

San Diego Gas & Electric Company
2013 TACBAA Rate Filing

Attachment - D
Transmission Access Charge Balancing
Account Adjustment (TACBAA)
Cost Statements

ER13-_____-000

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San Diego Gas & Electric Company

Attachment – D (Cont'd)

A. Statement BD - Allocation Energy and Supporting Data

ER13-_____-000

Statement BD
San Diego Gas & Electric Company
2013 - TACBAA Rate Filing
Allocation Energy and Supporting Data

Line No.	Date	(A) Total kWh Sales @ Meter Level	(B) City of Escondido ¹	(C) = (A) - (B) Net kWh Sales @ Meter Level	Reference	Line No.
1	Oct-11	1,631,383,870	2,352	1,631,381,518	Workpaper No. 4; Page 1; Lines 26; 25	1
2	Nov-11	1,563,419,204	-	1,563,419,204	Workpaper No. 4; Page 1; Lines 26; 25	2
3	Dec-11	1,670,852,042	-	1,670,852,042	Workpaper No. 4; Page 1; Lines 26; 25	3
4	Jan-12	1,636,911,391	1,184	1,636,910,207	Workpaper No. 4; Page 1; Lines 26; 25	4
5	Feb-12	1,516,623,163	611	1,516,622,552	Workpaper No. 4; Page 1; Lines 26; 25	5
6	Mar-12	1,687,796,399	-	1,687,796,399	Workpaper No. 4; Page 1; Lines 26; 25	6
7	Apr-12	1,517,939,799	-	1,517,939,799	Workpaper No. 4; Page 1; Lines 26; 25	7
8	May-12	1,514,103,780	2,615	1,514,101,165	Workpaper No. 4; Page 1; Lines 26; 25	8
9	Jun-12	1,615,463,206	1,444	1,615,461,762	Workpaper No. 4; Page 1; Lines 26; 25	9
10	Jul-12	1,622,263,316	(3,132)	1,622,266,448	Workpaper No. 4; Page 1; Lines 26; 25	10
11	Aug-12	1,752,030,242	813	1,752,029,429	Workpaper No. 4; Page 1; Lines 26; 25	11
12	Sep-12	2,016,485,842	-	2,016,485,842	Workpaper No. 4; Page 1; Lines 26; 25	12
13						13
14						14
15	Total	19,745,272,254	5,887	19,745,266,367	Sum Lines 1 thru 12	15

Notes:

¹ Escondido Mutual sales are excluded from the kWh total because they are classified as sales to wholesale customers.

Statement BD
San Diego Gas & Electric Company
2013 - TACBAA Rate Filing
Allocation Energy and Supporting Data

Line No.	Date	(A) Total kWh Sales @ Meter Level	(B) City of Escondido ¹	(C) = (A) - (B) Net kWh Sales @ Meter Level	Reference	Line No.
1	Jan-13	1,777,457,982	1,931	1,777,456,050	Workpaper No. 4; Page 2; Lines 26; 25	1
2	Feb-13	1,653,423,025	1,931	1,653,421,094	Workpaper No. 4; Page 2; Lines 26; 25	2
3	Mar-13	1,625,629,320	1,931	1,625,627,389	Workpaper No. 4; Page 2; Lines 26; 25	3
4	Apr-13	1,564,052,379	1,931	1,564,050,448	Workpaper No. 4; Page 2; Lines 26; 25	4
5	May-13	1,566,252,126	1,931	1,566,250,195	Workpaper No. 4; Page 2; Lines 26; 25	5
6	Jun-13	1,654,788,146	1,931	1,654,786,215	Workpaper No. 4; Page 2; Lines 26; 25	6
7	Jul-13	1,766,098,600	1,931	1,766,096,668	Workpaper No. 4; Page 2; Lines 26; 25	7
8	Aug-13	1,791,695,759	1,931	1,791,693,828	Workpaper No. 4; Page 2; Lines 26; 25	8
9	Sep-13	1,957,226,854	1,931	1,957,224,923	Workpaper No. 4; Page 2; Lines 26; 25	9
10	Oct-13	1,729,015,531	1,931	1,729,013,600	Workpaper No. 4; Page 2; Lines 26; 25	10
11	Nov-13	1,694,036,559	1,931	1,694,034,628	Workpaper No. 4; Page 2; Lines 26; 25	11
12	Dec-13	1,728,241,611	1,931	1,728,239,680	Workpaper No. 4; Page 2; Lines 26; 25	12
13						13
14						14
15	Total	20,507,917,893	23,175	20,507,894,718	Sum Lines 1 thru 12	15

Notes:

- ^a Escondido Mutual sales are excluded from the kWh total because they are classified as sales to wholesale customers not retail. Forecast sales are included to develop Statements BG and BH, Revenues at Proposed and Revenues at Present Rates.

San Diego Gas & Electric Company

Attachment D – (Cont'd)

B. Statement BG - Revenue Data to Reflect Changed Rates

ER13-____-000

Statement BG
SAN DIEGO GAS & ELECTRIC COMPANY
 Comparison of Transmission Access Charge Balancing Account (TACBA) Revenues During Rate Effective Period @ Forecast Billing Determinants
 For Rate Effective Period Twelve Months Ending December 31, 2013
 (\$000)

Line No.	Customer Classes	(a)	(b)	(c) = (a) - (b)		(d) = (c)/(b)	Reference	Line No.
		(Statement BG) 2013 TACBA Revenues @ Proposed Rates	(Statement BH) 2013 TACBA Revenues @ Present Rates	(\$ Change)		(%) Increase/(Decrease)		
1	Residential Customers	\$ (94,261,672)	\$ (94,340,748)	\$ 79,076		0.08%	Statement BG; Page 2 of 4; Line 1	1
2							Statement BH; Page 1 of 3; Line 1	2
3	Small Commercial Customers	\$ (24,708,366)	\$ (24,729,093)	20,727		0.08%	Statement BG; Page 2 of 4; Line 3	3
4							Statement BH; Page 1 of 3; Line 3	4
5	Medium-Large Commercial Customers	\$ (124,116,163)	\$ (124,220,288)	104,125		0.08%	Statement BG; Page 2 of 4; Line 5	5
6							Statement BH; Page 1 of 3; Line 5	6
7	Street Lighting Customers	\$ (1,367,905)	\$ (1,369,053)	1,148		0.08%	Statement BG; Page 2 of 4; Line 7	7
8							Statement BH; Page 1 of 3; Line 7	8
9	Grand Total	\$ (244,454,106)	\$ (244,659,182)	\$ 205,076		0.08%	Sum Lines 1 through 7	9

Statement BG
 SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Access Charge Balancing Account (TACBA) Revenue Data To Reflect Changed Rates
 Rate Effective Period - Twelve Months Ending December 31, 2013

Line No.	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
		Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total
1	Residential Customers ¹	\$ (9,031,735)	\$ (7,944,306)	\$ (7,488,791)	\$ (6,957,486)	\$ (6,813,133)	\$ (7,113,453)	\$ (7,915,553)	\$ (8,231,014)	\$ (9,055,756)	\$ (7,786,578)	\$ (7,512,478)	\$ (8,411,389)	\$ (94,261,672)
2		(2,042,754)	(1,966,774)	(1,960,654)	(1,910,911)	(1,906,526)	(2,042,121)	(2,213,143)	(2,208,201)	(2,357,241)	(2,096,928)	(2,019,983)	(1,983,130)	(24,708,366)
3	Small Commercial ²	(9,999,018)	(9,683,889)	(9,814,183)	(9,661,194)	(9,836,112)	(10,455,506)	(10,809,165)	(10,803,723)	(11,803,030)	(10,612,202)	(10,546,258)	(10,091,883)	(124,116,163)
4	Medium-Large Commercial ³	(113,770)	(113,810)	(113,850)	(113,891)	(113,931)	(113,972)	(114,012)	(114,053)	(114,093)	(114,134)	(114,174)	(114,215)	(1,367,905)
5	Street Lighting ⁴													
6														
7														
8														
9	GRAND TOTAL	\$ (21,187,277)	\$ (19,708,779)	\$ (19,377,478)	\$ (18,643,482)	\$ (18,669,702)	\$ (19,725,052)	\$ (21,051,873)	\$ (21,356,991)	\$ (23,330,120)	\$ (20,609,842)	\$ (20,192,893)	\$ (20,600,617)	\$ (244,454,106)

Notes:

- 1 See pages 3 of 4 and 4 of 4 for detailed calculation of Residential Customer revenues that reflect that changed rates.
- 2 See pages 3 of 4 and 4 of 4 for detailed calculation of Small Commercial Customer revenues that reflect that changed rates.
- 3 See pages 3 of 4 and 4 of 4 for detailed calculation of Medium and Large Commercial Customer revenues that reflect that changed rates.
- 4 See pages 3 of 4 and 4 of 4 for detailed calculation of Street Lighting Customer revenues that reflect that changed rates.

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Statement BG
 SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Access Charge Balancing Account (TACBA) Revenue Data To Reflect Changed Rates
 Twelve Months Ending December 31, 2013

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	(G) Reference	Line No.
		Jan-13 Energy (kWh)	Feb-13 Energy (kWh)	Mar-13 Energy (kWh)	Apr-13 Energy (kWh)	May-13 Energy (kWh)	Jun-13 Energy (kWh)		
1	Residential Customers	757,695,870	666,468,602	628,254,242	583,681,698	571,571,550	596,766,162	Work Paper No. 4; Page 2; Line 3 x 1,000	1
2		171,371,991	164,997,837	164,484,417	160,311,296	159,943,423	171,318,890		2
3	Small Commercial	838,843,764	812,406,835	823,337,517	810,502,846	825,177,219	877,139,764	Work Paper No. 4; Page 2; Line 4 x 1,000	3
4		9,544,425	9,547,819	9,551,214	9,554,608	9,558,003	9,561,398		4
5	Medium-Large Commercial	1,777,456,050	1,653,421,094	1,625,627,389	1,564,050,448	1,566,250,195	1,654,786,215	Work Paper No. 4; Page 2; Line 5 x 1,000	5
6									6
7	Street Lighting							Work Paper No. 4; Page 2; Line 6 x 1,000	7
8	TOTAL							Sum Lines 1 - 7	8
9									9
10									10
11									11
12									12
13									13
14	Residential Customers							Statement BL; Page 1; Line 15	14
15									15
16	Small Commercial							Statement BL; Page 1; Line 15	16
17									17
18	Medium-Large Commercial							Statement BL; Page 1; Line 15	18
19									19
20	Street Lighting							Statement BL; Page 1; Line 15	20
21									21
22									22
23									23
24									24
25	Residential Customers							Line 1 x Line 15	25
26									26
27	Small Commercial							Line 3 x Line 17	27
28									28
29	Medium-Large Commercial							Line 5 x Line 19	29
30									30
31	Street Lighting							Line 7 x Line 21	31
32									32
33	TOTAL							Sum Lines 26 through 32	33
34									34

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Statement BG
 SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Access Charge Balancing Account (TACBA) Revenue Data To Reflect Changed Rates
 Twelve Months Ending December 31, 2013

Line No.	Customer Classes	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
		Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference
		Energy (kWh)							
1	Residential Customers	664,056,420	690,521,284	759,711,083	653,236,406	630,241,434	705,653,461	7,907,858,211	Work Paper No. 4; Page 2; Line 3 x 1,000
2									
3	Small Commercial	185,666,321	185,251,765	197,755,145	175,916,803	169,461,631	166,369,931	2,072,849,450	Work Paper No. 4; Page 2; Line 4 x 1,000
4									
5	Medium-Large Commercial	906,809,132	906,352,588	990,187,106	890,285,404	884,753,178	846,634,503	10,412,429,856	Work Paper No. 4; Page 2; Line 5 x 1,000
6									
7	Street Lighting	9,564,795	9,568,192	9,571,589	9,574,987	9,578,385	9,581,784	114,757,202	Work Paper No. 4; Page 2; Line 6 x 1,000
8									
9	TOTAL	1,766,096,668	1,791,693,828	1,957,224,923	1,729,013,600	1,694,034,628	1,728,239,680	20,507,894,718	Sum Lines 1 - 7
10									
11									
12									
13		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)		
14	Residential Customers	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)		Statement BL; Page 1; Line 27
15									
16	Small Commercial	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)		Statement BL; Page 1; Line 27
17									
18	Medium-Large Commercial	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)		Statement BL; Page 1; Line 27
19									
20	Street Lighting	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)	\$ (0.01192)		Statement BL; Page 1; Line 27
21									
22									
23		Revenues @							
24		Changed Rates							
25	Residential Customers	\$ (7,915,553)	\$ (8,231,014)	\$ (9,055,756)	\$ (7,786,578)	\$ (7,512,478)	\$ (8,411,389)	(94,261,672)	Line 1 x Line 15
26									
27	Small Commercial	\$ (2,213,143)	\$ (2,208,201)	\$ (2,357,241)	\$ (2,096,928)	\$ (2,019,983)	\$ (1,983,130)	(24,708,366)	Line 3 x Line 17
28									
29	Medium-Large Commercial	\$ (10,809,165)	\$ (10,803,723)	\$ (11,803,030)	\$ (10,612,202)	\$ (10,546,258)	\$ (10,091,883)	(124,116,163)	Line 5 x Line 19
30									
31	Street Lighting	\$ (114,012)	\$ (114,053)	\$ (114,093)	\$ (114,134)	\$ (114,174)	\$ (114,215)	(1,367,905)	Line 7 x Line 21
32									
33	TOTAL	\$ (21,051,873)	\$ (21,356,991)	\$ (23,330,120)	\$ (20,609,842)	\$ (20,192,893)	\$ (20,600,617)	\$ (244,454,106)	Sum Lines 26 through 32
34									

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San Diego Gas & Electric Company

Attachment D – (Cont'd)

C. Statement BH - Revenue Data to Reflect Present Rates

ER13-____-000

Statement BH
SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Access Charge Balancing Account (TACBA) Revenue Data To Reflect Present Rates
 Rate Effective Period - Twelve Months Ending December 31, 2013

Line No.	(A) Jan-13	(B) Feb-13	(C) Mar-13	(D) Apr-13	(E) May-13	(F) Jun-13	(G) Jul-13	(H) Aug-13	(I) Sep-13	(J) Oct-13	(K) Nov-13	(L) Dec-13	(M) Total	Line No.
1	\$ (9,039,312)	\$ (7,950,970)	\$ (7,495,073)	\$ (6,963,323)	\$ (6,818,849)	\$ (7,119,420)	\$ (7,922,193)	\$ (8,237,919)	\$ (9,063,353)	\$ (7,793,110)	\$ (7,518,780)	\$ (8,418,446)	\$ (94,340,748)	1
2	(2,044,468)	(1,968,424)	(1,962,299)	(1,912,514)	(1,908,125)	(2,043,834)	(2,214,999)	(2,210,054)	(2,359,219)	(2,098,687)	(2,021,677)	(1,984,793)	(24,729,093)	2
3	(10,007,406)	(9,692,014)	(9,822,417)	(9,669,299)	(9,844,364)	(10,464,277)	(10,818,233)	(10,812,786)	(11,812,932)	(10,621,105)	(10,555,105)	(10,100,350)	(124,220,288)	3
4	(113,865)	(113,905)	(113,946)	(113,986)	(114,027)	(114,067)	(114,108)	(114,149)	(114,189)	(114,230)	(114,270)	(114,311)	(1,369,053)	4
5														5
6														6
7														7
8														8
9	\$ (21,205,051)	\$ (19,725,313)	\$ (19,393,735)	\$ (18,659,122)	\$ (18,685,365)	\$ (19,741,598)	\$ (21,069,533)	\$ (21,374,908)	\$ (23,349,693)	\$ (20,627,132)	\$ (20,209,832)	\$ (20,617,900)	\$ (244,659,182)	9

Notes:

- 1 See pages 3 of 4 and 4 of 4 for detailed calculation of Residential Customer revenues that reflect that changed rates.
- 2 See pages 3 of 4 and 4 of 4 for detailed calculation of Small Commercial Customer revenues that reflect that changed rates.
- 3 See pages 3 of 4 and 4 of 4 for detailed calculation of Medium and Large Commercial Customer revenues that reflect that changed rates.
- 4 See pages 3 of 4 and 4 of 4 for detailed calculation of Street Lighting Customer revenues that reflect that changed rates.

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Statement BH
 SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Access Charge Balancing Account (TACBA) Revenue Data To Reflect Present Rates
 Twelve Months Ending December 31 2013

Line No.	Customer Classes	(A)	(B)	(C)	(D)	(E)	(F)	Reference	Line No.
		Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13		
		Energy (kWh)							
1	Residential Customers	757,695,870	666,468,602	628,254,242	583,681,698	571,571,550	596,766,162	Work Paper No. 4; Page 2; Line 3 x 1,000	1
2									2
3	Small Commercial	171,371,991	164,997,837	164,484,417	160,311,296	159,943,423	171,318,890	Work Paper No. 4; Page 2; Line 4 x 1,000	3
4									4
5	Medium-Large Commercial	838,843,764	812,406,835	823,337,517	810,502,846	825,177,219	877,139,764	Work Paper No. 4; Page 2; Line 5 x 1,000	5
6									6
7	Street Lighting	9,544,425	9,547,819	9,551,214	9,554,608	9,558,003	9,561,398	Work Paper No. 4; Page 2; Line 6 x 1,000	7
8									8
9	TOTAL	1,777,456,050	1,653,421,094	1,625,627,389	1,564,050,448	1,566,250,195	1,654,786,215	Sum Lines 1 - 7	9
10									10
11									11
12									12
13		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)		13
14	Residential Customers	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	Statement BK&BL; Page 1; Line 17	14
15								FERC Docket No. ER012-2172-000	15
16	Small Commercial	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	Statement BK&BL; Page 1; Line 17	16
17								FERC Docket No. ER012-2172-000	17
18	Medium-Large Commercial	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	Statement BK&BL; Page 1; Line 17	18
19								FERC Docket No. ER012-2172-000	19
20	Street Lighting	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	Statement BK&BL; Page 1; Line 17	20
21								Statement BK&BL; Page 1; Line 17	21
22									22
23		Revenues @ Present Rates		23					
24									24
25	Residential Customers	\$ (9,039,312)	\$ (7,950,970)	\$ (7,495,073)	\$ (6,963,323)	\$ (6,818,849)	\$ (7,119,420)	Line 1 x Line 15	25
26									26
27	Small Commercial	(2,044,468)	(1,968,424)	(1,962,299)	(1,912,514)	(1,908,125)	(2,043,834)	Line 3 x Line 17	27
28									28
29	Medium-Large Commercial	(10,007,406)	(9,692,014)	(9,822,417)	(9,669,299)	(9,844,364)	(10,464,277)	Line 5 x Line 19	29
30									30
31	Street Lighting	(113,865)	(113,905)	(113,946)	(113,986)	(114,027)	(114,067)	Line 7 x Line 21	31
32									32
33	TOTAL	\$ (21,205,051)	\$ (19,725,313)	\$ (19,393,735)	\$ (18,659,122)	\$ (18,685,365)	\$ (19,741,598)	Sum Lines 26 through 32	33
34									34

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Statement BH
 SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Access Charge Balancing Account (TACBA) Revenue Data To Reflect Present Rates
 Twelve Months Ending December 31, 2013

No.	Customer Classes	(G)	(H)	(I)	(J)	(K)	(L)	(M)	Reference	No.
		Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total		
		Energy (kWh)								
1	Residential Customers	664,056,420	690,521,284	759,711,083	653,236,406	630,241,434	705,653,461	7,907,858,211	Work Paper No. 4; Page 2; Line 3 x 1,000	1
2										2
3	Small Commercial	185,666,321	185,251,765	197,755,145	175,916,803	169,461,631	166,369,931	2,072,849,450	Work Paper No. 4; Page 2; Line 4 x 1,000	3
4										4
5	Medium-Large Commercial	906,809,132	906,352,588	990,187,106	890,285,404	884,753,178	846,634,503	10,412,429,856	Work Paper No. 4; Page 2; Line 5 x 1,000	5
6										6
7	Street Lighting	9,564,795	9,568,192	9,571,589	9,574,987	9,578,385	9,581,784	114,757,202	Work Paper No. 4; Page 2; Line 6 x 1,000	7
8										8
9	TOTAL	1,766,096,668	1,791,693,828	1,957,224,923	1,729,013,600	1,694,034,628	1,728,239,680	20,507,894,718	Sum Lines 1 - 7	9
10										10
11										11
12										12
13		\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)	\$(/kWh)			13
14										14
15	Residential Customers	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)		Statement BK&BL, Page 1; Line 17	15
16									FERC Docket No. ER012-2172-000	16
17	Small Commercial	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)		Statement BK&BL, Page 1; Line 17	17
18									FERC Docket No. ER012-2172-000	18
19	Medium-Large Commercial	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)		Statement BK&BL, Page 1; Line 17	19
20									FERC Docket No. ER012-2172-000	20
21	Street Lighting	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)	\$ (0.01193)		Statement BK&BL, Page 1; Line 17	21
22										22
23		Revenues @ Present Rates		23						
24										24
25	Residential Customers	\$ (7,922,193)	\$ (8,237,919)	\$ (9,063,353)	\$ (7,793,110)	\$ (7,518,780)	\$ (8,418,446)	(94,340,748)	Line 1 x Line 15	25
26										26
27	Small Commercial	(2,214,999)	(2,210,054)	(2,359,219)	(2,098,687)	(2,021,677)	(1,984,793)	(24,729,093)	Line 3 x Line 17	27
28										28
29	Medium-Large Commercial	(10,818,233)	(10,812,786)	(11,812,932)	(10,621,105)	(10,555,105)	(10,100,350)	(124,220,288)	Line 5 x Line 19	29
30										30
31	Street Lighting	(114,108)	(114,149)	(114,189)	(114,230)	(114,270)	(114,311)	(1,369,053)	Line 7 x Line 21	31
32										32
33	TOTAL	\$ (21,069,533)	\$ (21,374,908)	\$ (23,349,693)	\$ (20,627,132)	\$ (20,209,832)	\$ (20,617,900)	\$ (244,659,182)	Sum Lines 26 through 32	33
34										34

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San Diego Gas & Electric Company

Attachment – D (Cont'd)

D. Statement BK & Statement BL (Combined Statements) Retail TACBAA Rate Calculation

ER13-_____-000

**Statement BK & Statement BL (Combined Statements)
SAN DIEGO GAS & ELECTRIC COMPANY**

**2013 TACBAA Rate Filing
Transmission Access Charge Balancing Account Adjustment (TACBAA) Rate Calculation**

Line No.	Components	(a)		Reference	Line No.
		2013 - Proposed TACBAA			
1	Br: = Beginning TACBAA Balance @ 9/30/12	\$	1,485,667	Workpaper No. 1; Pages 1.1 - 1.4; Line 30	1
2					2
3	Net TAC (Benefit) / Burden Forecast Amount		(234,033,481)	Workpaper No. 2; Page 1 of 1; Col. 6; Line 3	3
4					4
5	Total TACBAA Before FF&U	\$	(232,547,814)	Sum Lines {1 & 3}	5
6					6
7	FF: Franchise Fees @ 1.0275 %		(2,389,429)	Line 5 x 1.0275%	7
8					8
9	U: Uncollectibles @ .141%		(327,892)	Line 5 x .141%	9
10					10
11	Total TACBAA	\$	(235,265,135)	Sum Lines {5; 7; & 9}	11
12					12
13	S: 12 Months MWh Ending September 30, 2012		19,745,266,367	Statement BD; Page 1 of 2; Column C; Line 15	13
14					14
15	TACBAA Rate Forecast (\$/kWh)	\$	(0.01192)	Line 11 / Line 13	15

NOTES:

San Diego Gas & Electric Company

Attachment – D (Cont'd)

E. Work Papers Applicable to TACBAA Retail Rate Calculation

ER13-_____-000

Work Paper – 1
Monthly TACBAA Detailed Activities

Statement BK
San Diego Gas Electric Company
TACBAA Monthly Activities Applicable
For the 12-Month Period Ending September 30, 2012
2013 TACBAA Rate Filing

Line No.	Description	October 2011	November 2011	December 2011	January 2012
1	Beginning Balance (Overcollection)/Undercollection	\$ 8,660,833	\$ 8,681,555	\$ 8,802,750	\$ 3,705,021
2					
3	TACBAA Refund				
4	Kwh	1,631,381,518	1,563,419,204	1,670,852,042	1,636,910,207
5	TACBAA Rate	\$ 0.00031	\$ 0.00031	\$ 0.00031	\$ (0.00091)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ 505,728	\$ 484,660	\$ 517,964	\$ (1,489,588)
7	Franchise Fees & Uncollectible Expense Adjustment	5,841	5,598	5,983	(17,205)
8	Total TACBAA Refund	\$ 499,887	\$ 479,062	\$ 511,981	\$ (1,472,383)
9					
10	Monthly ISO Charge Types (Revenues=Cr.)/Expenses=Dr.:				
11	CT 372 - HVAC Due ISO Preliminary - Expense	\$ 11,489,276	\$ 11,298,994	\$ 10,943,596	\$ 12,072,462
12	CT 372 - HVAC Due ISO Final - Expense	(233,963)	(308,700)	77,859	906,152
13	CT 374 - HVAC Due PTO Preliminary - Revenues	(10,828,319)	(10,595,204)	(13,003,618)	(16,772,791)
14	CT 374 - HVAC Due PTO Final - Revenues	69,370	181,659	(2,620,938)	(11,821,271)
15	CT 3372 - HVAC Adjustment - Due ISO - Expense	-	-	-	-
16	CT 3374 - HVAC Adjustment - Due PTO Final - Revenues	-	-	-	-
17	Total Monthly Related (Revenues)/Expenses:	\$ 496,364	\$ 576,749	\$ (4,603,101)	\$ (15,615,448)
18					
19	Adjustments:				
20	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (3,523)	\$ 97,687	\$ (5,115,082)	\$ (14,143,065)
21					
22	Interest Expense Calculations:				
23	Beginning Balance for Interest Calculation	\$ 8,660,833	\$ 8,660,833	\$ 8,660,833	\$ 3,705,021
24	Monthly Activity Included in Interest Calculation Basis	(1,761)	45,321	(2,463,377)	(7,071,532)
25	Basis for Interest Expense Calculation	8,659,072	8,706,154	6,197,456	(3,366,511)
26	Monthly Interest Rate	0.28000%	0.27000%	0.28000%	0.28000%
27	Interest Expense	\$ 24,245	\$ 23,507	\$ 17,353	\$ (9,426)
28	Interest Expense Adjustment:				
29					
30	Ending Balance (Overcollection)/Undercollection	\$ 8,681,555	\$ 8,802,750	\$ 3,705,021	\$ (10,447,470)
31		\$ 8,681,555	\$ 8,802,750	\$ 3,705,021	\$ (10,447,470)
32		\$ (0)	\$ 0	\$ 0	\$ 0
33					
34	Franchise Fees & Uncollectible Adjustment:				
35	Franchise Fees and Uncollectible Expense Adjustment Rate	1.1685%	1.1685%	1.1685%	1.1685%
36	Total (Refunds)/Collections Including Franchise Fees & Uncollectibles	\$ 505,728	\$ 484,660	\$ 517,964	\$ (1,489,588)
37	Uncollectibles Included on Line 7 Above:				
38	Total Refunds/Collections Including Uncollectible Expense	\$ 505,728	\$ 484,660	\$ 517,964	\$ (1,489,588)
39	Adjustment Factor to Convert Line B Above Before Uncollectible	1.01169	1.01169	1.01169	1.01169
40	Total Refunds/Collections Before Uncollectible Expense	\$ 499,887	\$ 479,062	\$ 511,981	\$ (1,472,383)
41	Uncollectible Rate	1.1685%	1.1685%	1.1685%	1.1685%
42	Uncollectible Adjustment	\$ 5,841	\$ 5,598	\$ 5,983	\$ (17,205)
43	Difference	\$ (0)	\$ -	\$ (0)	\$ 0

Statement BK
San Diego Gas Electric Company
TACBAA Monthly Activities Applicable
For the 12-Month Period Ending September 30, 2012
2013 TACBAA Rate Filing

Line No.	Description	February 2012	March 2012	April 2012	May 2012
1	Beginning Balance (Overcollection)/Undercollection	\$ (10,447,470)	\$ (12,597,785)	\$ (13,075,589)	\$ (13,655,927)
2					
3	TACBAA Refund				
4	Kwh	1,516,622,552	1,687,796,399	1,517,939,799	1,514,101,165
5	TACBAA Rate	\$ (0.00213)	\$ (0.00213)	\$ (0.00213)	\$ (0.00213)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (3,230,406)	\$ (3,595,006)	\$ (3,233,212)	\$ (3,225,035)
7	Franchise Fees & Uncollectible Expense Adjustment	(37,311)	(41,522)	(37,344)	(37,249)
8	Total TACBAA Refund	\$ (3,193,095)	\$ (3,553,484)	\$ (3,195,868)	\$ (3,187,786)
9					
10	Monthly ISO Charge Types (Revenues=Cr.)/Expenses=Dr.:				
11	CT 372 - HVAC Due ISO Preliminary - Expense	\$ 11,662,654	\$ 10,330,257	\$ 10,619,359	\$ 10,115,131
12	CT 372 - HVAC Due ISO Final - Expense	(347,419)	-	-	-
13	CT 374 - HVAC Due PTO Preliminary - Revenues	(16,216,791)	(14,325,762)	(14,359,526)	(13,938,095)
14	CT 374 - HVAC Due PTO Final - Revenues	(411,959)	-	-	-
15	CT 3372 - HVAC Adjustment - Due ISO - Expense	-	-	-	-
16	CT 3374 - HVAC Adjustment - Due PTO Final - Revenues	-	-	-	-
17	Total Monthly Related (Revenues)/Expenses:	\$ (5,313,515)	\$ (3,995,505)	\$ (3,740,167)	\$ (3,822,964)
18					
19	Adjustments:				
20	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (2,120,420)	\$ (442,021)	\$ (544,299)	\$ (635,178)
21					
22	Interest Expense Calculations:				
23	Beginning Balance for Interest Calculation	\$ 3,705,021	\$ 3,705,021	\$ (13,075,589)	\$ (13,075,589)
24	Monthly Activity Included in Interest Calculation Basis	(15,203,275)	(16,484,496)	(272,149)	(861,888)
25	Basis for Interest Expense Calculation	(11,498,254)	(12,779,474)	(13,347,739)	(13,937,477)
26	Monthly Interest Rate	0.26000%	0.28000%	0.27000%	0.28000%
27	Interest Expense	\$ (29,895)	\$ (35,783)	\$ (36,039)	\$ (39,025)
28	Interest Expense Adjustment:				
29					
30	Ending Balance (Overcollection)/Undercollection	\$ (12,597,785)	\$ (13,075,589)	\$ (13,655,927)	\$ (14,330,130)
31		\$ (12,597,785)	\$ (13,075,589)	\$ (13,655,927)	\$ (14,330,130)
32		\$ (0)	\$ (0)	\$ 0	\$ (0)
33					
34	Franchise Fees & Uncollectible Adjustment:				
35	Franchise Fees and Uncollectible Expense Adjustment Rate	1.1685%	1.1685%	1.1685%	1.1685%
36	Total (Refunds)/Collections Including Franchise Fees & Uncollectibles	\$ (3,230,406)	\$ (3,595,006)	\$ (3,233,212)	\$ (3,225,035)
37	Uncollectibles Included on Line 7 Above:				
38	Total Refunds/Collections Including Uncollectible Expense	\$ (3,230,406)	\$ (3,595,006)	\$ (3,233,212)	\$ (3,225,035)
39	Adjustment Factor to Convert Line B Above Before Uncollectible	1.01169	1.01169	1.01169	1.01169
40	Total Refunds/Collections Before Uncollectible Expense	\$ (3,193,095)	\$ (3,553,484)	\$ (3,195,868)	\$ (3,187,786)
41	Uncollectible Rate	1.1685%	1.1685%	1.1685%	1.1685%
42	Uncollectible Adjustment	\$ (37,311)	\$ (41,522)	\$ (37,344)	\$ (37,249)
43	Difference	\$ 0	\$ 0	\$ 0	\$ 0

Statement BK
San Diego Gas Electric Company
TACBAA Monthly Activities Applicable
For the 12-Month Period Ending September 30, 2012
2013 TACBAA Rate Filing

Line No.	Description	June 2012	July 2012	August 2012	September 2012
1	Beginning Balance (Overcollection)/Undercollection	\$ (14,330,130)	\$ (15,170,163)	\$ (16,706,700)	\$ (17,475,960)
2					
3	TACBAA Refund				
4	Kwh	1,615,461,762	1,622,266,448	1,752,029,429	2,016,485,842
5	TACBAA Rate	\$ (0.00213)	\$ (0.00213)	\$ (0.00213)	\$ (0.01193)
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (3,440,934)	\$ (3,455,428)	\$ (3,731,823)	\$ (24,056,676)
7	Franchise Fees & Uncollectible Expense Adjustment	(39,743)	(39,910)	(43,103)	(277,856)
8	Total TACBAA Refund	\$ (3,401,191)	\$ (3,415,518)	\$ (3,688,720)	\$ (23,778,820)
9					
10	Monthly ISO Charge Types (Revenues=Cr.)/Expenses=Dr.:				
11	CT 372 - HVAC Due ISO Preliminary - Expense	\$ 10,899,872	\$ 10,751,894	\$ 12,506,779	\$ 14,533,238
12	CT 372 - HVAC Due ISO Final - Expense	-	-	-	-
13	CT 374 - HVAC Due PTO Preliminary - Revenues	(15,101,527)	(15,659,383)	(16,917,096)	(19,329,122)
14	CT 374 - HVAC Due PTO Final - Revenues	-	-	-	-
15	CT 3372 - HVAC Adjustment - Due ISO - Expense	-	-	-	-
16	CT 3374 - HVAC Adjustment - Due PTO Final - Revenues	-	-	-	-
17	Total Monthly Related (Revenues)/Expenses:	\$ (4,201,655)	\$ (4,907,489)	\$ (4,410,317)	\$ (4,795,884)
18					
19	Adjustments:				
20	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (800,464)	\$ (1,491,971)	\$ (721,597)	\$ 18,982,936
21					
22	Interest Expense Calculations:				
23	Beginning Balance for Interest Calculation	\$ (13,075,589)	\$ (15,170,163)	\$ (15,170,163)	\$ (15,170,163)
24	Monthly Activity Included in Interest Calculation Basis	(1,579,709)	(745,986)	(1,852,770)	7,277,900
25	Basis for Interest Expense Calculation	(14,655,298)	(15,916,149)	(17,022,933)	(7,892,263)
26	Monthly Interest Rate	0.27000%	0.28000%	0.28000%	0.27000%
27	Interest Expense	\$ (39,569)	\$ (44,565)	\$ (47,664)	\$ (21,309)
28	Interest Expense Adjustment:				
29					
30	Ending Balance (Overcollection)/Undercollection	\$ (15,170,163)	\$ (16,706,700)	\$ (17,475,960)	\$ 1,485,667
31		\$ (15,170,163)	\$ (16,706,700)	\$ (17,475,960)	\$ 1,485,667
32		\$ (0)	\$ 0	\$ (0)	\$ 0
33					
34	Franchise Fees & Uncollectible Adjustment:				
35	Franchise Fees and Uncollectible Expense Adjustment Rate	1.1685%	1.1685%	1.1685%	1.1685%
36	Total (Refunds)/Collections Including Franchise Fees & Uncollectibles	\$ (3,440,934)	\$ (3,455,428)	\$ (3,731,823)	\$ (24,056,676)
37	Uncollectibles Included on Line 7 Above:				
38	Total Refunds/Collections Including Uncollectible Expense	\$ (3,440,934)	\$ (3,455,428)	\$ (3,731,823)	\$ (24,056,676)
39	Adjustment Factor to Convert Line B Above Before Uncollectible	1.01169	1.01169	1.01169	1.01169
40	Total Refunds/Collections Before Uncollectible Expense	\$ (3,401,191)	\$ (3,415,518)	\$ (3,688,720)	\$ (23,778,820)
41	Uncollectible Rate	1.1685%	1.1685%	1.1685%	1.1685%
42	Uncollectible Adjustment	\$ (39,743)	\$ (39,910)	\$ (43,103)	\$ (277,856)
43	Difference	\$ -	\$ 0	\$ 0	\$ 0

Statement BK
San Diego Gas Electric Company
TACBAA Monthly Activities Applicable
For the 12-Month Period Ending September 30, 2012
2013 TACBAA Rate Filing

Line No.	Description	Total	Reference	Line No.
1	Beginning Balance (Overcollection)/Undercollection	\$ 8,660,833	Previous Month's Balance	1
2				2
3	TACBAA Refund			3
4	Kwh	19,745,266,367	Recorded Sales	4
5	TACBAA Rate		TACBAA Rates	5
6	Total TRBAA Refund Including Franchise Fees & Uncollectibles	\$ (47,949,756)	Line 4 x Line 5	6
7	Franchise Fees & Uncollectible Expense Adjustment	(553,821)	See Line 42 Below	7
8	Total TACBAA Refund	\$ (47,395,935)	Line 6 / Line 39	8
9				9
10	Monthly ISO Charge Types (Revenues=Cr.)/Expenses=Dr.:			10
11	CT 372 - HVAC Due ISO Preliminary - Expense	\$ 137,223,512	CT 372 - HVAC Due ISO Preliminary	11
12	CT 372 - HVAC Due ISO Final - Expense	93,929	CT 372 - HVAC Due ISO Final	12
13	CT 374 - HVAC Due PTO Preliminary - Revenues	(177,047,234)	CT 374 - HVAC Due PTO Preliminary	13
14	CT 374 - HVAC Due PTO Final - Revenues	(14,603,139)	CT 374 - HVAC Due PTO Final	14
15	CT 3372 - HVAC Adjustment - Due ISO - Expense	-	CT3372 - HVAC Adjustment Due ISO	15
16	CT 3374 - HVAC Adjustment - Due PTO Final - Revenues	-	CT3374 - HVAC Adjustment Due PTO	16
17	Total Monthly Related (Revenues)/Expenses:	\$ (54,332,932)	Sum Lines 11 through 16	17
18				18
19	Adjustments:	-		19
20	Net Monthly Activity (Net of Refunds, Revenues, & Expenses)	\$ (6,936,998)	Minus Line 6 + Line 17 + Line 19	20
21				21
22	Interest Expense Calculations:			22
23	Beginning Balance for Interest Calculation		Beginning Quarterly Balances	23
24	Monthly Activity Included in Interest Calculation Basis		Interest Calculation Basis	24
25	Basis for Interest Expense Calculation		Line 23 + Line 24	25
26	Monthly Interest Rate		FERC Monthly Rates	26
27	Interest Expense	\$ (238,170)	Line 25 x Line 26	27
28	Interest Expense Adjustment:			28
29				29
30	Ending Balance (Overcollection)/Undercollection	\$ 1,485,667	Line 1 + Line 20 + Line 27	30
31				31
32				32
33				33
34	Franchise Fees & Uncollectible Adjustment:			34
35	Franchise Fees and Uncollectible Expense Adjustment Rate		Franchise Fees & Uncollectible Rate	35
36	Total (Refunds)/Collections Including Franchise Fees & Uncollectibles		See Line 6 Above	36
37	Uncollectibles Included on Line 7 Above:			37
38	Total Refunds/Collections Including Uncollectible Expense		See Line 36 Above	38
39	Adjustment Factor to Convert Line B Above Before Uncollectible		100% + 1.1685%	39
40	Total Refunds/Collections Before Uncollectible Expense		Line 38 / Line 39	40
41	Uncollectible Rate		See Line 35 Above	41
42	Uncollectible Adjustment	\$ (553,821)	Line 40 x Line 41	42
43	Difference	\$ 0		43

Work Paper – 2
CAISO TAC (Benefit) / Burden Calculation

ESTIMATED
January 01, 2013 TAC Rates
Based on Filed Annual TRR/TRBA and Load Data

TAC Components:

Line No.	Filed Annual TRR ¹ (\$)	Filed Annual Gross Load (MWh)	HV Utility Specific Rate (\$/MWh)	TAC Rate (\$/MWh)	TAC Amount (\$)	Net TAC (Benefit)/Burden Amount ^{2,3} (\$)	Line No.
	[1]	[2]	[3]	[4]	[5]	[6]	
			= [1] / [2]	= total [1] / total [2]	= ([2]) * [4]	= ([5]) - [1]	
1	PGE \$ 374,768,325	89,530,000 \$	4.1860 \$	7.7908 \$	697,507,593 \$	322,739,268	1
2	SCE \$ 597,707,320	89,629,647 \$	6.6686 \$	7.7908 \$	698,283,920 \$	100,576,600	2
3	SDGE \$ 399,715,101	21,266,400 \$	18.7956 \$	7.7908 \$	165,681,620 \$	(234,033,481)	3
4	Anaheim \$ 29,551,469	2,507,620 \$	11.7847 \$	7.7908 \$	19,536,289 \$	(10,015,180)	4
5	Azusa \$ 2,191,184	257,416 \$	8.5122 \$	7.7908 \$	2,005,469 \$	(185,715)	5
6	Banning \$ 1,298,844	144,652 \$	8.9791 \$	7.7908 \$	1,126,950 \$	(171,894)	6
7	Pasadena \$ 14,264,576	1,231,980 \$	11.5786 \$	7.7908 \$	9,598,072 \$	(4,666,504)	7
8	Riverside \$ 29,304,431	2,180,985 \$	13.4363 \$	7.7908 \$	16,991,551 \$	(12,312,880)	8
9	Vernon \$ 1,241,060	1,181,728 \$	1.0502 \$	7.7908 \$	9,206,570 \$	7,965,510	9
10	Atlantic P15 \$ 28,788,725	- \$	- \$	7.7908 \$	0 \$	(28,788,725)	10
11	Startrans \$ 5,215,580	- \$	- \$	7.7908 \$	0 \$	(5,215,580)	11
12	Trans-Bay Cable \$ 122,664,066	- \$	- \$	7.7908 \$	0 \$	(122,664,066)	12
13	Citizens Sunrise \$ 13,227,355	- \$	- \$	7.7908 \$	0 \$	(13,227,355)	13
14	ISO Total \$ 1,619,938,036	207,930,428			1,619,938,036	0	14

NOTES:

¹ The TAC calculation is based on the latest FERC approved HVTRR for the PTOs as of July 3, 2012 dated October 29, 2012, and SDG&E's HVTRR derived from its TO3-Cycle 6 Informational Filing that was filed with the FERC on August 15, 2012.

² Column 6 reflects the net TAC (Benefit)/Burden amount that is expected to flow through to the PTOs TACBAA based on the HVTRRs that are currently in effect in January 1, 2013. Although the FERC has not acted on SDG&E's cycle 6 formula filing, SDG&E used its HVTRR from its TO3-Cycle 6 Informational Filing on August 15, 2012 to derive the TAC (Benefit)/Burden to be used in its annual TACBAA rate filing.

³ The net TAC (Benefit)/Burden calculation also reflects SDG&E's Wholesale BTRR from its August 15, 2012 Informational Filing.

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Work Paper – 3
CAISO PTO HVTRR Input Form

ESTIMATED 01 January 2013 ISO Access Charge Rate

HIGH VOLTAGE AND LOW VOLTAGE COMPONENTS			Info Only	
PTO	Total HV Filed TRR	Total LV Filed TRR	Combined TRR	
PTO	Base TRR	439,746,501	482,253,499	922,000,000
	TRBAA	(63,436,324)	(9,178,874)	(72,615,198)
	Standby Credit	(1,541,852)	(1,726,785)	(3,268,637)
	Total	374,768,325	471,347,840	846,116,165
PGE	Gross Load	89,530,000	89,530,000	89,530,000
	Utility Specific Access Charges (\$/MWh)	4.1860	5.2647	9.4506
	TRR - Eff. Date - Docket#	3/1/2011 ER10-2026		
	TRBA - Eff. Date - Docket#	1/1/2012 ER12-76		
SCE	Base TRR	665,148,841	51,053,327	716,202,168
	TRBAA	(60,454,429)	(199,612)	(60,654,041)
	Standby Credit	(6,987,092)	(536,292)	(7,523,384)
	Total	597,707,320	50,317,423	648,024,743
SCE	Gross Load	89,629,647	89,629,647	89,629,647
	Utility Specific Access Charges (\$/MWh)	6.6686	0.5614	7.2300
	TRR - Eff. Date - Docket#	1/1/2012 ER11-3697		
	TRBA - Eff. Date - Docket#	1/1/2012 ER12-236		
SDGE	Base TRR	407,112,000	201,703,000	608,815,000
	TRBAA	(1,799,875)	40,487	(1,759,388)
	Standby Credit	(5,597,024)	(2,773,036)	(8,370,060)
	Total	399,715,101	198,970,451	598,685,552
SDGE	Gross Load	21,266,400	21,266,400	21,266,400
	Utility Specific Access Charges (\$/MWh)	18.7956	9.3561	28.1517
	TRR - Eff. Date - Docket#	9/1/2012-ER12-2454-000		
	TRBA - Eff. Date - Docket#	1/1/2012 ER12-660		
Vernon	Base TRR	1,346,520		1,346,520
	TRBAA	(105,460)		(105,460)
	Standby Credit	-		-
	Total	1,241,060		1,241,060
Vernon	Gross Load	1,181,728		1,181,728
	Utility Specific Access Charges (\$/MWh)	1.0502		1.0502
	TRR - Eff. Date - Docket#	1/1/2012 NJ12-1		
	TRBA - Eff. Date - Docket#	1/1/2012 NJ12-1		

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Anaheim	Base TRR	30,000,000		30,000,000
	TRBAA	(448,531)		(448,531)
	Standby Credit	-		-
	Total	29,551,469		29,551,469
	Gross Load	2,507,620		2,507,620
	Utility Specific Access Charges (\$/MWh)	11.7847		11.7847
	TRR - Eff. Date - Docket#	7/1/2011 ER11-3594		
	TRBA - Eff. Date - Docket#	1/1/2012 NJ12-5		
Azusa	Base TRR	2,230,280		2,230,280
	TRBAA	(39,096)		(39,096)
	Standby Credit	-		-
	Total	2,191,184		2,191,184
	Gross Load	257,416		257,416
	Utility Specific Access Charges (\$/MWh)	8.5122		8.5122
	TRR - Eff. Date - Docket#	12/1/2011 ER12-489		
	TRBA - Eff. Date - Docket#	1/1/2012 NJ12-6		
Banning	Base TRR	1,314,700	44,100	1,358,800
	TRBAA	(15,856)	-	(15,856)
	Standby Credit	-	-	-
	Total	1,298,844	44,100	1,342,944
	Gross Load	144,652	144,652	144,652
	Utility Specific Access Charges (\$/MWh)	8.9791	0.3049	9.2840
	TRR - Eff. Date - Docket#	7/1/2011 ER11-3962		
	TRBA - Eff. Date - Docket#	1/1/2012 NJ12-3		
Pasadena	Base TRR	14,818,984		14,818,984
	TRBAA	(554,408)		(554,408)
	Standby Credit	-		-
	Total	14,264,576		14,264,576
	Gross Load	1,231,980		1,231,980
	Utility Specific Access Charges (\$/MWh)	11.5786		11.5786
	TRR - Eff. Date - Docket#	09/1/2011 ER11-4375		
	TRBA - Eff. Date - Docket#	1/1/2012 NJ12-4		

Riverside	Base TRR	30,047,663	30,047,663
	TRBAA	(743,232)	(743,232)
	Standby Credit	-	-
	Total	29,304,431	29,304,431
	Gross Load	2,180,985	2,180,985
Atlantic P15	Utility Specific Access Charges (\$/MWh)	13.4363	13.4363
	TRR - Eff. Date - Docket#	1/1/2012 NJ12-2	
	TRBA - Eff. Date - Docket#	1/1/2012 NJ12-2	
	Base TRR	28,750,000	28,750,000
	TRBAA	38,725	38,725
Startrans	Standby Credit	-	-
	Total	28,788,725	28,788,725
	Gross Load	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000
	TRR - Eff. Date - Docket#	4/20/2011 ER11-2909	
Trans-Bay Cable	TRBA - Eff. Date - Docket#	1/1/2012 ER12-349	
	Base TRR	5,220,000	5,220,000
	TRBAA	(4,420)	(4,420)
	Standby Credit	-	-
	Total	5,215,580	5,215,580
Startrans	Gross Load	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000
	TRR - Eff. Date - Docket#	4/23/2008 ER08-413	
	TRBA - Eff. Date - Docket#	1/1/2012 ER12-299	
	Trans-Bay Cable	Base TRR	123,092,500
TRBAA		(428,434)	(1,058,427)
Standby Credit		-	-
Total		122,664,066	131,441,573
Gross Load		-	-
Trans-Bay Cable	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000
	TRR - Eff. Date - Docket#	11/23/2010 ER10-116 & ER11-3262	
	TRBA - Eff. Date - Docket#	1/1/2012 ER12-669	

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Citizens Sunrise	Base TRR	13,227,355	-	13,227,355
	TRBAA	-	-	-
	Standby Credit	-	-	-
	Total	13,227,355	-	13,227,355
	Gross Load	-	-	-
	Utility Specific Access Charges (\$/MWh)	0.0000	0.0000	0.0000
TRR - Eff. Date - Docket#	7/3/2012 ER12-686			
TRBA - Eff. Date - Docket#	7/3/2012 ER12-686			

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For Information Only				
Total CAISO Grid	Base TRR	1,762,055,344	744,461,426	2,506,516,770
	TRBAA	(127,991,340)	(9,967,992)	(137,959,332)
	Standby Credit	(14,125,968)	(5,036,113)	(19,162,081)
	Total	1,619,938,036	729,457,321	2,349,395,357
	Gross Load	207,930,428		
	Utility Specific Access Charges (\$/MWh)	7.7908		

Work Paper – 4
12-Month Recorded Sales Ending 9/30/2012
& 12-Month Forecast Sales from
1/1/2013 thru 12/31/2013

Line No.	San Diego Gas & Electric Recorded Billing Determinants for the 12-Month Period: October 2011 - September 2012												
	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total
1	System Delivery Determinants												
2	Customer Class Deliveries (MWh)												
3	583,078	578,648	663,469	712,816	613,721	601,110	567,139	538,727	550,024	591,025	675,694	807,894	7,483,346
4	169,297	160,943	163,594	171,297	161,940	165,051	157,417	158,666	171,319	174,305	188,039	208,149	2,049,617
5	869,409	814,776	836,521	742,356	731,845	914,662	782,429	806,605	889,001	846,697	885,031	992,484	10,111,815
6	9,597	9,052	7,268	10,441	9,516	6,974	10,954	10,104	5,119	10,240	3,266	7,958	100,489
7	2.4	0.0	0.0	1.2	0.6	0.0	0.0	2.6	1.4	-3.1	0.8	0.0	5.9
8	1,631,384	1,563,419	1,670,852	1,636,911	1,516,623	1,687,796	1,517,940	1,514,104	1,615,463	1,622,263	1,752,030	2,016,486	19,745,272
9													
10	1,631,382	1,563,419	1,670,852	1,636,910	1,516,623	1,687,796	1,517,940	1,514,101	1,615,462	1,622,266	1,752,029	2,016,486	19,745,266
11													
12	INPUT FROM FORECAST:												
13	Medium & Large Details - Deliveries in MWh:												
14	26,232	21,763	20,065	20,783	19,501	20,278	18,794	20,331	28,679	27,401	27,940	25,437	277,204
15	787,540	736,510	744,451	694,066	716,755	761,127	712,173	729,845	797,708	766,119	798,212	911,715	9,156,220
16	55,637	56,503	72,005	27,507	-4,411	133,257	51,461	56,429	62,614	53,176	58,879	55,332	678,391
17	869,409	814,776	836,521	742,356	731,845	914,662	782,429	806,605	889,001	846,697	885,031	992,484	10,111,815
18													

Line No.	San Diego Gas & Electric Recorded Billing Determinants for the 12-Month Period: October 2011 - September 2012												
	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total
19	System Delivery Determinants												
20	Customer Class Deliveries (kWh)												
21	583,077,961	578,647,962	663,468,238	712,816,164	613,720,804	601,110,205	567,139,217	538,727,219	550,023,590	591,025,111	675,693,951	807,894,391	7,483,345,833
22	169,297,006	160,943,217	163,594,306	171,297,139	161,940,451	165,050,532	157,417,496	158,665,672	171,318,848	174,304,502	188,038,771	208,149,142	2,049,617,082
23	869,409,273	814,776,186	836,520,849	742,355,942	731,844,877	914,661,596	782,428,802	806,604,619	889,000,502	846,696,711	885,030,919	992,484,188	10,111,814,564
24	9,597,278	9,051,839	7,267,629	10,440,962	9,516,420	6,974,066	10,954,284	10,103,655	5,118,722	10,240,124	3,265,788	7,958,121	100,488,888
25	2,352	0	0	1,184	611	0	0	2,615	1,444	-3,132	813	0	5,887.0
26	1,631,383,870	1,563,419,204	1,670,852,042	1,636,911,391	1,516,623,163	1,687,796,399	1,517,939,799	1,514,103,780	1,615,463,206	1,622,263,316	1,752,030,242	2,016,485,842	19,745,272,254
27													
28	1,631,381,518	1,563,419,204	1,670,852,042	1,636,910,207	1,516,622,552	1,687,796,399	1,517,939,799	1,514,101,165	1,615,461,762	1,622,266,448	1,752,029,429	2,016,485,842	19,745,266,367
29													
30	INPUT FROM FORECAST:												
31	Medium & Large Details - Deliveries in kWh:												
32	26,232,081	21,763,111	20,064,982	20,783,363	19,500,869	20,277,657	18,794,368	20,330,816	28,678,510	27,401,396	27,939,784	25,437,002	277,203,939
33	787,540,402	736,509,891	744,450,642	694,065,820	716,754,735	761,126,946	712,173,075	729,844,573	797,708,186	766,118,945	798,212,055	911,714,733	9,156,220,003
34	55,636,790	56,503,184	72,005,225	27,506,759	-4,410,727	133,256,993	51,461,359	56,429,230	62,613,906	53,176,370	58,879,080	55,332,453	678,390,622
35	869,409,273	814,776,186	836,520,849	742,355,942	731,844,877	914,661,596	782,428,802	806,604,619	889,000,502	846,696,711	885,030,919	992,484,188	10,111,814,564
36													

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San Diego Gas & Electric Forecast Billing Determinants for the 12-Month Period: January 2013 - December 2013													
Line No.	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total
1	System Delivery Determinants												
2	Customer Class Deliveries (MWh)												
3	757,696	666,469	628,254	583,682	571,572	596,766	664,056	690,521	759,711	653,236	630,241	705,653	7,907,858
4	171,372	164,998	164,484	160,311	159,943	171,319	185,666	185,252	197,755	175,917	169,462	166,370	2,072,849
5	838,844	812,407	823,338	810,503	825,177	877,140	906,809	906,353	990,187	890,285	884,753	846,635	10,412,430
6	9,544	9,548	9,551	9,555	9,558	9,561	9,565	9,568	9,572	9,575	9,578	9,582	114,757
7	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
8	1,777,458	1,653,423	1,625,629	1,564,052	1,566,252	1,654,788	1,766,099	1,791,696	1,957,227	1,729,016	1,694,057	1,728,242	20,507,918
9	Total System - EXCLUDING Sale for Resale												
10	1,777,456	1,653,421	1,625,627	1,564,050	1,566,250	1,654,786	1,766,097	1,791,694	1,957,225	1,729,014	1,694,055	1,728,240	20,507,895
11	INPUT FROM FORECAST:												
12	Medium & Large Details - Deliveries in MWh:												
13	17,568	17,092	17,892	21,255	23,024	26,256	29,108	28,562	30,316	26,776	24,355	20,861	283,064
14	762,577	736,598	746,712	730,497	743,386	792,100	818,899	818,972	901,035	804,656	801,528	766,886	9,423,846
15	58,699	58,716	58,733	58,750	58,768	58,785	58,802	58,819	58,836	58,853	58,870	58,888	705,519
16	838,844	812,407	823,338	810,503	825,177	877,140	906,809	906,353	990,187	890,285	884,753	846,635	10,412,430
17	Total												
18	1,777,458	1,653,423	1,625,629	1,564,052	1,566,252	1,654,788	1,766,099	1,791,696	1,957,227	1,729,016	1,694,057	1,728,242	20,507,918

San Diego Gas & Electric Forecast Billing Determinants for the 12-Month Period: January 2013 - December 2013													
Line No.	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total
19	System Delivery Determinants												
20	Customer Class Deliveries (kWh)												
21	757,695,870	666,468,602	628,254,242	583,681,698	571,571,550	596,766,162	664,056,420	690,521,284	759,711,083	653,236,406	630,241,434	705,653,461	7,907,858,211
22	171,371,991	164,997,837	164,484,417	160,311,296	159,943,423	171,318,890	185,666,321	185,251,765	197,755,145	175,916,803	169,461,691	166,369,931	2,072,849,450
23	838,843,764	812,406,835	823,337,517	810,502,846	825,177,219	877,139,764	906,809,132	906,352,588	990,187,106	890,285,404	884,753,178	846,634,503	10,412,429,856
24	9,544,425	9,547,819	9,551,214	9,554,608	9,558,003	9,561,398	9,564,795	9,568,192	9,571,589	9,574,987	9,578,385	9,581,784	114,757,022
25	1.931	1.931	1.931	1.931	1.931	1.931	1.931	1.931	1.931	1.931	1.931	1.931	23,175.0
26	1,777,457,982	1,653,423,025	1,625,629,320	1,564,052,379	1,566,252,126	1,654,788,146	1,766,098,600	1,791,695,759	1,957,226,854	1,729,015,531	1,694,036,559	1,728,241,611	20,507,917,893
27	Total System - EXCLUDING Sale for Resale												
28	1,777,456,050	1,653,421,094	1,625,627,389	1,564,050,448	1,566,250,195	1,654,786,215	1,766,096,668	1,791,693,828	1,957,224,923	1,729,013,600	1,694,034,628	1,728,239,680	20,507,894,718
29	INPUT FROM FORECAST:												
30	Medium & Large Details - Deliveries in kWh:												
31	17,568,038	17,092,203	17,891,971	21,255,406	23,024,053	26,255,548	29,108,404	28,561,585	30,315,745	26,776,163	24,354,628	20,860,514	283,064,237
32	762,576,661	736,598,457	746,712,255	730,497,027	743,385,627	792,099,547	818,898,923	818,972,056	901,035,268	804,655,997	801,528,150	766,886,429	9,423,846,396
33	58,699,065	58,716,176	58,733,292	58,750,413	58,767,539	58,784,670	58,801,806	58,818,947	58,836,093	58,853,244	58,870,400	58,887,561	705,519,203
34	838,843,764	812,406,835	823,337,517	810,502,846	825,177,219	877,139,764	906,809,132	906,352,588	990,187,106	890,285,404	884,753,178	846,634,503	10,412,429,856
35	Total												
36	1,777,457,982	1,653,423,025	1,625,629,320	1,564,052,379	1,566,252,126	1,654,788,146	1,766,098,600	1,791,695,759	1,957,226,854	1,729,015,531	1,694,036,559	1,728,241,611	20,507,917,893

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