9,546	9,552	9,557	9,563	9,568	9,574	114,411
Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
Lighting @ Transmission Level	9,931	9,929	9,927	9,925	9,971	9,976	9,982	9,988	9,994	10,000	10,006	10,012	119,640
Sale for Resale	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	18.5
Total System @ Retail Level	1,925,667	1,694,407	1,646,471	1,695,054	1,772,263	1,659,684	1,628,623	1,571,882	1,573,698	1,657,157	1,795,299	1,816,122	20,436,327
Total System - Ex Sale for Resale @ Trans	2,004,074	1,763,256	1,713,297	1,764,284	1,845,019	1,727,478	1,694,901	1,635,630	1,637,429	1,724,229	1,868,122	1,889,946	21,267,664

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San Diego Gas & Electric Company

Section 4.2.1

Summary of CAISO-WHOLESALE Interest True-Up Adjustment

Docket No. ER15-____-000

Section 4.2.1
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO3-Cycle 5 - CAISO Wholesale

Line No.	Description	(a) Apr-12	(b) May-12	(c) Jun-12	(d) Jul-12	(e) Aug-12	(f) Sep-12	(g) Oct-12	(h) Nov-12
1	From TO3-Cycle 5 Order on Compliance Filing;								
	Beginning Balance (Overcollection)/Undercollection:	\$ 13,668,435	\$ 11,363,890	\$ 9,060,336	\$ 6,593,539	\$ 4,109,648	\$ (0)	\$ (0)	\$ (0)
2									
5	Part A1: Amortization of TU Balance:								
6	Total Recorded Sales kWhs @ <i>Transmission Level</i>	1,579,927,534	1,575,685,376	1,680,900,742	1,688,415,548	1,823,747,000	-	-	-
7									
8	Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00148	\$ 0.00148	\$ 0.00148	\$ 0.00148	\$ -	\$ -	\$ -	\$ -
9									
10	Amortization of True-Up Balance	\$ 2,338,293	\$ 2,332,014	\$ 2,487,733	\$ 2,498,855	\$ 4,115,352	\$ -	\$ -	\$ -
11									
12	Net Monthly Collection/(Refunds)	\$ (2,338,293)	\$ (2,332,014)	\$ (2,487,733)	\$ (2,498,855)	\$ (4,115,352)	\$ -	\$ -	\$ -
13									
14	Part A2: Calculation of Interest on Remaining TU Balance:								
15	Interest Expense Calculations: ¹								
16	Beginning Balance for Interest Calculation	\$ 13,668,435	\$ 13,668,435	\$ 13,668,435	\$ 6,593,539	\$ 6,593,539	\$ 6,593,539	\$ (0)	\$ (0)
17	Monthly Activity Included in Interest Calculation Basis ²	(1,169,147)	(3,504,300)	(5,914,174)	(1,249,428)	(4,556,531)	0	0	0
18	Basis for Interest Expense Calculation	12,499,289	10,164,135	7,754,262	5,344,112	2,037,008	6,593,539	(0)	(0)
19	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.00000%	0.28000%	0.27000%
20	Interest Expense	\$ 33,748	\$ 28,460	\$ 20,937	\$ 14,964	\$ 5,704	\$ -	\$ (0)	\$ (0)
21									
22	Ending Balance (Overcollection)/Undercollection	\$ 11,363,890	\$ 9,060,336	\$ 6,593,539	\$ 4,109,648	\$ (0)	\$ (0)	\$ (0)	\$ (0)
23		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12
24	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
25	Days in Year	365	365	365	365	365	365	365	365
26	Days in Month	30	31	30	31	31	30	31	30
27	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%	0.28000%	0.27000%
28	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.00000%	0.28000%	0.27000%
29	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.27000%	0.00000%	0.00000%
	NOTES:								
1	Beginning Balance for Interest Calculation Remains Constant for 3 Month Quarter as Interest is Compounded Quarterly on these Amounts Pursuant to FERC Interest Methodology								
2	Monthly Activity Calculated as Follows:								
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2								
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)								
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2)								
	Columns D, E, F, etc, Repeat Process as Indicated in a, b & c above								

Section 4.2.1
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO3-Cycle 5 - CAISO Wholesale

Line No.	Description	(i) Dec-12	(j) Jan-13	(k) Feb-13	(l) Mar-13	(m) Total	Reference	Line No.
From TO3-Cycle 5 Order on Compliance Filing:								
1	Beginning Balance (Overcollection)/Undercollection:	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 13,668,435	Previous Month's Ending Balance (Line 22)	1
2								2
Part A1: Amortization of TU Balance:								
5								5
6	Total Recorded Sales kWhs @ <i>Transmission Level</i>	-	-	-	-	8,348,676,201	Section 4.1.3; Page 1; Line 34; Apr 2012-Aug 2012.	6
7								7
8	Rate Per kWh @ <i>Transmission Level</i>	\$ -	\$ -	\$ -	\$ -		Section 4.2.2; Page 31; Line 10	8
9								9
10	Amortization of True-Up Balance	\$ -	\$ -	\$ -	\$ -	\$ 13,772,247	Line 6 x Line 8	10
11								11
12	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -	\$ (13,772,247)	Minus Line 10 (Columns a to l)	12
13								13
Part A2: Calculation of Interest on Remaining TU Balance:								
14								14
15	Interest Expense Calculations: ¹							15
16	Beginning Balance for Interest Calculation	\$ (0)	\$ (0)	\$ (0)	\$ (0)		Balance at Beginning of Quarter (See Footnote 1)	16
17	Monthly Activity Included in Interest Calculation Basis ²	0	0	0	0		See Footnote 2	17
18	Basis for Interest Expense Calculation	(0)	(0)	(0)	(0)		Line 16 + Line 17	18
19	Monthly Interest Rate	0.28000%	0.28000%	0.25000%	0.28000%		FERC Monthly Rates (Compounded Quarterly)	19
20	Interest Expense	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 103,811	Line 18 x Line 19 (Columns A to L)	20
21								21
22	Ending Balance (Overcollection)/Undercollection	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	Line 1 + Line 12 + Line 20	22
23		Dec-12	Jan-13	Feb-13	Mar-13			23
24	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate - FERC Website	24
25	Days in Year	365	365	365	365	365	Number of Days Per Year	25
26	Days in Month	31	31	28	31	365	Number of Days Per Month	26
27	Monthly Interest Rate - Calculated	0.28000%	0.28000%	0.25000%	0.28000%	3.29000%	(Line 24)/(Line 25)x(Line 26)	27
28	FERC Interest Rates - Website	0.28000%	0.28000%	0.25000%	0.28000%	3.02000%	Monthly Interest Rate - FERC Website	28
29	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.27000%		29
NOTES:								
1	Beginning Balance for Interest Calculation Remains Constant for 3 M Amounts Pursuant to FERC Interest Methodology							
2	Monthly Activity Calculated as Follows: a) 1st Month of Quarter = Column A, Line 12 Divided by 2 b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + Columns D, E, F, etc, Repeat Process as Indicated in a, b & c above							

San Diego Gas & Electric Company

Section 4.2.2

Derivation of CAISO-WHOLESALE Interest True-Up Adjustment Amortization Rate

Docket No. ER15-____-000

Section 4.2.2
 San Diego Gas and Electric Company
 TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
 Derivation of Amortization Rate for TO3-Cycle 5 - CAISO Wholesale

Line No.	Description	(a) Total	(b) Sep-11	(c) Oct-11	(d) Nov-11	(e) Dec-11	(f) Jan-12	(g) Feb-12	(h) Mar-12
1	Derivation of Amortization Rate for TO3-Cycle 5:								
2	Beginning Balance (Overcollection)/Undercollection	\$ 31,060,569							
3	Includes Accrued Interest from April 2011 - August 2011.								
4	Recorded Sales Sept 11-March 12 @ <i>Transmission Level</i> :	12,041,224,618	1,936,955,100	1,697,732,830	1,627,180,098	1,739,317,463	1,704,712,912	1,579,027,286	1,756,298,929
5									
6	Estimated Sales April 12-Aug 12 @ <i>Transmission Level</i> :	8,923,203,918							
7									
8	Total Sales (kWh) - <i>Transmission Level</i> :	20,964,428,536							
9									
10	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00148							
11									

000231

Section 4.2.2
San Diego Gas and Electric Company
TO4-Cycle 2 Annual Transmission Formulaic Rate Filing
Derivation of Amortization Rate for TO3-Cycle 5 - CAISO Wholesale

Line No.	Description	(a) Total	(i) Apr-12	(j) May-12	(k) Jun-12	(l) Jul-12	(m) Aug-12	Reference	Line No.
1	Derivation of Amortization Rate for TO3-Cycle 5:							TO3-Cycle 5 Filing	1
2	Beginning Balance (Overcollection)/Undercollection	\$ 31,060,569						Vol. 2B; Section 3.1B; Pg. 1; Line 22	2
3	Includes Accrued Interest from April 2011 - August 2011.							TO3-Cycle 5 Filing	3
4	Recorded Sales Sept 11-March 12 @ <i>Transmission Level</i> :	12,041,224,618						Vol. 2B; Sect. 3.3.3; Pg. 12.1; Line 28 x 1000	4
5								TO3-Cycle 5 Filing	5
6	Estimated Sales April 12-Aug 12 @ <i>Transmission Level</i> :	8,923,203,918	1,646,085,544	1,652,472,390	1,745,750,928	1,916,985,811	1,961,909,245	Vo. 2B; Section 3.2.2; Page 16.1; Line 21.	6
7									7
8	Total Sales (kWh) - <i>Transmission Level</i> :	20,964,428,536						Sum Lines 4 & 6	8
9									9
10	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00148						Line 28 / Line 34	10
11									11

000232

San Diego Gas & Electric Company

Section 4.3.1

Derivation of Interest Expense on TO3
Cycle 5 and Cycle 6 CAISO-
WHOLESALE Interest True-Up
Adjustment.

Docket No. ER15-____-000

**Section 4.3.1
San Diego Gas Electric Co.**

TO4 - Cycle 2 Interest Calculation on TO3 Cycle 5 and Cycle 6 Interest True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 5 Apr-12	Cycle - 5 May-12	Cycle - 5 Jun-12	Cycle - 5 Jul-12	Cycle - 5 Aug-12	Cycle - 6 Sep-12
1	Beginning Balance (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 103,956
2							
3		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Interest True-Up Adjustment Amounts (Cycles 5 and 6).	\$ -	\$ -	\$ -	\$ -	\$ 103,811	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ 103,811	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	51,906	103,811
33	Basis for Interest Expense Calculation	0	0	0	0	51,906	103,811
34	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
35	Interest Expense	\$ -	\$ -	\$ -	\$ -	\$ 145	\$ 280
36							
37	Ending Balance (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ 103,956	\$ 104,237
38							
39		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	30	31	30	31	31	30
43	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
44	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000234

Section 4.3.1

San Diego Gas Electric Co.

TO4 - Cycle 2 Interest Calculation on TO3 Cycle 5 and Cycle 6 Interest True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Oct-12	Cycle - 6 Nov-12	Cycle - 6 Dec-12	Cycle - 6 Jan-13	Cycle - 6 Feb-13	Cycle - 6 Mar-13
1	Beginning Balance (Overcollection)/Undercollection	\$ 104,237	\$ 104,528	\$ 104,810	\$ 105,102	\$ 105,396	\$ 105,659
2							
3		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Interest True-Up Adjustment Amounts (Cycles 5 and 6).	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 104,237	\$ 104,237	\$ 104,237	\$ 105,102	\$ 105,102	\$ 105,102
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	0	0
33	Basis for Interest Expense Calculation	104,237	104,237	104,237	105,102	105,102	105,102
34	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
35	Interest Expense	\$ 292	\$ 281	\$ 292	\$ 294	\$ 263	\$ 294
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 104,528	\$ 104,810	\$ 105,102	\$ 105,396	\$ 105,659	\$ 105,953
38							
39		Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	31	30	31	31	28	31
43	Monthly Interest Rate - Calculated	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
44	FERC Interest Rates - Website	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000235

**Section 4.3.1
San Diego Gas Electric Co.**

TO4 - Cycle 2 Interest Calculation on TO3 Cycle 5 and Cycle 6 Interest True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Apr-13	Cycle - 6 May-13	Cycle - 6 Jun-13	Cycle - 6 Jul-13	Cycle - 6 Aug-13	Cycle - 6 Sep-13
1	Beginning Balance (Overcollection)/Undercollection	\$ 105,953	\$ 106,239	\$ 106,536	\$ 106,822	\$ 107,121	\$ 107,420
2							
3		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Interest True-Up Adjustment Amounts (Cycles 5 and 6).	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,024
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,024
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 105,953	\$ 105,953	\$ 105,953	\$ 106,822	\$ 106,822	\$ 106,822
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	0	98,012
33	Basis for Interest Expense Calculation	105,953	105,953	105,953	106,822	106,822	204,834
34	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
35	Interest Expense	\$ 286	\$ 297	\$ 286	\$ 299	\$ 299	\$ 553
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 106,239	\$ 106,536	\$ 106,822	\$ 107,121	\$ 107,420	\$ 303,997
38							
39		Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	30	31	30	31	31	30
43	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
44	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000236

Section 4.3.1

San Diego Gas Electric Co.

TO4 - Cycle 2 Interest Calculation on TO3 Cycle 5 and Cycle 6 Interest True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Oct-13	Cycle - 6 Nov-13	Cycle - 6 Dec-13	Cycle - 6 Jan-14	Cycle - 6 Feb-14	Cycle - 6 Mar-14
1	Beginning Balance (Overcollection)/Undercollection	\$ 303,997	\$ 304,848	\$ 305,669	\$ 306,520	\$ 307,379	\$ 308,145
2							
3		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Interest True-Up Adjustment Amounts (Cycles 5 and 6).	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 303,997	\$ 303,997	\$ 303,997	\$ 306,520	\$ 306,520	\$ 306,520
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	0	0
33	Basis for Interest Expense Calculation	303,997	303,997	303,997	306,520	306,520	306,520
34	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
35	Interest Expense	\$ 851	\$ 821	\$ 851	\$ 858	\$ 766	\$ 858
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 304,848	\$ 305,669	\$ 306,520	\$ 307,379	\$ 308,145	\$ 309,003
38							
39		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	31	30	31	31	28	31
43	Monthly Interest Rate - Calculated	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
44	FERC Interest Rates - Website	0.28000%	0.27000%	0.28000%	0.28000%	0.25000%	0.28000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000237

Section 4.3.1

San Diego Gas Electric Co.

TO4 - Cycle 2 Interest Calculation on TO3 Cycle 5 and Cycle 6 Interest True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Apr-14	Cycle - 6 May-14	Cycle - 6 Jun-14	Cycle - 6 Jul-14	Cycle - 6 Aug-14	Cycle - 6 Sep-14
1	Beginning Balance (Overcollection)/Undercollection	\$ 309,003	\$ 309,837	\$ 310,703	\$ 311,537	\$ 312,409	\$ 313,282
2							
3		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23							
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25							
26	Interest True-Up Adjustment Amounts (Cycles 5 and 6).	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27							
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29							
30	Interest Expense Calculations:						
31	Beginning Balance for Interest Calculation	\$ 309,003	\$ 309,003	\$ 309,003	\$ 311,537	\$ 311,537	\$ 311,537
32	Monthly Activity Included in Interest Calculation Basis	0	0	0	0	0	0
33	Basis for Interest Expense Calculation	309,003	309,003	309,003	311,537	311,537	311,537
34	Monthly Interest Rate	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
35	Interest Expense	\$ 834	\$ 865	\$ 834	\$ 872	\$ 872	\$ 841
36							
37	Ending Balance (Overcollection)/Undercollection	\$ 309,837	\$ 310,703	\$ 311,537	\$ 312,409	\$ 313,282	\$ 314,123
38							
39		Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14
40	FERC INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
41	Days in Year	365	365	365	365	365	365
42	Days in Month	30	31	30	31	31	30
43	Monthly Interest Rate - Calculated	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
44	FERC Interest Rates - Website	0.27000%	0.28000%	0.27000%	0.28000%	0.28000%	0.27000%
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%	0.00000%

000238

**Section 4.3.1
San Diego Gas Electric Co.**

TO4 - Cycle 2 Interest Calculation on TO3 Cycle 5 and Cycle 6 Interest True-Up Adjustment Calculation

Line No.	TO3-Formula Cycle Transmission Rates in Effect Description	Cycle - 6 Oct-14	Cycle - 6 Nov-14	Cycle - 6 Dec-14	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ 314,123	\$ 315,002	\$ 315,850	\$ -	Previous Month's Balance	1
2							2
3		\$ -	\$ -	\$ -	\$ -		3
4							4
5							5
6							6
7							7
8							8
9							9
10							10
11							11
12							12
13							13
14							14
15							15
16							16
17							17
18							18
19							19
20							20
21							21
22	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	Sum Lines (6 thru 21)	22
23							23
24	Adjusted Total Recorded Retail Revenues @ Transmission Level	\$ -	\$ -	\$ -	\$ -	Sum Lines 3 & 22	24
25							25
26	Interest True-Up Adjustment Amounts (Cycles 5 and 6).	\$ -	\$ -	\$ -	\$ 299,835	Section 4.2.1; Page 2; Line 20; Col. (m)	26
27						Section 4.1.1; Page 2A and 2B; Line 20; Col. (m)	27
28	Net Monthly (Overcollection)/Undercollection	\$ -	\$ -	\$ -	\$ 299,835	Line 26 Minus Line 24	28
29							29
30	Interest Expense Calculations:						30
31	Beginning Balance for Interest Calculation	\$ 314,123	\$ 314,123	\$ 314,123		Beginning Quarterly Balances	31
32	Monthly Activity Included in Interest Calculation Basis	0	0	0		Interest Calculation Basis	32
33	Basis for Interest Expense Calculation	314,123	314,123	314,123		Sum Lines 31 & 32	33
34	Monthly Interest Rate	0.28000%	0.27000%	0.28000%		FERC Monthly Rates	34
35	Interest Expense	\$ 880	\$ 848	\$ 880	\$ 16,895	Line 33 x Line 34	35
36							36
37	Ending Balance (Overcollection)/Undercollection	\$ 315,002	\$ 315,850	\$ 316,730	\$ 316,730	Sum Lines 1; 26; & 33	37
38							38
39		Oct-14	Nov-14	Dec-14			39
40	FERC INTEREST RATE	3.25%	3.25%	3.25%		Annual Interest Rate - FERC Website	40
41	Days in Year	365	365	365	365	Number of Days Per Year	41
42	Days in Month	31	30	31	365	Number of Days Per Month	42
43	Monthly Interest Rate - Calculated	0.28000%	0.27000%	0.28000%	4.67000%	(Line 40)/(Line 419)x(Line 42)	43
44	FERC Interest Rates - Website	0.28000%	0.27000%	0.28000%	4.67000%	Monthly Interest Rate - FERC Website	44
45	Difference	0.00000%	0.00000%	0.00000%	0.00000%		45

000239

San Diego Gas & Electric Company

Section 4.4.1

Summary of True-Up Adjustment and Interest True-Up Adjustment.

Docket No. ER15-____-000

	A	B	C	D
1	Section 4.4.1			
2	San Diego Gas & Electric Company			
3	Summary of Wholesale True-Up Adjustment and Interest True-Up Adjustment			
4				
5				
6	Description	Amounts		Reference
7				
8	Total True-Up Adjustment (April 2012 - December 2014):	\$ 75,603,174		Section 3.1.1; Page 6; Line 37.
9				
10	Total True-Up Adjustment (April 2012 - August 2013):	\$ 72,369,582		Section 3.1.1; Page 3; Line 37.
11				
12	Interest True-Up Adjustment (September 2013 - December 2014) Applicable to Final True-Up Adjustment:	\$ 3,233,592		Line 8 Minus Line 10.
13				
14	Other Interest True-Up Adjustment:			
15				
16	Interest True-Up Adjustment Applicable to TO3-C6 (April 2012 - March 2013)	\$ 175,072		Section 4.1.1; Line 20; Col. (m); Page 2A.
17				
18	Interest True-Up Adjustment Applicable to TO3-C6 (April 2013 - August 2013)	\$ 20,952		Section 4.1.1; Line 20; Col. (m); Page 2B.
19				
20	Interest True-Up Adjustment Applicable to TO3-C5 (April 2012 - August 2012)	\$ 103,811		Section 4.2.1; Line 20; Col. (m); Page 2.
21				
22	Sub-Total	\$ 299,835		Sum Lines 16 thru 20.
23				
24	Interest True-Up Adjustment Applicable to the Sub-Total Above thru the End of December 2014.	\$ 16,895		Section 4.3.1; Line 35; Page 6.
25				
26	Interest True-Up Adjustment Total	\$ 3,550,322		Sum Lines 12; 22; and 24.
27				
28				
29	Check Figures: Total True-Up Adjustment + Interest True-Up Adjustment	\$ 75,919,904		Sum Lines 8; 22; and 24.
30				
31	Total True-Up Adjustment 17-Months (April 2012 - August 2013)	\$ 72,369,582		See Line 10 Above.
32				
33	Total Interest True-Up Adjustment	\$ 3,550,322		Sum Lines 12; 16; 18; 20; and 24.
34				
35	Grand Total	\$ 75,919,904		Sum Lines 31 and 33.
36				
37	Difference S/B = 0	\$ -		Line 29 - Line 35.

000241