

San Diego Gas & Electric Company

Volume - 3

TO4 - Cycle 4

**Wholesale True-Up Adjustment Report;
Retail and Wholesale True-Up
Adjustment and Interest True-Up
Adjustment Calculations**

December 1, 2016

Docket No. ER17- -

San Diego Gas & Electric Company

Volume - 3

TO4 - Cycle 4

**Wholesale True-Up Adjustment Report;
Retail and Wholesale True-Up
Adjustment and Interest True-Up
Adjustment Calculations**

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Docket No. ER17- -

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

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San Diego Gas & Electric Company

True-Up Period

Statement – BG

Revenue Data to Reflect Changed Rates

Docket No. ER17-____-____

Statement BG
SAN DIEGO GAS & ELECTRIC COMPANY
Transmission Revenues Data to Reflect Changed Rates
Comparison of Revenues
Recorded Billing Determinants

Line No.	Customer Classes	(a) Transmission Revenues @ Proposed Rates	(b) True-Up Period Total Cost of Service	(c) = (a) - (b) (\$) Change	(d) = (c)/(a) (%) Change	Reference	Line No.
1	Residential Customers	\$ 285,253,926	\$ 285,253,926	(0)	0.00%	(a) Page 2.2; Line 1	1
2						(b) Statement BL- Retail TU; Page 2; Line 4	2
3	Small Commercial Customers	71,797,829	71,797,829	0	0.00%	(a) Page 2.2; Line 3	3
4						(b) Statement BL- Retail TU; Page 2; Line 5	4
5	Medium-Large Commercial Customers	296,165,205	296,165,205	-	0.00%	(a) Page 2.2; Line 5	5
6						(b) Statement BL- Retail TU; Page 2; Line 6	6
7	Agricultural	6,511,787	6,511,787	-	0.00%	(a) Page 2.2; Line 7	7
8						(b) Statement BL- Retail TU; Page 2; Line 7	8
9	Street Lighting Customers	2,381,377	2,381,377	(0)	0.00%	(a) Page 2.2; Line 9	9
10						(b) Statement BL- Retail TU; Page 2; Line 8	10
11	Standby Customers	10,595,107	10,595,107	-	0.00%	(a) Page 2.2; Line 11	11
12						(b) Statement BL- Retail TU; Page 2; Line 9	12
13	Grand Total	\$ 672,705,231	\$ 672,705,231	0	0.00%	Sum Lines 1 through 11	13

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015

Line No.	Season Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	Line No.
		Jan-15 Winter	Feb-15 Winter	Mar-15 Winter	Apr-15 Winter	May-15 Summer	Jun-15 Summer	
1	Residential Customers ¹	\$ 26,122,895	\$ 21,370,593	\$ 20,890,242	\$ 19,960,990	\$ 20,165,447	\$ 20,361,331	1
2								2
3	Small Commercial ²	5,933,383	5,421,807	5,695,518	5,880,121	5,525,443	5,628,467	3
4								4
5	Medium-Large Commercial ³	21,959,700	21,510,987	21,395,077	23,364,695	24,423,650	22,716,128	5
6								6
7	Agricultural ⁴	349,296	473,744	464,734	552,009	496,337	510,535	7
8								8
9	Street Lighting ⁵	144,076	287,083	208,556	228,173	129,283	187,629	9
10								10
11	Standby Revenues ⁶	886,038	885,474	882,368	882,440	879,445	864,448	11
12								12
13	TOTAL	\$ 55,395,389	\$ 49,949,687	\$ 49,536,496	\$ 50,868,427	\$ 51,619,606	\$ 50,268,539	13

NOTES:

- ¹ See Pages 3.1 & 3.2; Line 31.
- ² See Pages 3.1 & 3.2; Line 33.
- ³ See Pages 3.1 & 3.2; Line 40.
- ⁴ See Pages 3.1 & 3.2; Lines 42 and 43.
- ⁵ See Pages 3.1 & 3.2; Line 45.
- ⁶ See Pages 3.1 & 3.2; Line 47.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015

Line No.	Season	Customer Class	(G)	(H)	(I)	(J)	(K)	(L)	(M)	Line No.
			Jul-15 Summer	Aug-15 Summer	Sep-15 Summer	Oct-15 Summer	Nov-15 Winter	Dec-15 Winter	Total	
1		Residential Customers ¹	\$ 23,905,850	\$ 26,121,175	\$ 31,025,167	\$ 28,761,569	\$ 23,359,110	\$ 23,209,557	\$ 285,253,926	1
2										2
3		Small Commercial ²	6,316,275	6,410,776	6,883,513	6,711,813	5,906,480	5,484,233	71,797,829	3
4										4
5		Medium-Large Commercial ³	27,687,821	26,753,860	28,243,089	30,885,737	24,550,049	22,674,412	296,165,205	5
6										6
7		Agricultural ⁴	565,260	810,377	564,238	671,819	474,073	579,364	6,511,787	7
8										8
9		Street Lighting ⁵	242,540	127,764	216,865	137,185	207,463	264,759	2,381,377	9
10										10
11		Standby Revenues ⁶	870,776	877,373	894,928	885,678	892,240	893,898	10,595,107	11
12										12
13		TOTAL	\$ 59,588,522	\$ 61,101,326	\$ 67,827,801	\$ 68,053,801	\$ 55,389,415	\$ 53,106,223	\$ 672,705,231	13

NOTES:

- ¹ See Pages 3.1 & 3.2; Line 31.
- ² See Pages 3.1 & 3.2; Line 33.
- ³ See Pages 3.1 & 3.2; Line 40.
- ⁴ See Pages 3.1 & 3.2; Lines 42 and 43.
- ⁵ See Pages 3.1 & 3.2; Line 45.
- ⁶ See Pages 3.1 & 3.2; Line 47.

Statement BG

SAN DIEGO GAS AND ELECTRIC COMPANY

Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15	
		Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)
1	Residential Customers	654,946,809	-	535,798,244	-	523,755,011	-	500,457,028	-	505,583,138	-	510,494,276	-
2	Small Commercial	158,996,758	-	145,288,076	-	152,622,698	-	157,569,514	-	148,065,197	-	150,825,939	-
3	Medium-Large Commercial	829,205,681	13,183	833,177,428	12,843	780,572,590	13,597	835,567,803	14,286	819,021,759	14,116	751,011,301	13,391
4	Non-Coincident (100%)		2,095,235		2,058,881		2,038,881		2,227,226		2,096,227		1,926,433
5	Non-Coincident (90%)		1,665,447		1,607,023		1,657,166		1,818,416		1,813,273		1,807,654
6	Maximum On-Peak Period Demand		75,364		77,636		83,466		85,783		66,555		38,019
7	Maximum Demand at the Time of System Peak												
8	Agricultural		4,831,195		6,129,852		5,932,939		7,996,627		7,518,836		7,787,178
9	Schedule PA and TOU-PA		12,506,421		16,553,379		15,366,852		19,457,062		16,045,251		15,865,512
10	Schedule PA-T-1 - Non-Coincident (100%)		47,171		66,624		65,647		74,326		65,475		67,212
11	Street Lighting		5,423,418		10,806,555		7,850,608		8,589,040		4,866,573		7,062,850
12	Standby Customers		170,446		-		169,761		-		169,195		166,304
13	TOTAL	1,665,910,282		1,547,755,554		1,486,100,698		1,529,457,074		1,501,100,754		1,443,047,056	

NOTES: The above billing determinants are the recorded determinants from January 2015 through June 2015.

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15	
		Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)
20	Residential Customers ¹	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$
21	Small Commercial ¹	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$
22	Medium-Large Commercial ¹	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$
23	Agricultural (Schedules PA and TOU-PA) ¹	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$
24	Street Lighting ¹												
25	Standby Customers ¹												

¹ The changed rates information comes from the Summary of Rates in Statement BL, Page 1.

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15	
		Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Revenues @ Changed Rates Demand (kW)
31	Residential Customers	\$ 26,122,895	\$	\$ 21,370,593	\$	\$ 20,890,242	\$	\$ 19,960,990	\$	\$ 20,165,447	\$	\$ 20,361,331	\$
32	Small Commercial	\$ 5,933,383	\$	\$ 5,421,807	\$	\$ 5,695,518	\$	\$ 5,880,121	\$	\$ 5,525,443	\$	\$ 5,628,467	\$
33	Medium-Large Commercial	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
34	Non-Coincident (100%)	\$ 146,972	\$	\$ 143,178	\$	\$ 151,593	\$	\$ 159,272	\$	\$ 157,376	\$	\$ 149,291	\$
35	Non-Coincident (90%)	\$ 20,877,149	\$	\$ 20,462,650	\$	\$ 20,308,591	\$	\$ 22,182,250	\$	\$ 20,872,192	\$	\$ 19,234,152	\$
36	Maximum On-Peak Period Demand	\$ 893,410	\$	\$ 861,722	\$	\$ 888,196	\$	\$ 975,176	\$	\$ 3,253,707	\$	\$ 3,252,685	\$
37	Maximum Demand at the Time of System Peak	\$ 42,169	\$	\$ 43,437	\$	\$ 46,697	\$	\$ 47,996	\$	\$ 140,375	\$	\$ 80,000	\$
38	Agricultural	\$ 21,959,700	\$	\$ 21,510,987	\$	\$ 21,395,077	\$	\$ 23,364,695	\$	\$ 24,423,650	\$	\$ 22,716,128	\$
39	Schedule PA and TOU-PA	\$ 96,937	\$	\$ 122,994	\$	\$ 119,043	\$	\$ 160,451	\$	\$ 150,864	\$	\$ 156,248	\$
40	Schedule PA-T-1 - Non-Coincident (100%)	\$ 252,359	\$	\$ 350,749	\$	\$ 345,691	\$	\$ 391,558	\$	\$ 345,473	\$	\$ 354,287	\$
41	Street Lighting	\$ 144,076	\$	\$ 287,083	\$	\$ 208,556	\$	\$ 228,173	\$	\$ 129,283	\$	\$ 187,629	\$
42	Standby Customers	\$ 886,038	\$	\$ 885,474	\$	\$ 882,368	\$	\$ 882,440	\$	\$ 879,445	\$	\$ 864,448	\$
43	TOTAL	\$ 32,297,292	\$	\$ 27,202,477	\$	\$ 26,913,359	\$	\$ 26,229,735	\$	\$ 25,971,038	\$	\$ 26,333,675	\$
44	Grand Total	\$ 32,297,292	\$	\$ 27,202,477	\$	\$ 26,913,359	\$	\$ 26,229,735	\$	\$ 25,971,038	\$	\$ 26,333,675	\$
45		\$ 55,395,389	\$	\$ 49,949,687	\$	\$ 49,536,496	\$	\$ 50,868,427	\$	\$ 51,619,606	\$	\$ 50,268,539	\$

NOTES: The revenues above are derived by multiplying the forecast billing determinants by the rates, except for Med. & Agr. C-1, Agricultural-Pa-T1-Non-Coincident (100%), and Standby customers. The derivation of these revenues are shown on pages 4-1, 4-2, 5-1, 5-2, 6, and 7.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
 Derivation of Monthly Retail Cost of Service
 Revenues for True-Up Period Using Retail Rates Developed in Statement BL
 For True-Up Period January 1, 2015 - December 31, 2015

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15		(M) Total	
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)
1	Residential Customers	599,361,586	-	654,903,690	-	777,855,363	-	721,102,994	-	585,653,853	-	581,904,317	-	7,151,816,309	-
2	Small Commercial	169,257,114	-	171,789,464	-	184,457,379	-	179,856,350	-	158,275,833	-	146,900,896	-	1,923,965,218	-
3	Medium-Large Commercial	940,848,952	-	895,518,272	-	937,538,773	-	1,010,556,624	-	923,305,048	-	872,679,609	-	10,428,803,840	-
4	Non-Coincident (100%)	14,338	14,290	2,275,915	15,720	2,395,890	15,857	2,626,088	15,857	2,341,513	13,992	2,167,699	11,866	26,596,779	167,478
5	Non-Coincident (90%)	2,350,388	2,275,915	2,395,890	2,395,890	2,402,380	2,402,380	2,402,380	2,402,380	1,980,329	1,980,329	1,712,251	2,167,699	22,898,592	22,898,592
6	Maximum On-Peak Period Demand	2,124,900	2,068,316	2,068,316	2,068,316	2,068,316	2,068,316	2,068,316	2,068,316	96,160	96,160	101,067	101,067	1,070,620	1,070,620
7	Maximum Demand at the Time of System Peak	147,232	147,232	147,232	147,232	147,232	147,232	147,232	147,232	118,001	118,001	101,067	101,067	1,070,620	1,070,620
8	Agricultural	8,937,155	-	8,529,687	-	9,529,687	-	8,554,037	-	8,219,097	-	7,312,575	-	91,341,699	-
9	Schedule PA-T-1 - Non-Coincident (100%)	19,153,571	73,192	44,308,534	122,460	17,339,281	70,715	25,994,810	95,507	12,178,160	58,800	18,424,971	82,287	233,195,804	889,416
10	Street Lighting	9,129,845	-	4,809,371	-	8,163,389	-	5,164,003	-	7,809,458	-	9,966,225	-	89,641,335	-
11	Standby Customers	-	167,536	-	168,811	-	172,193	-	170,419	-	171,652	-	171,968	-	2,038,396
12	TOTAL	1,746,688,223	-	1,779,921,852	-	1,934,883,872	-	1,951,228,818	-	1,695,441,449	-	1,637,248,593	-	19,918,764,205	-

NOTES: The above billing determinants are the recorded determinants from July 2015 through December 2015.

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15		(M) Total	
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)
20	Residential Customers ¹	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$
21	Small Commercial ¹	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$	\$ 0.0373176	\$
22	Medium-Large Commercial ¹	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$	\$ 0.0200648	\$
23	Agricultural (Schedules PA and TOU-PA) ¹	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$
24	Street Lighting ¹	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$
25	Standby Customers ¹	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$	\$ 0.0265656	\$
26	TOTAL	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$	\$ 0.0398855	\$

¹ The changed rates information comes from the Summary of Rates in Statement BL, Page 1.

Line No.	Customer Classes	(G) Jul-15		(H) Aug-15		(I) Sep-15		(J) Oct-15		(K) Nov-15		(L) Dec-15		(M) Total	
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)
31	Residential Customers	\$ 23,905,850	\$	\$ 26,121,175	\$	\$ 31,025,167	\$	\$ 28,761,569	\$	\$ 23,359,110	\$	\$ 23,209,557	\$	\$ 285,253,926	\$
32	Small Commercial	\$ 6,316,275	\$	\$ 6,410,776	\$	\$ 6,883,513	\$	\$ 6,711,813	\$	\$ 5,906,480	\$	\$ 5,484,233	\$	\$ 71,797,829	\$
33	Medium-Large Commercial	\$ -	\$	\$ -	\$	\$ -	\$	\$ -	\$	\$ -	\$	\$ -	\$	\$ -	\$
34	Non-Coincident (100%)	\$ 159,854	\$	\$ -	\$	\$ -	\$	\$ -	\$	\$ -	\$	\$ -	\$	\$ 1,867,169	\$
35	Non-Coincident (90%)	\$ 23,399,758	\$	\$ 22,669,886	\$	\$ 23,866,585	\$	\$ 26,146,007	\$	\$ 23,280,474	\$	\$ 21,568,538	\$	\$ 264,868,233	\$
36	Maximum On-Peak Period Demand	\$ 3,817,384	\$	\$ 3,716,238	\$	\$ 4,027,229	\$	\$ 4,314,053	\$	\$ 1,059,786	\$	\$ 917,034	\$	\$ 27,976,621	\$
37	Maximum Demand at the Time of System Peak	\$ 310,825	\$	\$ 208,433	\$	\$ 174,032	\$	\$ 248,882	\$	\$ 53,791	\$	\$ 56,547	\$	\$ 1,453,183	\$
38	Agricultural	\$ 27,687,821	\$	\$ 26,755,860	\$	\$ 28,243,089	\$	\$ 30,885,737	\$	\$ 24,550,049	\$	\$ 22,674,412	\$	\$ 296,165,205	\$
39	Schedule PA-T-1 - Non-Coincident (100%)	\$ 179,322	\$	\$ 172,407	\$	\$ 191,211	\$	\$ 171,635	\$	\$ 164,915	\$	\$ 146,726	\$	\$ 1,832,755	\$
40	Street Lighting	\$ 242,540	\$	\$ 127,764	\$	\$ 216,865	\$	\$ 137,185	\$	\$ 207,463	\$	\$ 264,759	\$	\$ 2,381,377	\$
41	Standby Customers	\$ 870,776	\$	\$ 877,373	\$	\$ 894,928	\$	\$ 885,678	\$	\$ 892,240	\$	\$ 893,898	\$	\$ 10,595,107	\$
42	TOTAL	\$ 64,643,987	\$	\$ 62,852,123	\$	\$ 68,316,757	\$	\$ 73,271,944	\$	\$ 65,751,448	\$	\$ 59,105,275	\$	\$ 714,439,344	\$
43	Grand Total	\$ 59,588,522	\$	\$ 61,101,326	\$	\$ 67,827,801	\$	\$ 68,053,801	\$	\$ 55,389,415	\$	\$ 53,106,223	\$	\$ 672,705,231	\$

NOTES: The revenues above are derived by multiplying the forecast billing determinants by the rates, except for Med. & Lrg. C-1, Agricultural-PA-T-1-Non-Coincident (100%), and Standby customers. The derivation of these revenues are shown on pages 4.1-4.2, 5.1-5.2, 6, and 7.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
 Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015
Medium and Large Commercial & Industrial Customers

Line No.	Description	Winter Jan-15	Winter Feb-15	Winter Mar-15	Winter Apr-15	Summer May-15	Summer Jun-15	Summer Jul-15	Line No.
1	Energy Revenues								1
2	Commodity Sales - kWh	829,205,681	833,177,428	780,572,590	835,367,803	819,021,759	751,011,301	940,848,952	2
3	Commodity Rate - \$/kWh	-	-	-	-	-	-	-	3
4	Total Commodity Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4
5									5
6	Non-Coincident Demand (100%)(kW) 1:								6
7	Secondary	13,032	12,680	13,453	14,132	13,956	13,237	14,178	7
8	Primary	150	163	144	154	160	154	160	8
9	Transmission	-	-	-	-	-	-	-	9
10	Total	13,183	12,843	13,597	14,286	14,116	13,391	14,338	10
11	Check Figure	13,183	12,843	13,597	14,286	14,116	13,391	14,338	11
12	Difference	-	-	-	-	-	-	-	12
13									13
14	Non-Coincident Demand (100%) Rates (\$/kW):								14
15	Secondary	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	15
16	Primary	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	16
17	Transmission	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	17
18	Non-Coincident Demand (100%) - Revenues:								18
19	Secondary	\$ 145,353	\$ 141,423	\$ 150,045	\$ 157,616	\$ 155,654	\$ 147,638	\$ 158,128	19
20	Primary	\$ 1,619	\$ 1,755	\$ 1,547	\$ 1,656	\$ 1,722	\$ 1,653	\$ 1,726	20
21	Transmission	-	-	-	-	-	-	-	21
22	Subtotal	\$ 146,972	\$ 143,178	\$ 151,593	\$ 159,272	\$ 157,376	\$ 149,291	\$ 159,854	22
23									23
24	Non-Coincident Demand (90%)(kW) 2:								24
25	Secondary	1,666,538	1,583,673	1,605,300	1,745,694	1,624,834	1,641,830	1,814,393	25
26	Primary	323,453	401,781	301,157	345,740	366,675	202,782	406,560	26
27	Transmission	105,244	69,831	132,424	135,792	104,718	81,821	129,435	27
28	Total	2,095,235	2,055,285	2,038,881	2,227,226	2,096,227	1,926,433	2,350,388	28
29	Check Figure	2,095,235	2,055,285	2,038,881	2,227,226	2,096,227	1,926,433	2,350,388	29
30	Difference	-	-	-	-	-	-	-	30
31									31
32	Non-Coincident Demand (90%) Rates (\$/kW):								32
33	Secondary	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	33
34	Primary	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	34
35	Transmission	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	35
36	Non-Coincident Demand (90%) - Revenues:								36
37	Secondary	\$ 16,728,443	\$ 15,896,653	\$ 16,113,739	\$ 17,522,993	\$ 16,309,820	\$ 16,480,420	\$ 18,212,583	37
38	Primary	\$ 3,133,631	\$ 3,892,484	\$ 2,917,626	\$ 3,349,552	\$ 3,552,376	\$ 1,964,568	\$ 3,938,781	38
39	Transmission	\$ 1,015,075	\$ 673,514	\$ 1,277,227	\$ 1,309,706	\$ 1,009,997	\$ 789,164	\$ 1,248,394	39
40	Subtotal	\$ 20,877,149	\$ 20,462,650	\$ 20,308,591	\$ 22,182,250	\$ 20,872,192	\$ 19,234,152	\$ 23,399,758	40

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, DG-R, and A6-TOU.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015
Medium and Large Commercial & Industrial Customers

Line No.	Description	Summer	Summer	Summer	Winter	Winter	Total	Reference	Line No.
		Aug-15	Sep-15	Oct-15	Nov-15	Dec-15			
1	EnergY Revenues								
2	Commodity Sales - kWh	895,518,272	937,538,773	1,010,556,624	923,305,048	872,679,609	10,428,803,840	Pages 8.1 & 8.2; Line 5	1
3	Commodity Rate - \$/kWh	-	-	-	-	-	-	Not Applicable	2
4	Total Commodity Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 3	3
5									4
6	Non-Coincident Demand (100%) (kW) 1:								5
7	Secondary	14,107	15,511	15,691	13,860	11,726	165,565	Page 10; Line 37	6
8	Primary	182	208	166	131	141	1,914	Page 10; Line 38	7
9	Transmission	-	-	-	-	-	-	Page 10; Line 39	8
10	Total	14,290	15,720	15,857	13,992	11,866	167,478	Sum Lines 7; 8; 9	9
11	Check Figure	14,290	15,720	15,857	13,992	11,866	167,478	Pages 8.1 & 8.2; Line 6	10
12	Difference	-	-	-	-	-	-	Line 10 - Line 11	11
13									12
14	Non-Coincident Demand (100%) Rates (\$/kW):								13
15	Secondary	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536	\$ 11,153,1536		Statement BL - Retail TU; Page 1; Line 6D	14
16	Primary	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234	\$ 10,764,5234		Statement BL - Retail TU; Page 1; Line 6C	15
17	Transmission	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101	\$ 10,716,6101		Statement BL - Retail TU; Page 1; Line 6B	16
18	Non-Coincident Demand (100%) - Revenues:								17
19	Secondary	\$ 157,341	\$ 173,000	\$ 175,007	\$ 154,583	\$ 130,779	\$ 1,846,567	Line 7 x Line 15	18
20	Primary	\$ 1,962	\$ 2,244	\$ 1,788	\$ 1,415	\$ 1,514	\$ 20,601	Line 8 x Line 16	19
21	Transmission	-	-	-	-	-	-	Line 9 x Line 17	20
22	Subtotal	\$ 159,304	\$ 175,244	\$ 176,794	\$ 155,999	\$ 132,293	\$ 1,867,169	Sum Lines 19; 20; 21	21
23									22
24	Non-Coincident Demand (90%) (kW) 2:								23
25	Secondary	1,790,128	1,886,511	2,027,948	1,720,747	1,643,008	20,750,603	Page 10; Line 43	24
26	Primary	359,059	397,809	481,535	478,528	363,489	4,428,567	Page 10; Line 44	25
27	Transmission	126,728	111,571	116,605	142,238	161,202	1,417,609	Page 10; Line 45	26
28	Total	2,275,915	2,395,890	2,626,088	2,341,513	2,167,699	26,596,779	Sum Lines 25; 26; 27	27
29	Check Figure	2,275,915	2,395,890	2,626,088	2,341,513	2,167,699	26,596,779	Pages 8.1 & 8.2; Line 7	28
30	Difference	-	-	-	-	-	-	Line 28 - Line 29	29
31									30
32	Non-Coincident Demand (90%) Rates (\$/kW):								31
33	Secondary	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382	\$ 10,037,8382		Statement BL - Retail TU; Page 1; Line 8D	32
34	Primary	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710	\$ 9,688,0710		Statement BL - Retail TU; Page 1; Line 8C	33
35	Transmission	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491	\$ 9,644,9491		Statement BL - Retail TU; Page 1; Line 8B	34
36	Non-Coincident Demand (90%) - Revenues:								35
37	Secondary	\$ 17,969,016	\$ 18,936,488	\$ 20,356,216	\$ 17,272,575	\$ 16,492,253	\$ 208,291,198	Line 25 x Line 33	36
38	Primary	\$ 3,478,588	\$ 3,854,001	\$ 4,665,143	\$ 4,636,017	\$ 3,521,504	\$ 42,904,271	Line 26 x Line 34	37
39	Transmission	\$ 1,222,281	\$ 1,076,096	\$ 1,124,648	\$ 1,371,881	\$ 1,554,781	\$ 13,672,764	Line 27 x Line 35	38
40	Subtotal	\$ 22,669,886	\$ 23,866,585	\$ 26,146,007	\$ 23,280,474	\$ 21,568,538	\$ 264,868,233	Sum Lines 37; 38; 39	39

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, DG-R, and A6-TOU.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015
Medium and Large Commercial & Industrial Customers

Line No.	Description	Winter Jan-15	Winter Feb-15	Winter Mar-15	Winter Apr-15	Summer May-15	Summer Jun-15	Summer Jul-15	Line No.
1	Maximum On-Peak Period Demand (kW)¹:								1
2	Secondary	1,339,466	1,266,479	1,298,945	1,453,102	1,401,312	1,539,142	1,711,805	2
3	Primary	306,045	382,832	280,801	293,816	369,357	238,822	377,016	3
4	Transmission	19,935	(42,287)	77,420	71,497	42,604	29,690	36,078	4
5	Total	1,665,447	1,607,023	1,657,166	1,818,416	1,813,273	1,807,654	2,124,900	5
6	Check Figure	1,665,447	1,607,023	1,657,166	1,818,416	1,813,273	1,807,654	2,124,900	6
7	Difference	-	-	-	-	-	-	-	7
8									8
9	Maximum On-Peak Period Demand Rates (\$/kW):								9
10	Secondary	\$ 0.5401502	\$ 0.5401502	\$ 0.5401502	\$ 0.5401502	\$ 1.808862	\$ 1.808862	\$ 1.808862	10
11	Primary	\$ 0.5213287	\$ 0.5213287	\$ 0.5213287	\$ 0.5213287	\$ 1.7458558	\$ 1.7458558	\$ 1.7458558	11
12	Transmission	\$ 0.5190082	\$ 0.5190082	\$ 0.5190082	\$ 0.5190082	\$ 1.7380850	\$ 1.7380850	\$ 1.7380850	12
13	Maximum On-Peak Period Demand - Revenues:								13
14	Secondary	\$ 723,513	\$ 684,089	\$ 701,625	\$ 784,893	\$ 2,534,814	\$ 2,784,133	\$ 3,096,461	14
15	Primary	\$ 159,550	\$ 199,581	\$ 146,390	\$ 153,175	\$ 644,845	\$ 416,948	\$ 658,216	15
16	Transmission	\$ 10,347	\$ (21,947)	\$ 40,182	\$ 37,108	\$ 74,049	\$ 51,603	\$ 62,707	16
17	Subtotal	\$ 893,410	\$ 861,722	\$ 888,196	\$ 975,176	\$ 3,253,707	\$ 3,252,685	\$ 3,817,384	17
18									18
19	Maximum Demand at the Time of System Peak (kW)²:								19
20	Secondary	-	-	-	-	-	-	-	20
21	Primary	11,672	10,774	10,634	12,384	9,342	(14,722)	51,108	21
22	Transmission	63,692	66,862	72,832	73,399	57,213	52,741	96,124	22
23	Total	75,364	77,636	83,466	85,783	66,555	38,019	147,232	23
24	Check Figure	75,364	77,636	83,466	85,783	66,555	38,019	147,232	24
25	Difference	-	-	-	-	-	-	-	25
26									26
27	Maximum Demand at the Time of System Peak Rates (\$/kW):								27
28	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	28
29	Primary	\$ 0.5616471	\$ 0.5616471	\$ 0.5616471	\$ 0.5616471	\$ 2.1172730	\$ 2.1172730	\$ 2.1172730	29
30	Transmission	\$ 0.5591471	\$ 0.5591471	\$ 0.5591471	\$ 0.5591471	\$ 2.1078490	\$ 2.1078490	\$ 2.1078490	30
31	Maximum Demand at the Time of System Peak - Revenues:								31
32	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	32
33	Primary	\$ 6,555	\$ 6,051	\$ 5,973	\$ 6,955	\$ 19,779	\$ (31,170)	\$ 108,209	33
34	Transmission	\$ 35,613	\$ 37,386	\$ 40,724	\$ 41,041	\$ 120,596	\$ 111,170	\$ 202,616	34
35	Subtotal	\$ 42,169	\$ 43,437	\$ 46,697	\$ 47,996	\$ 140,375	\$ 80,000	\$ 310,825	35
36									36
37	Revenues at Changed Rates:								37
38	Secondary	\$ 17,597,309	\$ 16,722,164	\$ 16,965,409	\$ 18,465,502	\$ 19,000,287	\$ 19,412,192	\$ 21,467,172	38
39	Primary	\$ 3,301,356	\$ 4,099,871	\$ 3,071,535	\$ 3,511,338	\$ 4,218,721	\$ 2,351,999	\$ 4,706,932	39
40	Transmission	\$ 1,061,035	\$ 688,952	\$ 1,358,132	\$ 1,387,854	\$ 1,204,642	\$ 951,938	\$ 1,513,717	40
41	Total	\$ 21,959,700	\$ 21,510,987	\$ 21,395,076	\$ 23,364,694	\$ 24,423,650	\$ 22,716,129	\$ 27,687,821	41
42									42
43	Total Revenues at Changed Rates	\$ 21,959,700	\$ 21,510,987	\$ 21,395,076	\$ 23,364,694	\$ 24,423,650	\$ 22,716,129	\$ 27,687,821	43

NOTES:
 1 Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, and DG-R.
 2 Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Derivation of Monthly Retail Cost of Service
Revenues for True-Up Period Using Retail Rates Developed in Statement BL
For True-Up Period January 1, 2015 - December 31, 2015
Medium and Large Commercial & Industrial Customers

Line No.	Description	Summer Aug-15	Summer Sep-15	Summer Oct-15	Winter Nov-15	Winter Dec-15	Total	Reference
1	Maximum On-Peak Period Demand (kW):¹							
2	Secondary	1,673,495	1,786,025	1,928,261	1,462,056	1,305,784	18,165,873	Page 10; Line 17
3	Primary	365,772	428,495	466,770	460,272	325,307	4,295,307	Page 10; Line 18
4	Transmission	29,050	27,860	6,407	58,001	81,157	437,412	Page 10; Line 19
5	Total	2,068,316	2,242,380	2,401,438	1,980,329	1,712,251	22,898,592	Sum Lines 2; 3; 4
6	Check Figure	2,068,316	2,242,380	2,401,438	1,980,329	1,712,251	22,898,592	Pages 8.1 & 8.2; Line 8
7	Difference	-	-	-	-	-	-	Line 5 - Line 6
8								
9	Maximum On-Peak Period Demand Rates (\$/kW):							
10	Secondary	\$ 1,808,862	\$ 1,808,862	\$ 1,808,862	\$ 0,540,502	\$ 0,540,502		Statement BL-Retail TU; Page 1; Line 11D; 12D
11	Primary	\$ 1,745,858	\$ 1,745,858	\$ 1,745,858	\$ 0,521,328	\$ 0,521,328		Statement BL-Retail TU; Page 1; Line 11C; 12C
12	Transmission	\$ 1,738,085	\$ 1,738,085	\$ 1,738,085	\$ 0,519,082	\$ 0,519,082		Statement BL-Retail TU; Page 1; Line 11B; 12B
13	Maximum On-Peak Period Demand - Revenues:							
14	Secondary	\$ 3,027,161	\$ 3,230,716	\$ 3,488,004	\$ 789,730	\$ 705,320	22,550,460	Line 2 x Line 10
15	Primary	638,585	748,090	814,913	239,933	169,593	4,989,839	Line 3 x Line 11
16	Transmission	50,491	48,423	11,136	30,103	42,121	436,322	Line 4 x Line 12
17	Subtotal	\$ 3,716,238	\$ 4,027,229	\$ 4,314,053	\$ 1,059,786	\$ 917,034	\$ 27,976,621	Sum Lines 14; 15; 16
18								
19	Maximum Demand at the Time of System Peak (kW):²							
20	Secondary	-	-	-	-	-	B2	
21	Primary	13,295	11,304	16,367	9,350	14,412	155,918	Page 10; Line 30
22	Transmission	85,530	71,209	101,634	86,810	86,656	914,703	Page 10; Line 31
23	Total	98,825	82,513	118,001	96,160	101,067	1,070,620	Page 10; Line 32
24	Check Figure	98,825	82,513	118,001	96,160	101,067	1,070,620	Sum Lines 20; 21; 22
25	Difference	-	-	-	-	-	-	Pages 8.1 & 8.2; Line 9
26								Line 23 - Line 24
27	Maximum Demand at the Time of System Peak Rates (\$/kW):							
28	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -		Statement BL-Retail TU; Page 1; Line 15D; 16D
29	Primary	\$ 2,117,730	\$ 2,117,730	\$ 2,117,730	\$ 0,561,671	\$ 0,561,671		Statement BL-Retail TU; Page 1; Line 15C; 16C
30	Transmission	\$ 2,107,849	\$ 2,107,849	\$ 2,107,849	\$ 0,559,147	\$ 0,559,147		Statement BL-Retail TU; Page 1; Line 15B; 16B
31	Maximum Demand at the Time of System Peak - Revenues:							
32	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -		Line 20 x Line 28
33	Primary	28,148	23,933	34,654	5,251	8,094	222,433	Line 21 x Line 29
34	Transmission	180,285	150,099	214,228	48,540	48,453	1,230,750	Line 22 x Line 30
35	Subtotal	\$ 208,433	\$ 174,032	\$ 248,882	\$ 53,791	\$ 56,547	\$ 1,453,183	Sum Lines 32; 33; 34
36								
37	Revenues at Changed Rates:							
38	Secondary	\$ 21,153,519	\$ 22,340,204	\$ 24,019,227	\$ 18,216,888	\$ 17,328,351	232,688,225	Page 4.2 (Lines 19;37) + Page 5.2 (Lines 14;32)
39	Primary	4,147,284	4,628,268	5,516,497	4,882,637	3,700,705	48,137,144	Page 4.2 (Lines 20;38) + Page 5.2 (Lines 15;33)
40	Transmission	1,453,057	1,274,617	1,350,013	1,450,523	1,645,355	15,339,836	Page 4.2 (Lines 21;39) + Page 5.2 (Lines 16;34)
41	Total	\$ 26,753,860	\$ 28,243,089	\$ 30,885,737	\$ 24,550,048	\$ 22,674,411	\$ 296,165,205	Sum Lines 38; 39; 40
42								
43	Total Revenues at Changed Rates	\$ 26,753,860	\$ 28,243,089	\$ 30,885,737	\$ 24,550,048	\$ 22,674,411	\$ 296,165,205	See Line 41

NOTES:
1 Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, and DG-R.
2 Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
 Derivation of Monthly Retail Cost of Service
 Revenues for True-Up Period Using Retail Rates Developed in Statement BL
 For True-Up Period January 1, 2015 - December 31, 2015
 Agricultural Customers

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference ²	Line No.
1	<u>Energy Revenues:</u>															
2	Commodity Sales - kWh	12,506,421	16,555,379	15,366,852	19,457,062	16,045,251	15,865,512	19,153,571	44,308,554	17,339,281	25,994,810	12,178,160	18,424,971	233,195,804	Page 9.3; Line 117 X 1000	1
3	Commodity Rate - \$/kWh														Not Applicable	2
4	Total Commodity Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 3	3
5																4
6	<u>Non-Concident Demand (100% (kW)):</u>															
7	Secondary	62,062	56,846	56,489	64,834	60,074	59,757	65,780	67,967	64,361	67,261	48,006	67,122	740,561	Page 9.3; Line 135 X 1000	6
8	Primary	(14,891)	9,778	9,157	9,492	5,401	7,455	7,412	54,493	6,353	28,246	10,793	15,166	148,855	Page 9.3; Line 136 X 1000	7
9	Transmission														Page 9.3; Line 137 X 1000	8
10	Total	47,171	66,624	65,647	74,326	65,475	67,212	73,192	122,460	70,715	95,507	58,800	82,287	889,416	Sum Lines 7; 8; 9	9
11	Check Figure	47,171	66,624	65,647	74,326	65,475	67,212	73,192	122,460	70,715	95,507	58,800	82,287	889,416	Pages 8.1 & 8.2; Line 13; Col. Demand	10
12	Difference														Line 10 Less Line 11	11
13																12
14	<u>Non-Concident Demand (100%)</u>															13
15	Rate (\$/kW):															14
16	Secondary	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	\$ 5,291,6518	Statement BL-Retail; Page 1; Line 21; Col. D	15
17	Primary	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	\$ 5,107,2648	Statement BL-Retail; Page 1; Line 21; Col. C	16
18	Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Statement BL-Retail; Page 1; Line 21; Col. B	17
19	<u>Non-Concident Demand (100%) -</u>															18
20	Revenues at Changed Rates:															19
21	Secondary	\$ 328,410	\$ 300,811	\$ 298,923	\$ 343,081	\$ 317,891	\$ 316,214	\$ 348,085	\$ 359,658	\$ 340,578	\$ 355,924	\$ 254,033	\$ 355,184	\$ 3,918,791	Line 7 x Line 16	20
22	Primary	(76,050)	49,939	46,768	48,477	27,582	38,073	37,853	278,312	32,448	144,260	55,125	77,454	760,241	Line 8 x Line 17	21
23	Transmission														Line 9 x Line 18	22
24	Subtotal	\$ 252,359	\$ 350,749	\$ 345,691	\$ 391,558	\$ 345,473	\$ 354,287	\$ 385,938	\$ 637,970	\$ 373,026	\$ 500,184	\$ 309,158	\$ 432,638	\$ 4,679,032	Sum Lines 21; 22; 23	23

NOTES:

- 1 Non-Concident Demand (NCD) (100%) rates applicable to the following California Public Utilities Commission (CPUC) tariff: Schedule PA-T-1.
- 2 Reference data found in Retail True-Up Statements BG and BL.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
 Derivation of Monthly Retail Cost of Service
 Revenues for True-Up Period Using Retail Rates Developed in Statement BL
 For True-Up Period January 1, 2015 - December 31, 2015
 Standby Customers

Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Demand - Billing Determinants (kW):														
2	Secondary	9,542	9,542	8,944	8,944	8,969	9,103	9,041	8,892	8,813	8,813	9,665	9,776	110,043	Page 9, 3; Line 144 X 1000
3	Primary	102,094	102,069	102,060	102,052	102,057	98,984	97,591	99,087	102,464	99,190	99,412	99,403	1,206,423	Page 9, 3; Line 145 X 1000
4	Transmission	58,810	58,726	58,757	58,799	58,189	58,217	60,904	60,832	60,916	62,416	62,572	62,789	721,930	Page 9, 3; Line 146 X 1000
5	Total	170,446	170,337	169,761	169,775	169,195	166,304	167,536	168,811	172,193	170,419	171,652	171,968	2,038,396	Sum Lines 2, 3, 4
6	Check Figure	170,446	170,337	169,761	169,775	169,195	166,304	167,536	168,811	172,193	170,419	171,652	171,968	2,038,396	Pages 8.1 & 8.2; Line 19
7	Difference														Line 5 Less Line 6
8															
9	Demand Rates (\$/kW):														
10	Secondary	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 5,383,414	\$ 592,409	Statement BL-Retail; Page 1; Line 25; Col. D
11	Primary	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 5,195,829	\$ 6,268,369	Statement BL-Retail; Page 1; Line 25; Col. C
12	Transmission	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 5,172,703	\$ 3,734,330	Statement BL-Retail; Page 1; Line 25; Col. B
13															
14	Revenues at Changed Rates:														
15	Secondary	\$ 51,369	\$ 51,369	\$ 48,149	\$ 48,149	\$ 48,284	\$ 49,005	\$ 48,671	\$ 47,868	\$ 47,442	\$ 47,444	\$ 52,031	\$ 52,628	\$ 592,409	Line 2 x Line 10
16	Primary	\$ 530,463	\$ 530,333	\$ 530,286	\$ 530,141	\$ 530,167	\$ 514,304	\$ 507,066	\$ 514,839	\$ 522,386	\$ 515,374	\$ 516,528	\$ 516,481	\$ 6,268,369	Line 3 x Line 11
17	Transmission	\$ 304,207	\$ 303,772	\$ 303,933	\$ 304,150	\$ 300,994	\$ 301,139	\$ 315,038	\$ 314,666	\$ 315,000	\$ 322,859	\$ 323,682	\$ 324,789	\$ 3,734,330	Line 4 x Line 12
18	Total	\$ 886,038	\$ 885,474	\$ 882,368	\$ 882,440	\$ 879,445	\$ 864,448	\$ 870,776	\$ 877,373	\$ 894,928	\$ 885,678	\$ 892,240	\$ 893,898	\$ 10,595,107	Sum Lines 15; 16; 17
19															
20	Total Revenues at Changed Rates	\$ 886,038	\$ 885,474	\$ 882,368	\$ 882,440	\$ 879,445	\$ 864,448	\$ 870,776	\$ 877,373	\$ 894,928	\$ 885,678	\$ 892,240	\$ 893,898	\$ 10,595,107	Line 18

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Transmission Revenue Data to Reflect Changed Rates
Recorded Billing Determinants
True-Up Period January 1, 2015 to December 31, 2015

Line No.	Customer Classes	12 Months to Date Billing Determinants		Reference	Line No.
		Energy (kWh)	Demand (kW)		
1	Residential Customers	7,151,816,309		Page 8.2; Col. M; Line 1	1
2					2
3	Small Commercial	1,923,965,218		Page 8.2; Col. M; Line 3	3
4					4
5	Medium-Large Commercial	10,428,803,840		Page 8.2; Col. M; Line 5	5
6	Non-Coincident (100%) ¹		167,478	Page 8.2; Col. M; Line 6	6
7	Non-Coincident (90%) ²		26,596,779	Page 8.2; Col. M; Line 7	7
8	Maximum On-Peak Period Demand ³		22,898,592	Page 8.2; Col. M; Line 8	8
9	Maximum Demand at the Time of System Peak ⁴		1,070,620	Page 8.2; Col. M; Line 9	9
10					10
11	Agricultural				11
12	Schedule PA and TOU-PA	91,341,699		Page 8.2; Col. M; Line 12	12
13	Schedule PA-T-1 - Non-Coincident (100%)	233,195,804	889,416	Page 8.2; Col. M; Line 13	13
14					14
15	Street Lighting	89,641,335		Page 8.2; Col. M; Line 15	15
16					16
17	Sale for Resale ⁵	30,513		Page 8.2; Col. M; Line 17	17
18					18
19	Standby Customers		2,038,396	Page 8.2; Col. M; Line 19	19
20					20
21	TOTAL	19,918,764,205	53,661,282	Sum Lines 1 to 15 + Line 19	21

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, DG-R, and A6-TOU.
- ³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, and DG-R.
- ⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.
- ⁵ Sale for Resale represents the City of Escondido which is a wholesale customer thus excluded.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
Transmission Revenue Data to Reflect Changed Rates
Recorded Billing Determinants
True-Up Period January 1, 2015 to December 31, 2015

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Line No.
		Billing Determinants	Demand (kW)	Billing Determinants	Demand (kW)	Billing Determinants	Demand (kW)	Billing Determinants	Demand (kW)	Billing Determinants	Demand (kW)	Billing Determinants	Demand (kW)	
1	Residential Customers	654,946,809		535,798,244		523,755,011		500,457,028		505,583,138		510,494,276		1
2														2
3	Small Commercial	158,996,758		145,288,076		152,622,698		157,569,514		148,065,197		150,825,939		3
4														4
5	Medium-Large Commercial	829,205,681		833,177,428		780,572,590		835,367,803		819,021,759		751,011,301		5
6	Non-Coincident (100%) ¹		13,183		12,843		13,597		14,286		14,116		13,391	6
7	Non-Coincident (90%) ²		2,095,235		2,055,285		2,038,881		2,227,226		2,096,227		1,926,433	7
8	Maximum On-Peak Period Demand ³		1,665,447		1,607,023		1,657,166		1,818,416		1,813,273		1,807,654	8
9	Maximum Demand at the Time of System Peak ⁴		75,364		77,636		83,466		85,783		66,555		38,019	9
10														10
11	Agricultural													11
12	Schedule PA and TOU-PA	4,831,195		6,129,852		5,932,939		7,996,627		7,518,836		7,787,178		12
13	Schedule PA-T-1 - Non-Coincident (100%)	12,506,421		16,555,379		15,366,852		19,457,062		16,045,251		15,865,512		13
14			47,171		66,624		65,647		74,326		65,475		67,212	14
15	Street Lighting	5,423,418		10,806,555		7,850,608		8,589,040		4,866,573		7,062,850		15
16														16
17	Sale for Resale	7,458		460		3,395		6,764		4,492		574		17
18														18
19	Standby Customers		170,446		170,337		169,761		169,775		169,195		166,304	19
20														20
21	TOTAL	1,665,917,740		1,547,755,994		1,486,104,093		1,529,443,838		1,501,105,246		1,443,047,630		21

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, DG-R, and A6-TOU.
- ³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, and DG-R.
- ⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.

Statement BG
SAN DIEGO GAS AND ELECTRIC COMPANY
 Transmission Revenue Data to Reflect Changed Rates
 Recorded Billing Determinants
 True-Up Period: January 1, 2015 to December 31, 2015

Line No.	Customer Classes	(G) Jul-15 Billing Determinants		(H) Aug-15 Billing Determinants		(I) Sep-15 Billing Determinants		(J) Oct-15 Billing Determinants		(K) Nov-15 Billing Determinants		(L) Dec-15 Billing Determinants		(M) Total 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	599,361,586		654,903,690		777,855,363		721,102,994		585,653,853		581,904,317		7,151,816,309		1
2		169,257,114		171,789,464		184,457,379		179,856,350		158,275,833		146,960,896		1,923,965,218		2
3	Small Commercial		14,338		15,720		15,857		13,992		11,866		10,428,803,840		167,478	3
4	Medium-Large Commercial		2,350,388		2,275,915		2,395,890		2,626,088		2,341,513		2,167,699		26,596,779	4
5	Non-Coincident (100%) ¹		2,124,900		2,068,316		2,242,380		2,401,438		1,980,329		1,712,251		22,898,592	5
6	Non-Coincident (90%) ²		147,232		98,825		82,513		118,001		96,160		101,067		1,070,620	6
7	Maximum On-Peak Period Demand ³															7
8	Maximum Demand at the Time of System Peak ⁴															8
9	Agricultural															9
10	Schedule PA and TOU-PA	8,937,155		8,592,521		9,529,687		8,554,037		8,219,097		7,312,575		91,341,699		10
11	Schedule PA-T-1 - Non-Coincident (100%)	19,153,571	73,192	44,308,534	122,460	17,339,281	70,715	25,994,810	95,507	12,178,160	58,800	18,424,971	82,287	233,195,804	889,416	11
12																12
13	Street Lighting	9,129,845		4,809,371		8,163,389		5,164,003		7,809,458		9,966,225		89,641,335		13
14																14
15	Sale for Resale	1,533		535		536		525		565		3,676		30,513		15
16																16
17	Standby Customers		167,536		168,811		172,193		170,419		171,652		171,968		2,038,396	17
18																18
19	TOTAL	1,746,689,756		1,779,922,387		1,934,884,408		1,951,229,343		1,695,442,014		1,637,252,269		19,918,794,718		19
20																20
21																21

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, DG-R, and AG-TOU.
³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, and DG-R.
⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.

Statement BG													
San Diego Gas & Electric													
FERC Recorded Sales Period: January 2015 - December 2015													
Line No.	Winter	Winter	Winter	Summer	Summer	Summer	Summer	Summer	Summer	Winter	Winter	Total	
Line No.	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
1	SDG&E: System Delivery Determinants												
2	Customer Class Deliveries (MWh)												
3	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	721,103	585,654	581,904	7,151,816
4	158,997	145,288	152,623	157,570	148,065	150,826	169,257	171,789	184,457	179,856	158,276	146,961	1,923,965
5	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
6	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
7	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
8	4,831	6,130	5,933	7,997	7,519	7,787	8,937	8,593	9,530	8,554	8,219	7,313	91,342
9	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
10	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	5,164	7,809	9,966	89,641
11	7.5	0.5	3.4	6.8	4.5	0.6	1.5	0.5	0.5	0.5	0.6	3.7	30.5
12	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,779,922	1,934,884	1,951,229	1,695,442	1,637,252	19,918,795
13	Med. & Large Comm./Ind.												
14	Rate Schedule Billing Determinants												
15	Schedule AD:												
16	Total Deliveries (MWh)												
17	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
18	Total Deliveries (%)												
19	97.82%	97.82%	97.62%	97.72%	97.72%	97.56%	97.83%	97.79%	97.53%	97.98%	98.08%	97.40%	97.74%
20	2.18%	2.18%	2.38%	2.28%	2.28%	2.44%	2.17%	2.21%	2.47%	2.02%	1.92%	2.60%	2.26%
21	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	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	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128
24	70	66	73	73	73	74	72	77	92	74	62	74	880
25	0	0	0	0	0	0	0	0	0	0	0	0	0
26	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
27	Non-Coincident Demand (%)												
28	0.4139%	0.4290%	0.4498%	0.4504%	0.4489%	0.4466%	0.4359%	0.4159%	0.4248%	0.4371%	0.4367%	0.4245%	0.4342%
29	0.2144%	0.2475%	0.1971%	0.2102%	0.2205%	0.2071%	0.2223%	0.2378%	0.2254%	0.2244%	0.2116%	0.1907%	0.2175%
30	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%
31	13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565
32	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914
33	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
34	13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.720	15.857	13.992	11.866	167.478
35	Non-Coincident Demand (MW)												
36	Schedules AL-TOU / AY-TOU / DG-R:												
37	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
38	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%
39	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%
40	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%
41	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%
42	Total Deliveries (MWh)												
43	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
44	Total Deliveries (%)												
45	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%
46	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%
47	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%
48	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	Total Deliveries (MW)												
50	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128
51	70	66	73	73	73	74	72	77	92	74	62	74	880
	0	0	0	0	0	0	0	0	0	0	0	0	0
	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008

Statement BG		San Diego Gas & Electric												
FERC Recorded Sales Period: January 2015 - December 2015														
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
52	Total Deliveries (MWh)	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474
53	MWh @ Secondary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312
54	MWh @ Primary Service	7,228	-1,706	23,355	17,068	6,210	7,931	12,283	10,517	-8,332	27,567	49,276	167,129	
55	MWh @ Transmission Service	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
56	Non-Coincident Demand (%)	0.2726%	0.2756%	0.2882%	0.2834%	0.2835%	0.2814%	0.2706%	0.2732%	0.2741%	0.2787%	0.2827%	0.2782%	0.2783%
57	% @ Secondary Service	0.2109%	0.1924%	0.2153%	0.2399%	0.2104%	0.1644%	0.2149%	0.2092%	0.2161%	0.2183%	0.2164%	0.2043%	0.2098%
58	% @ Primary Service	0.2224%	0.3224%	0.1550%	0.2163%	0.1659%	0.1803%	0.2274%	0.2054%	0.2073%	0.0377%	0.1613%	0.1310%	0.1747%
59	% @ Transmission Service	1,666,538	1,583,673	1,605,300	1,745,694	1,624,834	1,641,830	1,814,393	1,790,128	1,886,511	2,027,948	1,720,747	1,643,008	20,750,603
60	Non-Coincident Demand (MW)	300,069	389,513	288,162	325,723	360,115	204,066	355,199	339,785	383,904	450,667	464,349	337,707	4,199,259
61	MW @ Secondary Service	16,075	-5,500	36,200	36,918	26,100	11,197	18,035	25,230	21,802	-3,141	44,465	64,551	291,932
62	MW @ Primary Service	1,982,683	1,967,686	1,929,661	2,108,335	2,011,049	1,857,092	2,187,627	2,155,143	2,292,217	2,475,474	2,229,561	2,045,267	25,241,794
63	MW @ Transmission Service	0.2191%	0.2204%	0.2332%	0.2359%	0.2445%	0.2638%	0.2553%	0.2554%	0.2595%	0.2650%	0.2402%	0.2211%	0.2436%
64	% @ Secondary Service	0.2151%	0.1891%	0.2098%	0.2164%	0.2158%	0.1924%	0.2281%	0.2252%	0.2412%	0.2261%	0.2145%	0.1968%	0.2146%
65	% @ Primary Service	0.2758%	2.4790%	0.3315%	0.4189%	0.2708%	0.4781%	0.4549%	0.2365%	0.2649%	-0.0769%	0.2104%	0.1647%	0.2617%
66	Maximum On-Peak Period Demand (MW)	1,339,466	1,266,479	1,298,945	1,453,102	1,401,312	1,539,142	1,711,805	1,673,495	1,786,025	1,928,261	1,462,056	1,305,784	18,165,873
67	On-Peak Demand (MW)	306,045	382,832	280,801	293,816	369,357	238,822	377,016	365,772	428,495	466,770	460,272	325,309	4,295,307
68	MW @ Secondary Service	19,935	-42,287	77,420	71,497	42,604	29,690	36,078	29,050	27,860	6,407	58,001	81,157	437,412
69	MW @ Primary Service	1,665,447	1,607,023	1,657,166	1,818,416	1,813,273	1,807,654	2,124,900	2,068,316	2,242,380	2,401,438	1,980,329	1,712,251	22,898,592
70	MW @ Transmission Service													
71														
72														
73														
74														
75														
76														
77														
78														
79														
80	Schedule A6-TOU:													
81	Total Deliveries (MWh)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
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%
83	% @ Primary Service	15.33%	15.07%	12.64%	16.20%	9.77%	-21.10%	33.80%	15.14%	16.19%	15.76%	13.95%	17.81%	15.57%
84	% @ Transmission Service	84.67%	84.93%	87.36%	83.80%	90.23%	121.10%	66.20%	84.86%	83.81%	84.24%	86.05%	82.19%	84.43%
85	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
86	MWh @ Secondary Service	9,984	8,256	8,002	10,260	5,453	-7,213	31,705	9,402	9,288	12,787	9,659	11,520	119,103
87	MWh @ Primary Service	55,145	46,529	55,302	53,072	50,364	41,398	62,096	52,699	48,082	68,348	59,581	53,163	645,778
88	MWh @ Transmission Service	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
89	Non-Coincident Demand (%)	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%
90	% @ Secondary Service	0.2342%	0.1486%	0.1624%	0.1951%	0.1203%	0.0178%	0.1620%	0.2050%	0.1497%	0.2414%	0.1468%	0.2238%	0.1925%
91	% @ Primary Service	0.1617%	0.1619%	0.1740%	0.1863%	0.1561%	0.1706%	0.1794%	0.1926%	0.1867%	0.1752%	0.1641%	0.1818%	0.1743%
92	% @ 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%
93	Non-Coincident Demand (MW)	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
94	MW @ Secondary Service	23,383	12,269	12,994	20,017	6,560	-1,284	51,361	19,274	13,904	30,868	14,179	25,782	229,308
95	MW @ Primary Service	89,169	75,330	96,225	98,874	78,618	70,625	111,400	101,498	89,769	119,746	97,773	96,650	1,125,676
96	MW @ Transmission Service	112,552	87,599	109,219	118,891	85,178	69,341	162,761	120,772	103,673	150,613	111,952	122,432	1,354,985
97														
98														
99														
100														
101														
102														

Statement BG													
San Diego Gas & Electric													
FERC Recorded Sales Period: January 2015 - December 2015													
Line No.	Line												Line No.
	Winter	Winter	Winter	Summer	Summer	Summer	Summer	Summer	Summer	Summer	Summer	Summer	Total
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
103	Coincident Peak Demand (%)												
104	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%
105	0.1169%	0.1305%	0.1329%	0.1207%	0.1713%	0.2041%	0.1612%	0.1414%	0.1217%	0.1280%	0.0968%	0.1251%	0.1309%
106	0.1155%	0.1437%	0.1317%	0.1383%	0.1136%	0.1274%	0.1548%	0.1623%	0.1481%	0.1487%	0.1457%	0.1630%	0.1416%
107	Coincident Demand at Time of System of Peak												
108	Coincident Peak Demand (MW)												
109	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
110	11.672	10.774	10.634	12.384	9.342	-14.722	51.108	13.295	11.304	16.367	9.350	14.412	155.918
111	63.692	66.862	72.832	73.399	57.213	52.741	96.124	85.530	71.209	101.634	86.810	86.656	914.703
112	75.364	77.636	83.466	85.783	66.555	38.019	147.232	98.825	82.513	118.001	96.160	101.067	1,070.620
113													
114													
115													
116	Schedule PA-T-1:												
117	Total Deliveries (MWh)												
118	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
119	Total Deliveries (%)												
120	94.63%	78.27%	83.89%	86.55%	98.14%	90.28%	92.57%	40.24%	99.97%	67.33%	85.64%	82.87%	77.48%
121	5.37%	21.73%	16.11%	13.45%	1.86%	9.72%	7.43%	59.76%	0.03%	32.67%	14.36%	17.13%	22.52%
122	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%
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%
124	Total Deliveries (MWh)												
125	11,835	12,958	12,891	16,840	15,747	14,323	17,730	17,830	17,334	17,502	10,429	15,269	180,689
126	672	3,597	2,476	2,617	298	1,542	1,423	26,479	5	8,493	1,749	3,156	52,507
127	0	0	0	0	0	0	0	0	0	0	0	0	0
128	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
129	Non-Coincident Demand (%)												
130	0.5244%	0.4387%	0.4382%	0.3850%	0.3815%	0.4172%	0.3710%	0.3812%	0.3713%	0.3843%	0.4603%	0.4396%	0.4099%
131	-2.2172%	0.2718%	0.3699%	0.3627%	1.8096%	0.4834%	0.5208%	0.2058%	122.1367%	0.3326%	0.6172%	0.4805%	0.2835%
132	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%
133													
134	Non-Coincident Demand (MW)												
135	62.062	56.846	56.489	64.834	60.074	59.757	65.780	67.967	64.361	67.261	48.006	67.122	740.561
136	-14.891	9.778	9.157	9.492	5.401	7.455	7.412	54.493	6.353	28.246	10.793	15.166	148.855
137	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
138	47.171	66.624	65.647	74.326	65.475	67.212	73.192	122.460	70.715	95.507	58.800	82.287	889.416
139													
140													
141													
142	Schedule S: Standby Determinants:												
143	Contracted Standby Demand (MW)												
144	9.542	9.542	8.944	8.944	8.969	9.103	9.041	8.892	8.813	8.813	9.665	9.776	110.043
145	102.094	102.069	102.060	102.032	102.037	98.984	97.591	99.087	102.464	99.190	99.412	99.403	1,206.423
146	58.810	58.726	58.757	58.799	58.189	58.217	60.904	60.832	60.916	62.416	62.575	62.789	721.930
147	170.446	170.337	169.761	169.775	169.195	166.304	167.536	168.811	172.193	170.419	171.652	171.968	2,038.396
148													
149													
150													

Statement BG														Line
San Diego Gas & Electric Company														Reference
FERC Recorded Sales Period: January 2015 - December 2015														
Line No.	Schedule AD: Non-Coincident Demand (MW) - 100%	Winter		Summer		Summer		Summer		Summer		Winter		Total
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	
1														
2														
3														
4		13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565
5	MW @ Secondary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914
6	MW @ Primary 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
7	MW @ Transmission Service	13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.720	15.857	13.992	11.866	167.478
8	Sub-Total													
9														
10														
11	Schedule AL-TOU / AY-TOU / DG-R:													
12	Non-Coincident Demand (MW) - 90%													
13	MW @ Secondary Service	1,666.538	1,583.673	1,605.300	1,745.694	1,624.834	1,641.830	1,814.393	1,790.128	1,886.511	2,027.948	1,720.747	1,643.008	20,750.603
14	MW @ Primary Service	300.069	389.513	288.162	325.723	360.115	204.066	355.199	339.785	383.904	450.667	464.349	337.707	4,199.259
15	MW @ Transmission Service	16.075	-5.500	36.200	36.918	26.100	11.197	18.035	25.230	21.802	-3.141	44.465	64.551	291.932
16	Sub-Total	1,982.683	1,967.686	1,929.661	2,108.335	2,011.049	1,857.092	2,187.627	2,155.143	2,292.217	2,475.474	2,229.561	2,045.267	25,241.794
17														
18	On-Peak Demand (MW)													
19	MW @ Secondary Service	1,339.466	1,266.479	1,298.945	1,453.102	1,401.312	1,539.142	1,711.805	1,673.495	1,786.025	1,928.261	1,462.056	1,305.784	18,165.873
20	MW @ Primary Service	306.045	382.832	280.801	293.816	369.357	238.822	377.016	365.772	428.495	466.770	460.272	325.309	4,295.307
21	MW @ Transmission Service	19.935	-42.287	77.420	71.497	42.604	29.690	36.078	29.050	27.860	6.407	58.001	81.157	437.412
22	Sub-Total	1,665.447	1,607.023	1,657.166	1,818.416	1,813.273	1,807.654	2,124.900	2,068.316	2,242.380	2,401.438	1,980.329	1,712.251	22,898.592
23														
24	Schedule A6-TOU:													
25	Non-Coincident Demand (MW) - 90%													
26	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
27	MW @ Primary Service	23.383	12.269	12.994	20.017	6.560	-1.284	51.361	19.274	13.904	30.868	14.179	25.782	229.308
28	MW @ Transmission Service	89.169	75.330	96.225	98.874	78.618	70.625	111.400	101.498	89.769	119.746	97.773	96.650	1,125.676
29	Sub-Total	112.552	87.599	109.219	118.891	85.178	69.341	162.761	120.772	103.673	150.613	111.952	122.432	1,354.985
30														
31	Coincident Peak Demand (MW)													
32	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
33	MW @ Primary Service	11.672	10.774	10.634	12.384	9.342	-14.722	51.108	13.295	11.304	16.367	9.350	14.412	155.918
34	MW @ Transmission Service	63.692	66.862	72.832	73.399	57.213	52.741	96.124	85.530	71.209	101.634	86.810	86.656	914.703
35	Sub-Total	75.364	77.636	83.466	85.783	66.555	38.019	147.232	98.825	82.513	118.001	96.160	101.067	1,070.620
36														
37	TOTAL SUMMARY													
38	Non-Coincident Demand (MWH) @ 100%													
39	MW @ Secondary Service	13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565
40	MW @ Primary Service	150	163	144	154	160	154	160	182	208	166	131	141	1,914
41	MW @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Total - NONCoincident Demand @ 100%	13,183	12,843	13,597	14,286	14,116	13,391	14,338	14,290	15,720	15,857	13,992	11,866	167,478
43														
44	Non-Coincident Demand (MWH) @ 90%													
45	MW @ Secondary Service	1,666.538	1,583.673	1,605.300	1,745.694	1,624.834	1,641.830	1,814.393	1,790.128	1,886.511	2,027.948	1,720.747	1,643.008	20,750.603
46	MW @ Primary Service	323.453	401.781	301.157	345.740	366.675	202.782	406.560	359.059	397.809	481.535	478.528	363.489	4,428.567
47	MW @ Transmission Service	105.244	69.831	132.424	135.792	104.718	81.821	129.435	126.728	111.571	116.605	142.238	161.202	1,417.609
	Total - NONCoincident Demand @ 90%	2,095,235	2,055,285	2,038,881	2,227,226	2,096,227	1,926,433	2,350,388	2,275,915	2,395,890	2,626,088	2,341,513	2,167,699	26,596,779

San Diego Gas & Electric Company

True-Up Period

Statement – BH

Revenue Data to Reflect Present Rates

Docket No. ER17-____-____

Statement BH
SAN DIEGO GAS AND ELECTRIC COMPANY
 Monthly Retail True-Up Period Recorded Revenues
 12-Month Base & True-Up Period (January 1, 2015 - December 31, 2015)

Line No.	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(h)	Line No.
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference	
1	Residential Customers	\$ 22,589,038	\$ 21,227,757	\$ 20,754,738	\$ 19,831,798	\$ 20,031,265	\$ 20,234,102	\$ 23,755,036	\$ 25,955,322	\$ 30,824,444	\$ 28,577,214	\$ 23,209,207	\$ 23,062,095	\$ 280,052,017	Recorded Per Books	1
2																2
3	Small Commercial	5,942,004	6,202,793	6,494,080	6,705,054	6,302,624	6,418,789	7,202,810	7,310,987	7,849,888	7,654,925	6,736,084	6,253,495	81,073,533	Recorded Per Books	3
4																4
5	Medium-Large Commercial	22,053,218	24,807,199	24,977,326	27,274,367	27,248,876	26,789,235	32,357,306	31,291,285	33,099,148	36,120,144	30,851,615	26,641,373	343,511,093	Recorded Per Books	5
6																6
7	Agricultural	296,603	965,030	503,637	592,199	173,733	527,152	562,592	1,499,394	605,439	684,232	493,504	594,106	7,497,621	Recorded Per Books	7
8																8
9	Street Lighting	119,452	332,363	244,507	272,179	152,834	220,451	284,246	151,084	257,969	164,112	245,312	311,949	2,756,459	Recorded Per Books	9
10																10
11	Standby Revenues	644,540	720,807	1,108,045	1,085,580	902,638	874,871	941,022	925,795	1,060,747	975,183	891,193	984,500	11,114,921	Recorded Per Books	11
12																12
13	TOTAL	\$ 51,644,856	\$ 54,255,950	\$ 54,082,333	\$ 55,761,179	\$ 54,811,970	\$ 55,064,599	\$ 65,103,011	\$ 67,133,868	\$ 73,697,635	\$ 74,175,811	\$ 62,426,915	\$ 57,847,518	\$ 726,005,644	Sum Lines 1 to 11	13

San Diego Gas & Electric Company

True-Up Period

Statement BK-1

Docket No. ER17-____-____

San Diego Gas & Electric Company
Statement BK-1
Derivation of End Use Prior Year Revenue Requirements (PYRR_{EU})
For the Base Period & True-Up Period Ending December 31, 2015
(\$1,000)

Line No.	Amounts ⁵	Reference	Line No.
1			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
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21			21
22			22
23			23
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27			27
28			28
29			29
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32			32
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36			36
37			37
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41			41
42			42
43			43
44			44
45			45
46			46
47			47
48			48
49			49
50			50
51			51
52			52
53			53
54			54
55			55
56			56
57			57
58			58
59			59
60			60

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

San Diego Gas & Electric Company
Statement BK-1
Derivation of End Use Prior Year Revenue Requirements (PYRR_{EU})
For the Base Period & True-Up Period Ending December 31, 2015
(\$1,000)

Line No.	Amounts	Reference	Line No.
<u>A. Transmission Rate Base:</u>			
1			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			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31
32			32
33			33
34			34
35			35
36			36
37			37
38			38
<u>B. Incentive ROE Project Transmission Rate Base:</u>			
<u>C. Incentive Transmission Plant Abandoned Project Rate Base:</u>			
<u>D. Incentive Transmission Construction Work In Progress</u>²			

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

San Diego Gas & Electric Company
Statement BK-1
Derivation of End Use Prior Year Revenue Requirements (PYRR_{EU})
For the Base Period & True-Up Period Ending December 31, 2015
(\$1,000)

Line No.	Amounts	Reference	Line No.
<u>A. Transmission Plant:</u>			
1			1
<u>Gross Transmission Plant:</u>			
2			2
3	\$ 4,574,358	Statement AD; Page 1, Line 15	3
4	23,257	Statement AD; Page 1, Line 31	4
5	52,855	Statement AD; Page 1, Line 33	5
6	113,784	Statement AD; Page 1, Line 35	6
7	\$ 4,764,254	Sum Lines 2 thru 5	7
8			8
<u>Transmission Related Depreciation Reserve:</u>			
9			9
10	\$ 795,745	Statement AE; Page 2, Line 1	10
11	8,473	Statement AE; Page 2, Line 11	11
12	20,179	Statement AE; Page 2, Line 13	12
13	57,764	Statement AE; Page 2, Line 15	13
14	\$ 882,161	Sum Lines 9 thru 12	14
15			15
<u>Net Transmission Plant:</u>			
16			16
17	\$ 3,778,613	Line 2 Minus Line 9	17
18	14,784	Line 3 Minus Line 10	18
19	32,676	Line 4 Minus Line 11	19
20	56,020	Line 5 Minus Line 12	20
21	\$ 3,882,093	Sum Lines 16 thru 19	21
22			22
<u>B. Incentive Project Transmission Plant:</u>			
23	\$ -	Statement AD; Page 1, Line 17	23
24	-	Statement AE; Page 2, Line 19	24
25	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company
Statement BK-1
Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC_{EU})
For the Forecast Period January 1, 2016 - December 31, 2017
(\$1,000)

Line No.	Amounts	Reference	Line No.
ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS			
1			1
<u>A. Derivation of Annual Fix Charge Rate (AFCR_{EU}) Applicable to</u>			
2			2
<u>Weighted Forecast Plant Additions:</u>			
3	\$ 664,695	Statement BK-1; Page 1; Line 33	3
4	(34,077)	Statement BK-1; Page 1; Line 2 * 50%	4
5	(27,159)	Statement BK-1; Page 1; Line 4 * 50%	5
6	-	Statement BK-1; Page 1; Line 6	6
7	-	Statement BK-1; Page 1; Line 12	7
8	(2,333)	Statement BK-1; Page 1; Line 26	8
9	265	Statement BK-1; Page 1; Line 27	9
10	-	Statement BK-1; Page 1; Line 28	10
11	-	Statement BK-1; Page 1; Line 31	11
12	\$ 601,391	Sum Lines 3 thru 11	12
13			13
14	\$ 4,764,254	Statement BK-1; Page 3, Line 6	14
15			15
16	12.6230%	Line 12 / Line 14	16
17			17
18	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19			19
20	\$ -	Line 16 x Line 18	20

San Diego Gas & Electric Company
Statement BK-1
Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC_{EU})
For the Forecast Period January 1, 2016 - December 31, 2017
(\$1,000)

Line No.	Amounts	Reference	Line No.
ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE CAPITAL PROJECTS			
1			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			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31
32			32
33			33
34			34
35			35
36			36
37			37

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

San Diego Gas & Electric Company
Statement BK-1
Derivation of End Use Base Transmission Revenue Requirements (BTRR_{EU})
For the Rate Effective Period January 1, 2017 - December 31, 2017
(\$1,000)

Line No.	Amounts	Reference	Line No.
1			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			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31
32			32

A. End Use Customer Base Transmission Revenue Requirement (BTRR_{EU}):

End of Prior Year Revenues (PYRR_{EU}) Excluding FF&U

Incentive End of Prior Year Revenues (PYRR_{EU-IR}) Excluding FF&U

Sub-Total Base Period Revenues

Retail True-Up Period Adjustment

Retail Interest True-Up Adjustment

Sub-Total True-Up Adjustments

B. Annual Fixed Charges Applicable to Capital Projects:

Forecast Period Capital Addition Revenue Requirements

C. Annual Fixed Charges Applicable to Incentive Capital Projects:

Forecast Period Incentive Capital Additions Revenue Requirements (FC_{EU-IR-ROE})

D. Incentive Forecast Transmission CWIP Revenues:

Incentive Transmission Forecast CWIP Projects Revenue Requirements

E. Subtotal BTRR_{EU} Excluding FF&U:

Transmission Related Municipal Franchise Fees Expenses

Transmission Related Uncollectible Expense

F. Total Retail BTRR_{EU} With FF&U

San Diego Gas & Electric Company

True-Up Period

Statement BL - Rate Design

Docket No. ER17-____-____

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
True-Up Period Rate Design Information
For the True-Up Period January 1, 2015 - December 31, 2015
Summary of Transmission Rates

Line No.	Customer Classes	(A) Transmission Energy Rates \$/kWh	(B) Transmission Level Demand Rates \$/kW-Mo	(C) Primary Level Demand Rates \$/kW-Mo	(D) Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
1	Residential	\$ 0.0398855				Page 3; Line 7	1
2							2
3	Small Commercial	\$ 0.0373176				Page 4; Line 7	3
4							4
5	Medium & Large Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 10.7166101	\$ 10.7645234	\$ 11.1531536	Page 5; Lines 35; 34; 33	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 9.6449491	\$ 9.6880710	\$ 10.0378382	Page 6; Lines 8; 7; 6	8
9							9
10	Maximum On-Peak Period Demand ³						10
11	Summer		\$ 1.7380850	\$ 1.7458558	\$ 1.8088862	Page 7; Lines 37; 36; 35	11
12	Winter		\$ 0.5190082	\$ 0.5213287	\$ 0.5401502	Page 8; Lines 30; 29; 28	12
13							13
14	Maximum Demand at the Time of System Peak ⁴						14
15	Summer		\$ 2.1078490	\$ 2.1172730	\$ -	Page 9; Lines 37; 36; 35	15
16	Winter		\$ 0.5591471	\$ 0.5616471	\$ -	Page 10; Lines 33; 32; 31	16
17						Page 11; Line 5	17
18	Agricultural (Schedules PA and TOU-PA)	\$ 0.0200648					18
19							19
20	Agricultural (Schedule PA-T-1)						20
21	Non-Coincident Demand (100%) ¹		\$ -	\$ 5.1072648	\$ 5.2916518	Page 12; Lines 31; 30; 29	21
22							22
23	Street Lighting	\$ 0.0265656				Page 13; Line 7	23
24							24
25	Standby Rate		\$ 5.1727030	\$ 5.1958299	\$ 5.3834142	Page 14; Lines 35; 34; 33	25

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, DG-R, and A6-TOU.
- ³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, and DG-R.
- ⁴ Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.
- ⁵ Summer = May-Oct; Winter = Nov-Apr.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Allocation of Base Transmission Revenue Requirements (BTRR) Based on 12 CPs
(\$1,000)

Line No.	Customer Classes	(A) Total 12 CPs kW @ Transmission Level ²	(B) Percentages ³	(C) Allocated Base Transmission Revenue Requirement	Reference	Line No.
1	Total Base Transmission Revenue Requirement ¹			\$ 672,705	Statement BK-1; Page 6; Line 32	1
2						2
3	<u>Allocation of BTRR Based on 12-CP:</u>					3
4	Residential	16,850,129	42.404%	\$ 285,254	Col.C Ln 4 = Col C Ln1 x Col B. Ln 4	4
5	Small Commercial	4,241,155	10.673%	\$ 71,798	Col.C Ln 5 = Col C Ln1 x Col B. Ln 5	5
6	Medium & Large Commercial/Industrial	17,494,874	44.026%	\$ 296,165	Col.C Ln 6 = Col C Ln1 x Col B. Ln 6	6
7	Agricultural	384,587	0.968%	\$ 6,512	Col.C Ln 7 = Col C Ln1 x Col B. Ln 7	7
8	Street Lighting Revenues	140,544	0.354%	\$ 2,381	Col.C Ln 8 = Col C Ln1 x Col B. Ln 8	8
9	Standby Revenues	625,991	1.575%	\$ 10,595	Col.C Ln 9 = Col C Ln1 x Col B. Ln 9	9
10						10
11	Total	39,737,280	100.00%	\$ 672,705	Sum Lines 4 thru 9	11
12						12
13	Total	39,737,280		\$ 672,705	Line 11	13

NOTES:

¹ Total Base TRR comes from TO4-Cycle 4 Section 2.1; Page 1.2; Line 19 and Statement BK-1; Page 6; Line 32

² Page 16; Column D.

³ Page 16; Column E.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Residential Customers¹
(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Residential - Allocated Transmission Revenue Requirements	\$ 285,254	Page 2; Col. (C); Line 4	1
2	Billing Determinants - Residential Customer Class (MWh):	7,151,816	Page 18.1; Line 4	2
3	Residential Energy Rate Per kWh	\$ 0.0398855219	Line 1 / Line 3	3
4	Residential Energy Rate Per kWh - Rounded	\$ 0.0398855219	Line 5, Rounded to 10 Decimal Places	4
5	Proof of Revenues	\$ 285,254	Line 7 x Line 3	5
6		\$ (0)	Line 1 - Line 9	6
7				7
8				8
9				9
10				10
11				11

NOTES:

¹ Residential customers include the following California Public Utilities Commission (CPUC) tariffs: DR, DR-LI, DM, DS, DT, DT-RV, DR-TOU, DRSES, EV-TOU, EV-TOU-2, DRTOU, DRTPDPSH, EPEVL, EPEVM, EPEVH.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Small Commercial Customers¹
(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 71,798	Page 2; Col. (C); Line 5	1
2	Billing Determinants - Small Commercial (MWh):	1,923,965	Page 18.1; Line 5	2
3	Rate Per kWh Calculation	\$ 0.0373176337	Line 1 / Line 3	3
4	Rate Per kWh Calculation - Rounded	\$ 0.0373176337	Line 5, Rounded to 10 Decimal Places	4
5	Proof of Revenues	\$ 71,798	Line 7 x Line 3	5
6	Difference	\$ (0)	Line 1 - Line 9	6
7				7
8				8
9				9
10				10
11				11

NOTES:

¹ Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs:
A, A-TC, A-TOU, UM, ATS, ASTOD, ASTODPSW.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
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 - Demand Revenue Requirement	\$ 296,165	Page 2; Col. (C); Line 6	1
2	Demand Determinants @ Transmission Level Used to Allocate			2
3	Total Class Revenues to Voltage Level with Loss Factor Adjustment (MW): ²			3
4	Secondary	21,910	Page 17; Col. D; Line 23	4
5	Primary	4,479	Page 17; Col. D; Line 24	5
6	Transmission	1,427	Page 17; Col. D; Line 25	6
7	Total	27,816	Sum Lines 4; 5; 6	7
8	Allocation Factors Per Above to Allocate			8
9	Demand Revenue Requirements to Voltage Level:			9
10	Secondary	78.77%	Line 4 / Line 7	10
11	Primary	16.10%	Line 5 / Line 7	11
12	Transmission	5.13%	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	\$ 233,281	Line 1 x Line 10	16
17	Primary	\$ 47,692	Line 1 x Line 11	17
18	Transmission	\$ 15,192	Line 1 x Line 12	18
19	Total	\$ 296,165	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Meter Level (MW)			21
22	Secondary	20,916	Page 17; Col. B; Line 23	22
23	Primary	4,430	Page 17; Col. B; Line 24	23
24	Transmission	1,418	Page 17; Col. B; Line 25	24
25	Total	26,764	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage @ Meter			27
28	Secondary	\$ 11.1531535551	Line 16 / Line 22	28
29	Primary	\$ 10.7645233835	Line 17 / Line 23	29
30	Transmission	\$ 10.7166100746	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage @ Meter (Rounded)			32
33	Secondary	\$ 11.1531535551	Line 28, Rounded to 15 Decimal Places	33
34	Primary	\$ 10.7645233835	Line 29, Rounded to 15 Decimal Places	34
35	Transmission	\$ 10.7166100746	Line 30, Rounded to 15 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 233,281	Line 22 x Line 33	38
39	Primary	\$ 47,692	Line 23 x Line 34	39
40	Transmission	\$ 15,192	Line 24 x Line 35	40
41	Total	\$ 296,165	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43

NOTES:

- ¹ Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs:
AD, AL-TOU, A6-TOU, AY-TOU, A6TOUCP2, ADCP2, ALTOUCP2, ALTOUDGR, ATOUCP2, AYTOUCP2, ALDGRCP2, OLTOU, OL-TOUCP2.
- ² LF = Transmission Loss Factor; Secondary Level = 1.0475; Primary Level = 1.0110; Transmission Level = 1.0065

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Medium-Large Commercial Customers
(\$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	\$ 10.0378381996	90% x Page 5; Line 33	2
3	Primary	\$ 9.6880710451	90% x Page 5; Line 34	3
4	Transmission	\$ 9.6449490672	90% x Page 5; Line 35	4
5	Rate Proposal 90% of Total M&L C&I NCD Rates (Rounded):			5
6	Secondary	\$ 10.0378381996	Line 2, Rounded to 10 Decimal Places	6
7	Primary	\$ 9.6880710451	Line 3, Rounded to 10 Decimal Places	7
8	Transmission	\$ 9.6449490672	Line 4, Rounded to 10 Decimal Places	8
9	Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand: ²			9
10	NCD Determinants By Voltage Level @ Meter Level (MW)			10
11	Secondary	20,751	Page 17; Col. B; Line 10	11
12	Primary	4,199	Page 17; Col. B; Line 11	12
13	Transmission	292	Page 17; Col. B; Line 12	13
14	Total	25,242	Sum Lines 11; 12; 13	14
15	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates:			15
16	Secondary	\$ 231,435	Line 11 x Page 5; Line 33	16
17	Primary	\$ 45,203	Line 12 x Page 5; Line 34	17
18	Transmission	\$ 3,129	Line 13 x Page 5; Line 35	18
19	Total	\$ 279,766	Sum Lines 16; 17; 18	19
20	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates:			20
21	Secondary	\$ 208,291	Line 6 x Line 11	21
22	Primary	\$ 40,683	Line 7 x Line 12	22
23	Transmission	\$ 2,816	Line 8 x Line 13	23
24	Total	\$ 251,790	Sum Lines 21; 22; 23	24
25	Revenue Reallocation to Maximum On-Peak Period Demands:			25
26	Secondary	\$ 23,143	Line 16 - Line 21	26
27	Primary	\$ 4,520	Line 17 - Line 22	27
28	Transmission	\$ 313	Line 18 - Line 23	28
29	Total - Reallocated to MAXIMUM ON-PEAK PERIOD DEMANDS	\$ 27,977	Sum Lines 26; 27; 28	29
30	Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak: ³			30
31	NCD Determinants By Voltage Level @ Meter Level (MW)			31
32	Secondary	-	Page 17; Col. B; Line 17	32
33	Primary	229	Page 17; Col. B; Line 18	33
34	Transmission	1,126	Page 17; Col. B; Line 19	34
35	Total	1,355	Sum Lines 32; 33; 34	35
36	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates:			36
37	Secondary	\$ -	Line 32 x Page 5; Line 33	37
38	Primary	\$ 2,468	Line 33 x Page 5; Line 34	38
39	Transmission	\$ 12,063	Line 34 x Page 5; Line 35	39
40	Total	\$ 14,532	Sum Lines 37; 38; 39	40
41	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates:			41
42	Secondary	\$ -	Line 6 x Line 32	42
43	Primary	\$ 2,222	Line 7 x Line 33	43
44	Transmission	\$ 10,857	Line 8 x Line 34	44
45	Total	\$ 13,079	Sum Lines 42; 43; 44	45
46	Revenue Reallocation to Maximum Demand at the Time of System Peak:			46
47	Secondary	\$ -	Line 37 - Line 42	47
48	Primary	\$ 247	Line 38 - Line 43	48
49	Transmission	\$ 1,206	Line 39 - Line 44	49
50	Total	\$ 1,453	Sum Lines 47; 48; 49	50

NOTES:

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

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Medium-Large Commercial Customers
(\$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	\$ 27,977	Page 6; Line 29	2
3				3
4	Summer - Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) ²			4
5	Secondary	10,040	Page 17; Col. B; Line 30	5
6	Primary	2,246	Page 17; Col. B; Line 31	6
7	Transmission	172	Page 17; Col. B; Line 32	7
8	Total	12,458	Sum Lines 5; 6; 7	8
9	Summer - Maximum On-Peak Period Demands By Voltage Level @ Trans. Level (MW)			9
10	Secondary	10,517	Page 17; Col. D; Line 30	10
11	Primary	2,271	Page 17; Col. D; Line 31	11
12	Transmission	173	Page 17; Col. D; Line 32	12
13	Total	12,961	Sum Lines 11; 12; 13	13
14	Total			14
15	Summer Maximum On-Peak Period Allocation to Voltage Levels			15
16	Secondary	81.14%	Line 11 / Line 14	16
17	Primary	17.52%	Line 12 / Line 14	17
18	Transmission	1.33%	Line 13 / Line 14	18
19	Total	100.00%	Sum Lines 17; 18; 19	19
20	Total			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			22
23	Secondary	\$ 18,161	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 3,922	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 298	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 22,381	Sum Lines 23; 24; 25	26
27	Summer Maximum On-Peak Period Demand Rates ³	\$/kW		27
28	Secondary	\$ 1.8088862357	Line 23 / Line 5	28
29	Primary	\$ 1.7458558323	Line 24 / Line 6	29
30	Transmission	\$ 1.7380849606	Line 25 / Line 7	30
31	Transmission			31
32				32
33	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		33
34	Secondary	\$ 1.8088862357	Line 29, Rounded to 10 Decimal Places	34
35	Primary	\$ 1.7458558323	Line 30, Rounded to 10 Decimal Places	35
36	Transmission	\$ 1.7380849606	Line 31, Rounded to 10 Decimal Places	36
37	Transmission			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, DG-R
- ² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, DG-R
- ³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, DG-R

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Medium-Large Commercial Customers
(\$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) ¹			1
2	Secondary	8,126	Page 17; Col. B; Line 35	2
3	Primary	2,049	Page 17; Col. B; Line 36	3
4	Transmission	266	Page 17; Col. B; Line 37	4
5	Total	10,441	Sum Lines 3; 4; 5	5
6	Winter Maximum On-Peak Period Demands @ Transmission Level (MW)			6
7	Secondary	8,512	Page 17; Col. D; Line 35	7
8	Primary	2,072	Page 17; Col. D; Line 36	8
9	Transmission	267	Page 17; Col. D; Line 37	9
10	Total	10,851	Sum Lines 7; 8; 9	10
11	Winter Maximum On-Peak Period Allocation to Voltage Levels			11
12	Secondary	78.44%	Line 7 / Line 10	12
13	Primary	19.09%	Line 8 / Line 10	13
14	Transmission	2.46%	Line 9 / Line 10	14
15	Total	100.00%	Sum Lines 12; 13; 14	15
16	Share of Total Revenue Allocation to Winter Peak Period (October through April)	20.00%		16
17	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates			17
18	Secondary	\$ 4,389	(Page 7; Line 2 x Page 8; Line 16) x Line 12	18
19	Primary	\$ 1,068	(Page 7; Line 2 x Page 8; Line 16) x Line 13	19
20	Transmission	\$ 138	(Page 7; Line 2 x Page 8; Line 16) x Line 14	20
21	Total	\$ 5,595	Sum Lines 18; 19; 20	21
22	Winter Maximum On-Peak Period Demand Rates ²	\$/kW		22
23	Secondary	\$ 0.5401502	Line 18 / Line 2	23
24	Primary	\$ 0.5213287	Line 19 / Line 3	24
25	Transmission	\$ 0.5190082	Line 20 / Line 4	25
26				26
27	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		27
28	Secondary	\$ 0.5401501528	Line 23, Rounded to 10 Decimal Places	28
29	Primary	\$ 0.5213286916	Line 24, Rounded to 10 Decimal Places	29
30	Transmission	\$ 0.5190082375	Line 25, Rounded to 10 Decimal Places	30
31				31
32	<u>Proof of Revenue Calculations:</u>			32
33	Secondary	\$ 22,550	(Page 7; Line 23) + (Page 8; Line 18)	33
34	Primary	\$ 4,990	(Page 7; Line 24) + (Page 8; Line 19)	34
35	Transmission	\$ 436	(Page 7; Line 25) + (Page 8; Line 20)	35
36	Total	\$ 27,977	Sum Lines 33; 34; 35	36
37				37
38		Difference	Page 7; Line 2 - Page 8; Line 36	38

NOTES:

¹ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs:
AY-TOU, AL-TOU, DG-R

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

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Medium-Large Commercial Customers
(\$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	\$ 1,453	Page 6; Line 50	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) ²			4
5	Secondary	-	Page 17; Col. B; Line 42	5
6	Primary	87	Page 17; Col. B; Line 43	6
7	Transmission	464	Page 17; Col. B; Line 44	7
8	Total	551	Sum Lines 5; 6; 7	8
9	Summer Maximum Demand at the Time of System Peak @ Transmission Level (MW)			9
10	Secondary	-	Page 17; Col. D; Line 42	10
11	Primary	88	Page 17; Col. D; Line 43	11
12	Transmission	467	Page 17; Col. D; Line 44	12
13	Total	555	Sum Lines 11; 12; 13	13
14				14
15	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			15
16	Secondary	0.00%	Line 11 / Line 14	16
17	Primary	15.79%	Line 12 / Line 14	17
18	Transmission	84.21%	Line 13 / Line 14	18
19	Total	100.00%	Sum Lines 17; 18; 19	19
20				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			22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 184	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 979	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,163	Sum Lines 23; 24; 25	26
27	Summer Maximum Demand at the Time of System Peak Rates ³	\$/kW		27
28	Secondary	\$ -	Line 23 / Line 5	28
29	Primary	\$ 2.1172730182	Line 24 / Line 6	29
30	Transmission	\$ 2.1078489543	Line 25 / Line 7	30
31				31
32				32
33	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		33
34	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	34
35	Primary	\$ 2.1172730182	Line 30, Rounded to 10 Decimal Places	35
36	Transmission	\$ 2.1078489543	Line 31, Rounded to 10 Decimal Places	36
37				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

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Medium-Large Commercial Customers
(\$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) ¹			1
2	Secondary	-	Page 17; Col. B; Line 47	2
3	Primary	69	Page 17; Col. B; Line 48	3
4	Transmission	450	Page 17; Col. B; Line 49	4
5	Total	519	Sum Lines 2; 3; 4	5
6	Winter Maximum Demand at the Time of System Peak @ Transmission Level (MW)			6
7	Secondary	-	Page 17; Col. D; Line 47	7
8	Primary	70	Page 17; Col. D; Line 48	8
9	Transmission	453	Page 17; Col. D; Line 49	9
10	Total	523	Sum Lines 8; 9; 10	10
11				11
12	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			12
13	Secondary	0.00%	Line 8 / Line 11	13
14	Primary	13.38%	Line 9 / Line 11	14
15	Transmission	86.62%	Line 10 / Line 11	15
16	Total	100.00%	Sum Lines 14; 15; 16	16
17				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			19
20	Secondary	\$ -	(Page 9; Line 2 x Page 10; Line 18) x Line 14	20
21	Primary	\$ 39	(Page 9; Line 2 x Page 10; Line 18) x Line 15	21
22	Transmission	\$ 252	(Page 9; Line 2 x Page 10; Line 18) x Line 16	22
23	Total	\$ 291	Sum Lines 20; 21; 22	23
24	Winter Maximum Demand at the Time of System Peak Rates ²	\$/kW		24
25	Secondary	\$ -	Line 20 / Line 2	25
26	Primary	\$ 0.5616470551	Line 21 / Line 3	26
27	Transmission	\$ 0.5591471424	Line 22 / Line 4	27
28				28
29	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		29
30	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	30
31	Primary	\$ 0.5616470551	Line 27, Rounded to 10 Decimal Places	31
32	Transmission	\$ 0.5591471424	Line 28, Rounded to 10 Decimal Places	32
33				33
34	<u>Proof of Revenue Calculations:</u>			34
35	Secondary	\$ -	(Page 9; Line 23) + (Page 10; Line 20)	35
36	Primary	\$ 222	(Page 9; Line 24) + (Page 10; Line 21)	36
37	Transmission	\$ 1,231	(Page 9; Line 25) + (Page 10; Line 22)	37
38	Total	\$ 1,453	Sum Lines 36; 37; 38	38
39				39
40	Difference	\$ -	Page 9; Line 2 - Page 10; Line 39	40

NOTES:

¹ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:
A6-TOU

² Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:
A6-TOU

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Agricultural Customers¹
(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Allocated Agricultural Transmission Revenue Requirement	\$ 6,512	Page 2; Col. (C); Line 7	1
2				2
3	Billing Determinants (MWh)	324,538	Page 18.1; Line 9 + Line 10	3
4				4
5	Energy Rate per kWh	\$ 0.0200648	Line 1 / Line 3	5
6				6
7	Energy Rate per kWh - Rounded	\$ 0.02006	Line 5, Rounded to 5 Decimal Places	7
8				8
9				9
10	Schedules PA and TOU-PA Billing Determinants (MWh)	91,342	Page 18.1; Line 9	10
11				11
12	Annual Revenues from Schedules PA and TOU-PA Energy Rates	\$ 1,833	Line 5 x Line 10	12
13				13
14	Revenue Allocated to Schedule PA-T-1 Non-Coincident Demand Charges	\$ 4,679	Line 1 Less Line 12	14

NOTES:

- ¹ The following California Public Utilities Commission (CPUC) tariffs are offered to Agricultural customers: Schedules PA, PACP2, PA-T-1, PATICP2, P. No demand rates are applicable to Schedules PA and TOU-PA, as shown on this page, Page BL-11.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Agricultural Customers ¹
(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference ³	Line No.
1	Agricultural - Demand Revenue Requirement	\$ 4,679	Page 11; Line 14	1
2				2
3	Non-Coincident Demand Determinants ²			3
4	Secondary	776	Page 17; Col. D; Line 56	4
5	Primary	150	Page 17; Col. D; Line 57	5
6	Transmission	-	Page 17; Col. D; Line 58	6
7	Total	926	Sum Lines 4; 5; 6	7
8				8
9	Allocation Factors Per Above to Allocate			9
10	Demand Revenue Requirements to Voltage Level			10
11	Secondary	83.75%	Line 4 / Line 7	11
12	Primary	16.25%	Line 5 / Line 7	12
13	Transmission	0.00%	Line 6 / Line 7	13
14	Total	100.00%	Sum Lines 11; 12; 13	14
15				15
16	Allocation of Revenue Requirements to Voltage Level			16
17	Secondary	\$ 3,919	Line 1 x Line 11	17
18	Primary	\$ 760	Line 1 x Line 12	18
19	Transmission	\$ -	Line 1 x Line 13	19
20	Total	\$ 4,679	Sum Lines 17; 18; 19	20
21				21
22	Schedule PA-T-1 Demand Determinants by Voltage Level @ Meter Level (MW)			22
23	Secondary	741	Page 17; Col. B; Line 56	23
24	Primary	149	Page 17; Col. B; Line 57	24
25	Transmission	-	Page 17; Col. B; Line 58	25
26	Total	889	Sum Lines 23; 24; 25	26
27				27
28	Non-Coincident Demand Rate by Voltage Level @ Meter			28
29	Secondary	\$ 5.291651758	Line 17 / Line 23	29
30	Primary	\$ 5.107264847	Line 18 / Line 24	30
31	Transmission	\$ -	Line 19 / Line 25	31
32				32
33	Non-Coincident Demand Rate by Voltage Level @ Meter (Rounded)			33
34	Secondary	\$ 5.291651758	Line 29, Rounded to 15 Decimal Places	34
35	Primary	\$ 5.107264847	Line 30, Rounded to 15 Decimal Places	35
36	Transmission	\$ -	Line 31, Rounded to 15 Decimal Places	36
37				37
38	Proof of Revenues			38
39	Secondary	\$ 3,919	Line 23 x Line 34	39
40	Primary	\$ 760	Line 24 x Line 35	40
41	Transmission	\$ -	Line 25 x Line 36	41
42	Total	\$ 4,679	Sum Lines 39; 40; 41	42
43				43
44	Difference	\$ -	Line 1 Less Line 42	44

NOTES:

¹ The following California Public Utilities Commission (CPUC) tariffs are offered to Agricultural customers: Schedules PA, PACP2, PA-T-1, PAT1CP2, PATOD.

No demand rates are applicable to Schedules PA and TOU-PA, as shown in Page BL-11

² Non-Coincident Demand (100%) rates applicable to the following CPUC tariff: Schedule PA-T-1.

³ Reference data found in Statement BL.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Street Lighting Customers
(\$000)

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 2,381	Page 2; Col. (C); Line 8	1
2				2
3	Billing Determinants - Street Lighting Customers (MWh) ¹	89,641	Page 18.1; Line 11	3
4				4
5	Rate Per kWh Calculation	\$ 0.026565607	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.026565607	Line 5, Rounded to 15 Decimal Places	7
8				8
9	Proof of Revenues:	\$ 2,381	Line 3 x Line 7	9
10				10
11	Difference	\$ 0	Line 1 - Line 9	11

NOTES:

¹ Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs:
 LS1, LS2, LS3, OL1, OL2, DWL.

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Standby Revenues Calculation
(\$000)

Line No.	Description	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement	\$ 10,595	Page 2; Col. (C); Line 9	1
2	<u>Demand Determinants @ Transmission Level Used to Allocate</u>			2
3	<u>Total Class Revenues to Voltage Level with Loss Factor Adjustment (MW): ¹</u>			3
4	Secondary	115	Page 17; Col. D; Line 63	4
5	Primary	1,220	Page 17; Col. D; Line 64	5
6	Transmission	727	Page 17; Col. D; Line 65	6
7	Total	2,062	Sum Lines 4; 5; 6	7
8	<u>Allocation Factors Per Above to Allocate</u>			8
9	<u>Demand Revenue Requirements to Voltage Level:</u>			9
10	Secondary	5.59%	Line 4 / Line 7	10
11	Primary	59.16%	Line 5 / Line 7	11
12	Transmission	35.25%	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	\$ 592	Line 1 x Line 10	16
17	Primary	\$ 6,268	Line 1 x Line 11	17
18	Transmission	\$ 3,734	Line 1 x Line 12	18
19	Total	\$ 10,595	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Meter (MW)			21
22	Secondary	110	Page 17; Col. B; Line 63	22
23	Primary	1,206	Page 17; Col. B; Line 64	23
24	Transmission	722	Page 17; Col. B; Line 65	24
25	Total	2,038	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage Level @ Meter			27
28	Secondary	\$ 5.3834142407	Line 16 / Line 22	28
29	Primary	\$ 5.1958298781	Line 17 / Line 23	29
30	Transmission	\$ 5.1727030389	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Meter (Rounded)			32
33	Secondary	\$ 5.3834142407	Line 28, Rounded to 10 Decimal Places	33
34	Primary	\$ 5.1958298781	Line 29, Rounded to 10 Decimal Places	34
35	Transmission	\$ 5.1727030389	Line 30, Rounded to 10 Decimal Places	35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ 592	Line 22 x Line 33	38
39	Primary	\$ 6,268	Line 23 x Line 34	39
40	Transmission	\$ 3,734	Line 24 x Line 35	40
41	Total	\$ 10,595	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43

NOTES:

¹ LF = Transmission Loss Factor; Secondary Level = 1.0475; Primary Level = 1.0110; Transmission Level = 1.0065

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Summary of Proof of Revenues
(\$1,000)

Line No.	Customer Classes	(A) Total Revenues Per Cost of Service Study	(B) Total Revenues Per Rate Design	(C) Difference	Reference	Line No.
1	Residential Customers	\$ 285,254	\$ 285,254	\$ (0)	Page 2; Col C; Line 4 and Page 3; Line 9	1
2						2
3	Small Commercial	71,798	71,798	(0)	Page 2; Col C; Line 5 and Page 4; Line 9	3
4						4
5	Medium-Large Commercial	296,165	296,165	-	Page 2; Col C; Line 6 and Page 5; Line 41	5
6						6
7	Agricultural	6,512	6,512	-	Page 2; Col C; Line 7 and (Page 11; Line 12 + Page 12; Line 42)	7
8						8
9	Street Lighting	2,381	2,381	0	Page 2; Col C; Line 8 and Page 13; Line 9	9
10						10
11	Standby Revenues	10,595	10,595	-	Page 2; Col C; Line 9 and Page 14; Line 41	11
12						12
13	Grand Total	\$ 672,705	\$ 672,705	\$ (0)	Sum Lines 1 thru 11	13

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Development of 12-CP Allocation Factors Using Recorded Data: 2009-2013

Line No.	(a) Customer Class	(b) 5-Year Average Of 12 CPs Kilowatt @ Meter Level	(c) Transmission Loss Factors *	(d) = (b) x (c) 5-Year Average Of 12 CPs Kilowatt @ Transmission Level	(e) Ratio	(g) Reference	Line No.
1	5 Year Average - 12CP Allocation Factors:						1
2	Residential Customers	16,086,042	1.0475	16,850,129	42.404%	Statement BB; Page 1; Line 1	2
3	Small Commercial Customers	4,048,835	1.0475	4,241,155	10.673%	Statement BB; Page 1; Line 2	3
4	Medium-Large Commercial Customers						4
5	Secondary	12,147,759	1.0475	12,724,778	32.022%	Statement BB; Page 1; Line 4	5
6	Primary	3,391,249	1.0110	3,428,553	8.628%	Statement BB; Page 1; Line 5	6
7	Transmission	1,332,879	1.0065	1,341,543	3.376%	Statement BB; Page 1; Line 6	7
8	Total Medium-Large Commercial	16,871,888	1.0369	17,494,874	44.026%	Sum Lines 5; 6; 7	8
9							9
10	Agricultural						10
11	Secondary	326,109	1.0475	341,599	0.860%	Statement BB; Page 1; Line 10	11
12	Primary	42,520	1.0110	42,988	0.108%	Statement BB; Page 1; Line 11	12
13	Transmission	-	1.0065	-	0.000%	Statement BB; Page 1; Line 12	13
14	Total Agricultural Customers	368,629	1.0433	384,587	0.968%	Sum Lines 11; 12; 13	14
15							15
16	Street Lighting	134,171	1.0475	140,544	0.354%	Statement BB; Page 1; Line 15	16
17	Standby Customers						17
18	Secondary	35,194	1.0475	36,865	0.093%	Statement BB; Page 1; Line 17	18
19	Primary	357,700	1.0110	361,634	0.910%	Statement BB; Page 1; Line 18	19
20	Transmission	226,022	1.0065	227,492	0.572%	Statement BB; Page 1; Line 19	20
21	Total Standby Customers	618,916	1.0114	625,991	1.575%	Sum Lines 18; 19; 20	21
22							22
23	System Total	38,128,481	1.04219	39,737,280	100.000%	Sum Lines 2; 3; 8; 14; 16; 21	23
24							24

Statement BL
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Retail True-Up Cost of Service Rates
For the True-Up Period January 1, 2015 - December 31, 2015
Development of 12-CP Allocation Factors

Line No.	(A) Customer Class	(B) Recorded Demand Determinants Megawatt @ Meter Level	(C) Transmission Loss Factors ¹	(D) = (B) x (C) Recorded Demand Determinants Megawatt @ Transmission Level	(E) Ratios	Reference	Line No.
1	Recorded Demand Determinants for Medium-Large Commercial Customers:						1
2	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate						2
3	Secondary	166	1.0475	173	98.90%	Col. B = Page 18.1; Col. Total; Line 38	3
4	Primary	2	1.0110	2	1.10%	Col. B = Page 18.1; Col. Total; Line 39	4
5	Transmission	-	1.0065	-	0.00%	Col. B = Page 18.1; Col. Total; Line 40	5
6	Total	167		175	100.00%	Sum Lines 3; 4; 5	6
7							7
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						8
9	with Maximum On-Peak Period Demand						9
10	Secondary	20,751	1.0475	21,736	82.72%	Col. B = Page 18.2; Col. Total; Line 74	10
11	Primary	4,199	1.0110	4,245	16.16%	Col. B = Page 18.2; Col. Total; Line 75	11
12	Transmission	292	1.0065	294	1.12%	Col. B = Page 18.2; Col. Total; Line 76	12
13	Total	25,242		26,276	100.00%	Sum Lines 10; 11; 12	13
14							14
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						15
16	with Maximum Demand at the Time of System Peak						16
17	Secondary	-	1.0475	-	0.00%	Col. B = Page 18.3; Col. Total; Line 110	17
18	Primary	229	1.0110	232	16.99%	Col. B = Page 18.3; Col. Total; Line 111	18
19	Transmission	1,126	1.0065	1,133	83.01%	Col. B = Page 18.3; Col. Total; Line 112	19
20	Total	1,355		1,365	100.00%	Sum Lines 17; 18; 19	20
21							21
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers						22
23	Secondary	20,916	1.0475	21,910	78.77%	Sum Lines 3; 10; 17	23
24	Primary	4,430	1.0110	4,479	16.10%	Sum Lines 4; 11; 18	24
25	Transmission	1,418	1.0065	1,427	5.13%	Sum Lines 5; 12; 19	25
26	Total	26,764		27,816	100.00%	Sum Lines 23; 24; 25	26
27							27
28	Maximum On-Peak Period Demand Determinants						28
29	Summer Months = (May, June, July, August, September)						29
30	Secondary	10,040	1.0475	10,517	81.14%	Col. B = Page 18.2; Sum "Summer"; Line 84	30
31	Primary	2,246	1.0110	2,271	17.52%	Col. B = Page 18.2; Sum "Summer"; Line 85	31
32	Transmission	172	1.0065	173	1.33%	Col. B = Page 18.2; Sum "Summer"; Line 86	32
33	Total	12,458		12,961	99.99%	Sum Lines 30; 31; 32	33
34	Winter Months = (October, November, December, January, February, March, April)						34
35	Secondary	8,126	1.0475	8,512	78.44%	Col. B = Page 18.2; Sum "Winter"; Line 84	35
36	Primary	2,049	1.0110	2,072	19.09%	Col. B = Page 18.2; Sum "Winter"; Line 85	36
37	Transmission	266	1.0065	267	2.46%	Col. B = Page 18.2; Sum "Winter"; Line 86	37
38	Total	10,441		10,851	99.99%	Sum Lines 35; 36; 37	38
39	Grand Total	22,899		23,812			39
40	Maximum Demand at the Time of System Peak Determinants						40
41	Summer						41
42	Secondary	-	1.0475	-	0.00%	Col. B = Page 18.3; Sum "Summer"; Line 120	42
43	Primary	87	1.0110	88	15.79%	Col. B = Page 18.3; Sum "Summer"; Line 121	43
44	Transmission	464	1.0065	467	84.21%	Col. B = Page 18.3; Sum "Summer"; Line 122	44
45	Total	551		555	100.00%	Sum Lines 42; 43; 44	45
46	Winter						46
47	Secondary	-	1.0475	-	0.00%	Col. B = Page 18.3; Sum "Winter"; Line 120	47
48	Primary	69	1.0110	70	13.38%	Col. B = Page 18.3; Sum "Winter"; Line 121	48
49	Transmission	450	1.0065	453	86.62%	Col. B = Page 18.3; Sum "Winter"; Line 122	49
50	Total	519		523	100.00%	Sum Lines 47; 48; 49	50
51	Grand Total	1,071		1,078			51
52							52
53	Recorded Demand Determinants for Agricultural Customers:						53
54	Non-Coincident Demand Determinants Pertaining to						54
55	Customers on Schedule PA-T-1 @ 100% Non-Coincident Demand Rate						55
56	Secondary	741	1.0475	776	83.75%	Col. B = Page 18.4; Column Total; Line 154	56
57	Primary	149	1.0110	150	16.25%	Col. B = Page 18.4; Column Total; Line 155	57
58	Transmission	-	1.0065	-	0.00%	Col. B = Page 18.4; Column Total; Line 156	58
59	Total	889		926	100.00%	Sum Lines 56; 57; 58	59
60							60
61	Recorded Demand Determinants for Standby Customers:						61
62	Contracted Demand Determinants						62
63	Secondary	110	1.0475	115	5.59%	Col. B = Page 18.4; Column Total; Line 173	63
64	Primary	1,206	1.0110	1,220	59.16%	Col. B = Page 18.4; Column Total; Line 174	64
65	Transmission	722	1.0065	727	35.25%	Col. B = Page 18.4; Column Total; Line 175	65
66	Total	2,038		2,062	100.00%	Sum Lines 63; 64; 65	66

¹ LF = Transmission Loss Factor; Secondary Level = 1.0475; Primary Level = 1.0110; Transmission Level = 1.0065

Line No.	Line No.	Statement BL												Line No.
		San Diego Gas & Electric												
		FERC Recorded Period: January 2015 - December 2015												
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
1	SDG&E: System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	Residential	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	721,103	585,654	581,904	7,151,816
4	Small Commercial	158,997	145,288	152,623	157,570	148,065	150,826	169,257	171,789	184,457	179,856	158,276	146,961	1,923,965
5	Med. & Large Comm./Ind. (AD)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
6	Med. & Large Comm./Ind. (excluding AD/AG-TOU)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
7	Med. & Large Comm./Ind. (AG-TOU)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
8	Agriculture (PA)	4,831	6,130	5,933	7,997	7,519	7,787	8,937	8,593	9,530	8,554	8,219	7,313	91,342
9	Agriculture (PA-T-1)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
10	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	5,164	7,809	9,966	89,641
11	Sale for Resale	7.5	0.5	3.4	6.8	4.5	0.6	1.5	0.5	0.5	0.5	0.6	3.7	30.5
12	Total System	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,779,922	1,934,884	1,951,229	1,695,442	1,637,252	19,918,795
13														
14														
15														
16														
17														
18														
19	Med. & Large Comm./Ind. Rate Schedule Billing Determinants													
20	Schedule AD:													
21	Total Deliveries (MWh)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
22	Total Deliveries (%)													
23	% @ Secondary Service	97.82%	97.82%	97.62%	97.72%	97.72%	97.56%	97.83%	97.79%	97.53%	97.98%	98.08%	97.40%	97.74%
24	% @ Primary Service	2.18%	2.18%	2.38%	2.28%	2.28%	2.44%	2.17%	2.21%	2.47%	2.02%	1.92%	2.60%	2.26%
25	% @ 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%
26	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%
27	Total Deliveries (MWh)	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128
28	MWh @ Secondary Service	70	66	73	73	73	74	72	77	92	74	62	74	880
29	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MWh @ Transmission Service	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
31	Maximum Demand (%)													
32	% @ Secondary Service	0.4139%	0.4290%	0.4498%	0.4504%	0.4489%	0.4466%	0.4359%	0.4159%	0.4248%	0.4371%	0.4367%	0.4245%	0.4342%
33	% @ Primary Service	0.2144%	0.2475%	0.1971%	0.2102%	0.2205%	0.2071%	0.2223%	0.2378%	0.2254%	0.2244%	0.2116%	0.1907%	0.2175%
34	% @ 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%
35	Maximum Demand (MW)													
36	MW @ Secondary Service	13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565
37	MW @ Primary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914
38	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
39	13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.857	15.720	15.857	13.992	11.866	167.478
40														
41														
42														
43														

Statement BL														
San Diego Gas & Electric														
FERC Recorded Period: January 2015 - December 2015														
Line No.	Line No.	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
		760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
	Schedules OL-TOU/AY-TOU/AL-TOU/DG-R:													
	Total Deliveries (MWh)													
	Total Deliveries (%)													
	% @ Secondary Service	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%
	% @ Primary Service	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%
	% @ Transmission Service	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%
		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%
	Total Deliveries (MWh)	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474
	MWh @ Secondary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312
	MWh @ Primary Service	7,228	-1,706	23,355	17,068	15,732	6,210	7,931	12,283	10,517	-8,332	27,567	49,276	167,129
	MWh @ Transmission Service	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
	Non-Coincident Demand (%)													
	% @ Secondary Service	0.2726%	0.2756%	0.2882%	0.2834%	0.2835%	0.2814%	0.2706%	0.2732%	0.2741%	0.2787%	0.2827%	0.2782%	0.2783%
	% @ Primary Service	0.2109%	0.1924%	0.2153%	0.2399%	0.2104%	0.1644%	0.2149%	0.2092%	0.2161%	0.2183%	0.2164%	0.2043%	0.2098%
	% @ Transmission Service	0.2224%	0.3224%	0.1550%	0.2163%	0.1659%	0.1803%	0.2274%	0.2054%	0.2073%	0.0377%	0.1613%	0.1310%	0.1747%
	Non-Coincident Demand (MW)													
	MW @ Secondary Service	1,666.538	1,583.673	1,605.300	1,745.694	1,624.834	1,641.830	1,814.393	1,790.128	1,886.511	2,027.948	1,720.747	1,643.008	20,750.603
	MW @ Primary Service	300.069	389.513	288.162	325.723	360.115	204.066	355.199	339.785	383.904	450.667	464.349	337.707	4,199.259
	MW @ Transmission Service	16,075	-5,500	36,200	36,918	26,100	11,197	18,035	25,230	21,802	-3,141	44,465	64,551	291,932
		1,982.683	1,967.686	1,929.661	2,108.335	2,011.049	1,857.092	2,187.627	2,155.143	2,292.217	2,475.474	2,229.561	2,045.267	25,241.794
	On-Peak Demand (%)													
	% @ Secondary Service	0.2191%	0.2204%	0.2332%	0.2359%	0.2445%	0.2638%	0.2553%	0.2554%	0.2595%	0.2650%	0.2402%	0.2211%	0.2436%
	% @ Primary Service	0.2151%	0.1891%	0.2098%	0.2164%	0.2158%	0.1924%	0.2281%	0.2252%	0.2412%	0.2261%	0.2145%	0.1968%	0.2146%
	% @ Transmission Service	0.2758%	2.4790%	0.3315%	0.4189%	0.2708%	0.4781%	0.4549%	0.2365%	0.2649%	-0.0769%	0.2104%	0.1647%	0.2617%
	On-Peak Demand (MW)													
	MW @ Secondary Service	1,339.466	1,266.479	1,298.945	1,453.102	1,401.312	1,539.142	1,711.805	1,673.495	1,786.025	1,928.261	1,462.056	1,305.784	18,165.873
	MW @ Primary Service	306.045	382.832	280.801	293.816	369.357	238.822	377.016	365.772	428.495	466.770	460.272	325.309	4,295.307
	MW @ Transmission Service	19,935	-42,287	77,420	71,497	42,604	29,690	36,078	29,050	27,860	6,407	58,001	81,157	437,412
		1,665.447	1,607.023	1,657.166	1,818.416	1,813.273	1,807.654	2,124.900	2,068.316	2,242.380	2,401.438	1,980.329	1,712.251	22,898.592

Statement BL														
San Diego Gas & Electric														
FERC Recorded Period: January 2015 - December 2015														
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
80		65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
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114														
115														
	Schedule A6-TOU:													
	Total Deliveries (MWh)													
	Total Deliveries (%)													
	% @ Secondary Service													
	% @ Primary Service													
	% @ Transmission Service													
	Total Deliveries (MWh)													
	MWh @ Secondary Service													
	MWh @ Primary Service													
	MWh @ Transmission Service													
	Non-Coincident Demand (%)													
	% @ Secondary Service													
	% @ Primary Service													
	% @ Transmission Service													
	Non-Coincident Demand (MW)													
	MW @ Secondary Service													
	MW @ Primary Service													
	MW @ Transmission Service													
	Coincident Peak Demand (%)													
	% @ Secondary Service													
	% @ Primary Service													
	% @ Transmission Service													
	Coincident Peak Demand (MW)													
	MW @ Secondary Service													
	MW @ Primary Service													
	MW @ Transmission Service													

Statement BL														
San Diego Gas & Electric														
FERC Recorded Period: January 2015 - December 2015														
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
116		12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
117														
118	Schedule PA-T-1:													
119	Total Deliveries (MWh)													
120														
121	Total Deliveries (%)													
122	% @ Secondary Service	94.63%	78.27%	83.89%	86.55%	98.14%	90.28%	92.57%	40.24%	99.97%	67.33%	85.64%	82.87%	77.48%
123	% @ Primary Service	5.37%	21.73%	16.11%	13.45%	1.86%	9.72%	7.43%	59.76%	0.03%	32.67%	14.36%	17.13%	22.52%
124	% @ 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%
125		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%
126	Total Deliveries (MWh)													
127	MWh @ Secondary Service	11,835	12,958	12,891	16,840	15,747	14,323	17,730	17,830	17,334	17,502	10,429	15,269	180,689
128	MWh @ Primary Service	672	3,597	2,476	2,617	298	1,542	1,423	26,479	5	8,493	1,749	3,156	52,507
129	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
130		12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
131	Non-Coincident Demand (%)													
132	% @ Secondary Service	0.5244%	0.4387%	0.4382%	0.3850%	0.3815%	0.4172%	0.3710%	0.3812%	0.3713%	0.3843%	0.4603%	0.4396%	0.4099%
133	% @ Primary Service	-2.2172%	0.2718%	0.3699%	0.3627%	1.8096%	0.4834%	0.5208%	0.2058%	122.1367%	0.3326%	0.6172%	0.4805%	0.2835%
134	% @ 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%
135														
136	Non-Coincident Demand (MW)													
137	MW @ Secondary Service	62.062	56.846	56.489	64.834	60.074	59.757	65.780	67.967	64.361	67.261	48.006	67.122	740.561
138	MW @ Primary Service	-14.891	9.778	9.157	9.492	5.401	7.455	7.412	54.493	6.353	28.246	10.793	15.166	148.855
139	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
140		47.171	66.624	65.647	74.326	65.475	67.212	73.192	122.460	70.715	95.507	58.800	82.287	889.416
141														
142														
143														
144														
145	Schedule S: Standby Determinants:													
146	Contracted Standby Demand (MW)													
147	MW @ Secondary Service	9,542	9,542	8,944	8,944	8,969	9,103	9,041	8,892	8,813	8,813	9,665	9,776	110,043
148	MW @ Primary Service	102,094	102,069	102,060	102,032	102,037	98,984	97,591	99,087	102,464	99,190	99,412	99,403	1,206,423
149	MW @ Transmission Service	58,810	58,726	58,757	58,799	58,189	58,217	60,904	60,832	60,916	62,416	62,575	62,789	721,930
150		170,446	170,337	169,761	169,775	169,195	166,304	167,536	168,811	172,193	170,419	171,652	171,968	2,038,396
151														

San Diego Gas & Electric Company

Section 2.1

Summary of Retail 12-Month True-Up Adjustment Calculation

Docket No. ER17-_____ - _____

Section 2.1
SAN DIEGO GAS & ELECTRIC COMPANY
 Summary of Retail True-Up Adjustment Calculation
 For True-Up Period 12 Months Ending
 January 1, 2015 through December 31, 2015
 TO4-Cycle 4 True-Up Adjustment Mechanism

Line No.	Description	TO4-Formula Cycle in Effect												Line No.	
		Cycle - 2 Jan-15	Cycle - 2 Feb-15	Cycle - 2 Mar-15	Cycle - 2 Apr-15	Cycle - 2 May-15	Cycle - 2 Jun-15	Cycle - 2 Jul-15							
1	Beginning Balance (Overcollection)/Undercollection:	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	1
2		-	11,212,828	13,856,292	15,994,927	17,984,570	21,557,279	23,271,805							2
3	Total Recorded Retail Revenues @ Meter Level	51,644,856	54,255,950	54,082,333	55,761,179	54,811,970	55,064,599	65,103,011							3
4															4
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:														5
6	a) Amortization of TO3 Final True-Up Adjustment and Interest True-Up Adjustment:														6
7	i. Amortization of TO3 Final True-Up Adjustment	(6,646,982)	(6,175,545)	(5,929,542)	(6,102,454)	(5,989,392)	(5,757,758)	(6,969,286)							7
8	ii. Amortization of TO3 Final Interest True-Up Adjustment	(299,864)	(278,596)	(267,498)	(275,299)	(270,198)	(259,748)	(314,404)							8
9	b) Amortization of TO4 Cycle 2, 4-month True-Up Adjustment and Interest True-Up Adjustment:														9
10	i. Amortization of TO4 Cycle 2 True-Up Adjustment	(499,773)	(464,327)	(445,830)	(458,831)	(450,330)	(432,914)	(524,006)							10
11	ii. Amortization of Cycle 2 Interest True-Up Adjustment	-	-	-	-	-	-	-							11
12															12
13															13
14															14
15	Total Amortization of True-Up Adjustments	(7,446,619)	(6,918,468)	(6,642,870)	(6,836,584)	(6,709,920)	(6,450,420)	(7,807,696)							15
16															16
17	Adjusted Total Recorded Retail Revenues @ Meter Level	\$ 44,198,237	\$ 47,337,482	\$ 47,439,463	\$ 48,924,595	\$ 48,102,050	\$ 48,614,179	\$ 57,295,315							17
18															18
19	Total True-Up Revenues (TU Cost of Service)	\$ 55,395,389	\$ 49,949,687	\$ 49,536,496	\$ 50,868,427	\$ 51,619,606	\$ 50,268,539	\$ 59,888,522							19
20															20
21	Net Monthly (Overcollection)/Undercollection:	\$ 11,197,152	\$ 2,612,205	\$ 2,097,033	\$ 1,943,833	\$ 3,517,556	\$ 1,654,360	\$ 2,293,207							21
22															22
23	Interest Expense Calculations:														23
24	Beginning Balance for Interest Calculation														24
25	Monthly Activity Included in Interest Calculation Basis	5,598,576	12,503,255	14,857,874	14,857,874	15,994,927	15,994,927	23,271,805							25
26	Basis for Interest Expense Calculation	5,598,576	12,503,255	14,857,874	16,966,843	19,697,538	22,283,496	24,418,408							26
27	Monthly Interest Rate	0.280000%	0.250000%	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%							27
28	Interest Expense	\$ 15,676	\$ 31,258	\$ 41,602	\$ 45,810	\$ 55,153	\$ 60,165	\$ 68,372							28
29															29
30	Ending Balance (Overcollection)/Undercollection:	\$ 11,212,828	\$ 13,856,292	\$ 15,994,927	\$ 17,984,570	\$ 21,557,279	\$ 23,271,805	\$ 25,633,383							30
31															31
32		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15							32
33	ANNUAL FERC INTEREST RATE - Website	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%							33
34	Days in Year	365	365	365	365	365	365	365							34
35	Days in Month	31	28	31	30	31	30	31							35
36	Monthly Interest Rate - Calculated	0.280000%	0.250000%	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%							36
37	Monthly FERC Interest Rates - Website	0.280000%	0.250000%	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%							37
38	Difference	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%							38

Section 2.1
SAN DIEGO GAS & ELECTRIC COMPANY
Summary of Retail True-Up Adjustment Calculation
For True-Up Period 12 Months Ending
January 1, 2015 through December 31, 2015
TO4-Cycle 4 True-Up Adjustment Mechanism

Line No.	TO4-Formula Cycle in Effect Description	Cycle -2				Total	Reference
		Aug-15	Sep-15	Oct-15	Nov-15		
1	Beginning Balance (Overcollection)/Undercollection:	\$ 25,633,383	\$ 27,631,367	\$ 30,488,435	\$ 33,177,426	\$ 33,808,616	Previous Month's Balance
2							
3	Total Recorded Retail Revenues @ Meter Level	\$ 67,133,868	\$ 73,697,635	\$ 74,175,811	\$ 62,426,915	\$ 57,847,518	Statement BH; Page 1; Line 13
4							
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:						
6	a) Amortization of TO3 Final True-Up Adjustment and Interest True-Up Adjustment:						
7	i. Amortization of TO3 Final True-Up Adjustment	\$ (7,101,888)	\$ (7,720,187)	\$ (7,785,403)	\$ (6,764,811)	\$ (7,064,678)	Pages 2.1 & 2.2; Line 19
8	ii. Amortization of TO3 Final Interest True-Up Adjustment	\$ (320,386)	\$ (348,279)	\$ (351,221)	\$ (305,179)	\$ (284,212)	Pages 3.1 & 3.2; Line 19
9							
10	b) Amortization of TO4 Cycle 2, 4 month True-Up Adjustment and Interest True-Up Adjustment:						
11	i. Amortization of Cycle 2 True-Up Adjustment	\$ (533,977)	\$ (580,465)	\$ (585,369)	\$ (508,632)	\$ (534,237)	Pages 4.1 & 4.2; Line 19
12	ii. Amortization of Cycle 2 Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 4 Filing
13							
14							
15	Total Amortization of True-Up Adjustments	\$ (7,956,251)	\$ (8,648,931)	\$ (8,721,993)	\$ (7,578,622)	\$ (7,883,127)	Sum Lines 7 through 12
16							
17	Adjusted Total Recorded Retail Revenues @ Meter Level	\$ 59,177,617	\$ 65,048,704	\$ 65,453,818	\$ 54,848,293	\$ 49,964,391	Sum Lines 3 & 15
18							
19	Total True-Up Revenues (TU Cost of Service)	\$ 61,101,326	\$ 67,827,801	\$ 68,053,801	\$ 55,389,415	\$ 53,106,223	Statement BG; Pages 2.1 & 2.2; Line 13
20							
21	Net Monthly (Overcollection)/Undercollection:	\$ 1,923,709	\$ 2,779,096	\$ 2,599,983	\$ 541,122	\$ 3,141,832	Line 19 Minus Line 17
22							
23	Interest Expense Calculations:						
24	Beginning Balance for Interest Calculation	\$ 23,271,805	\$ 23,271,805	\$ 30,488,435	\$ 30,488,435	\$ 30,488,435	Beginning Quarterly Balances
25	Monthly Activity Included in Interest Calculation Basis	\$ 3,255,061	\$ 5,606,464	\$ 1,299,992	\$ 2,870,544	\$ 4,712,021	Interest Calculation Basis
26	Basis for Interest Expense Calculation	\$ 26,526,866	\$ 28,878,269	\$ 31,788,426	\$ 33,358,979	\$ 35,200,455	Sum Lines 24 & 25
27	Monthly Interest Rate	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	FERC Monthly Rates
28	Interest Expense	\$ 74,275	\$ 77,971	\$ 89,008	\$ 90,069	\$ 98,561	Line 26 x Line 27
29							
30	Ending Balance (Overcollection)/Undercollection:	\$ 27,631,367	\$ 30,488,435	\$ 33,177,426	\$ 33,808,616	\$ 37,049,009	Sum Lines 1; 21; & 28
31							
32							
33	ANNUAL FERC INTEREST RATE - Website	3.25%	3.25%	3.25%	3.25%	3.25%	Annual Interest Rate - FERC Website
34	Days in Year	365	365	365	365	365	Number of Days Per Year
35	Days in Month	31	30	31	30	31	Number of Days Per Month (Line 33)/(Line 34)(Line 35)
36	Monthly Interest Rate - Calculated	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	Monthly Interest Rate - FERC Website
37	Monthly FERC Interest Rates - Website	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	Line 36 - Line 37
38	Difference	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	

San Diego Gas & Electric Company

Section 2.1A

Amortization of TO3 Final True-Up
Adjustment Excluded from Recorded
Revenues to Derive the Adjusted Retail
Revenues at Meter Level

Docket No. ER17-_____-_____

Section 2.1A
SAN DIEGO GAS & ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Filing
Amortization Schedule - TO3 Final Retail True-Up Adjustment
Amortization Period: January 1, 2015 - December 31, 2015

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	Line No.
1	Derivation of Amortization Rates:								1
2	TO3 Final Retail True-Up Adjustment	\$ 80,007,926							2
3	Forecast Sales TO4-Cycle 2 (kWh)	20,061,753,719							3
4	Estimated Amortization Rate Per kWh	0.00399							4
5									5
6									6
7	Derivation of Forecast Sales: ¹								7
8	Total Per TO4-Cycle 2 Filing - MWH	1,725,846	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145	8
9	Exclude Sale for Resale	3	3	3	3	3	3	3	9
10	Total Forecast Sales Net of Resale - MWH	1,725,842	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142	10
11	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	11
12	Total Forecast Sales Net of Resale - kWh	1,725,842,475	1,603,068,361	1,563,223,212	1,514,249,990	1,544,751,026	1,616,790,058	1,785,141,593	12
13									13
14									14
15	Amortization of TO3 Final Retail True-Up Adjustment: ²								15
16	Beginning Retail True-Up Adjustment Balance	\$ 80,007,926	\$ 73,360,944	\$ 67,185,399	\$ 61,255,857	\$ 55,153,403	\$ 49,164,011	\$ 43,406,253	16
17	Recorded Sales in Total kWh	1,665,910,282	1,547,755,534	1,486,100,698	1,529,437,074	1,501,100,754	1,443,047,056	1,746,688,223	17
18	Amortization Rate Per kWh	0.00399	0.00399	0.00399	0.00399	0.00399	0.00399	0.00399	18
19	Amortization of TO3 Final Retail True-Up Adjustment	\$ 6,646,982	\$ 6,175,545	\$ 5,929,542	\$ 6,102,454	\$ 5,989,392	\$ 5,757,758	\$ 6,969,286	19
20	Ending TO3 Final Retail True-Up Adjustment Balance	\$ 73,360,944	\$ 67,185,399	\$ 61,255,857	\$ 55,153,403	\$ 49,164,011	\$ 43,406,253	\$ 36,436,967	20
21									21

NOTES:

- 1 The derivation of forecast sales shown on lines 8 through 12 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.
- 2 On lines 16 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 17, to indicate the amortization of the true-up adjustment

Section 2.1A
SAN DIEGO GAS & ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Filing
Amortization Schedule - TO3 Final Retail True-Up Adjustment
Amortization Period: January 1, 2015 - December 31, 2015

Line No.	Description	(h)	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:								
2	TO3 Final Retail True-Up Adjustment							TO4-Cycle 2 Filing	1
3	Forecast Sales TO4-Cycle 2 (kWh)							Vol 4; Sec 2.1A; Pg 3; Col. Aug-13; Line 40	2
4	Estimated Amortization Rate Per kWh							See Line 12; Col. M	3
5								Line 2 / Line 3	4
6									5
7	Derivation of Forecast Sales: ¹							TO4-Cycle 2 Filing	6
8	Total Per TO4-Cycle 2 Filing - MWH	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	Total	Vol 6; Stmt BD; Pg BDWP-2.1; Line 11 "Total System"	7
9	Exclude Sale for Resale	3	3	3	3	3		Vol 6; Stmt BD; Pg BDWP-2.1; Line 10 "Sale for Resale"	8
10	Total Forecast Sales Net of Resale - MWH	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342		Line 8 Minus Line 9	9
11	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000		MWH Conversion Factor	10
12	Total Forecast Sales Net of Resale - kWh	1,780,026,518	1,942,540,533	1,698,795,833	1,616,982,573	1,670,341,547		Line 10 x Line 11	11
13									12
14									13
15	Amortization of TO3 Final Retail True-Up Adjustment: ²								14
16	Beginning Retail True-Up Adjustment Balance	\$ 36,436,967	\$ 29,335,079	\$ 21,614,892	\$ 13,829,489	\$ 7,064,678	Total	Beginning Balance	15
17	Recorded Sales in Total kWh	1,779,921,852	1,934,883,872	1,951,228,818	1,695,441,449	1,637,248,593		Recorded Sales (January 2015 - December 2015)	16
18	Amortization Rate Per kWh	\$ 0.00399	\$ 0.00399	\$ 0.00399	\$ 0.00399	\$ 0.00399		See Line 4 Above	17
19	Amortization of TO3 Final Retail True-Up Adjustment	\$ 7,101,888	\$ 7,720,187	\$ 7,785,403	\$ 6,764,811	\$ 7,064,678		Line 17 x Line 18	18
20	Ending TO3 Final Retail True-Up Adjustment Balance	\$ 29,335,079	\$ 21,614,892	\$ 13,829,489	\$ 7,064,678	\$ -		Line 16 Minus Line 19	19
21									20

NOTES:

- The derivation of forecast sales shown on lines 8 through 12 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.
- On lines 16 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 17, to indicate the amortization of the true-up adjustment

San Diego Gas & Electric Company

Section 2.1B

Amortization of TO3 Final Interest True-Up Adjustment Excluded from Recorded Revenues to Derive the Adjusted Retail Revenues at Meter Level

Docket No. ER17-_____ - _____

Section 2.1B
SAN DIEGO GAS & ELECTRIC COMPANY
 TO4-Cycle 4 Annual Transmission Formulaic Filing
 Amortization Schedule - TO3 Final Retail Interest True-Up Adjustment
 Amortization Period: January 1, 2015 - December 31, 2015

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	Line No.
1	Derivation of Amortization Rates:								1
2	TO3 Final Retail Interest True-Up Adjustment	\$ 3,574,884							2
3	Forecast Sales TO4-Cycle 2 (kWh)	20,061,753,719							3
4	Estimated Amortization Rate Per kWh	0.00018							4
5									5
6	Derivation of Forecast Sales:¹								6
7	Total Per TO4-Cycle 2 Filing - MWH	1,725,846	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145	7
8	Exclude Sale for Resale	3	3	3	3	3	3	3	8
9	Total Forecast Sales, Net of Resale - MWH	1,725,842	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142	9
10	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10
11	Total Forecast Sales, Net of Resale - kWh	1,725,842,475	1,603,068,361	1,563,223,212	1,514,249,990	1,544,751,026	1,616,790,058	1,785,141,593	11
12									12
13									13
14	Amortization of TO3 Final Retail Interest True-Up Adjustment:²								14
15	Beginning Retail True-Up Adjustment Balance	\$ 3,574,884	\$ 3,275,020	\$ 2,996,424	\$ 2,728,926	\$ 2,453,627	\$ 2,183,429	\$ 1,923,681	15
16	Recorded Sales in Total kWh	1,665,910,282	1,547,755,534	1,486,100,698	1,529,437,074	1,501,100,754	1,443,047,056	1,746,688,223	16
17	Amortization Rate Per kWh	0.00018	0.00018	0.00018	0.00018	0.00018	0.00018	0.00018	17
18	Amortization of TO3 Final Retail Interest True-Up Adjustment	\$ 299,864	\$ 278,596	\$ 267,498	\$ 275,299	\$ 270,198	\$ 259,748	\$ 314,404	18
19	Ending TO3 Final Retail Interest True-Up Adjustment Balance	\$ 3,275,020	\$ 2,996,424	\$ 2,728,926	\$ 2,453,627	\$ 2,183,429	\$ 1,923,681	\$ 1,609,277	19
20									20
21									21

NOTES:

- ¹ The derivation of forecast sales shown on lines 8 through 12 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.
- ² On lines 16 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on line 17, to indicate the amortization of the true-up adjustment over the 2015 rate effective period.

Section 2.1B
SAN DIEGO GAS & ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Filing
Amortization Schedule - TO3 Final Retail Interest True-Up Adjustment
Amortization Period: January 1, 2015 - December 31, 2015

Line No.	Description	(h)	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:								
2	TO3 Final Retail Interest True-Up Adjustment							TO4-Cycle 2 Filing	1
3	Forecast Sales TO4-Cycle 2 (kWh)							Vol 4; Sec 2.1A; (Pg 5; Col. Total; Line 40) minus (Pg 3; Col. Aug-13; Line 40)	2
4	Estimated Amortization Rate Per kWh							See Line 12; Col. M	3
5								Line 2 / Line 3	4
6									5
7	Derivation of Forecast Sales:¹							TO4-Cycle 2 Filing	6
8	Total Per TO4-Cycle 2 Filing - MWH	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	Total	Vol 6; Stmt BD; Pg BDWP-2.1; Line 11 "Total System"	7
9	Exclude Sale for Resale	3	3	3	3	3		Vol 6; Stmt BD; Pg BDWP-2.1; Line 10 "Sale for Resale"	8
10	Total Forecast Sales Net of Resale - MWH	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342		Line 8 Minus Line 9	9
11	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000		MWH Conversion Factor	10
12	Total Forecast Sales Net of Resale - kWh	1,780,026,518	1,942,540,533	1,698,795,833	1,616,982,573	1,670,341,547		Line 10 x Line 11	11
13									12
14									13
15	Amortization of TO3 Final Retail Interest True-Up Adjustment:²								14
16	Beginning Retail True-Up Adjustment Balance	\$ 1,609,277	\$ 1,288,891	\$ 940,612	\$ 589,391	\$ 284,212	Total	Beginning Balance	15
17	Recorded Sales in Total kWh	1,779,921,852	1,934,883,872	1,951,228,818	1,695,441,449	1,637,248,393		Recorded Sales (January 2015 - December 2015)	16
18	Amortization Rate Per kWh	\$ 0.00018	\$ 0.00018	\$ 0.00018	\$ 0.00018	\$ 0.00018		See Line 4 Above	17
19	Amortization of TO3 Final Retail Interest True-Up Adjustment	\$ 320,386	\$ 348,279	\$ 351,221	\$ 305,179	\$ 284,212		Line 17 x Line 18	18
20	Ending TO3 Final Retail Interest True-Up Adjustment Balance	\$ 1,288,891	\$ 940,612	\$ 589,391	\$ 284,212	\$ -		Line 16 Minus Line 19	19
21									20

NOTES:

- The derivation of forecast sales shown on lines 8 through 12 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.
- On lines 16 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 17, to indicate the amortization of the true-up adjustment over the 2015 rate effective period.

San Diego Gas & Electric Company

Section 2.1C

Amortization of TO4 Cycle 2 True-Up
Adjustment Excluded from Recorded
Revenues to Derive the Adjusted Retail
Revenues at Meter Level

Docket No. ER17-____-____

Section 2.1C
SAN DIEGO GAS & ELECTRIC COMPANY
 TO4-Cycle 4 Annual Transmission Formulaic Filing
 Amortization Schedule - TO4 Cycle 2 Retail True-Up Adjustment
 Amortization Period: January 1, 2015 - December 31, 2015

Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	Line No.
1	Derivation of Amortization Rates:								1
2	TO4-Cycle 2 Retail True-Up Adjustment	\$ 6,018,691							2
3	Forecast Sales TO4-Cycle 2 (kWh)	20,061,753,719							3
4	Estimated Amortization Rate Per kWh	\$ 0.00030							4
5									5
6									6
7	Derivation of Forecast Sales: ¹		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
8	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,725,846	1,603,071	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145
9	Exclude Sale for Resale	3	3	3	3	3	3	3	3
10	Total Forecast Sales Net of Resale - MWH	1,725,842	1,603,068	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142
11	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
12	Total Forecast Sales Net of Resale - kWh	1,725,842,475	1,603,068,361	1,603,068,361	1,563,223,212	1,514,249,990	1,544,751,026	1,616,790,058	1,785,141,593
13									
14									
15	Amortization of TO4-Cycle 2 True-Up Adjustment: ²		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
16	Beginning Retail True-Up Adjustment Balance	\$ 6,018,691	\$ 5,518,918	\$ 5,054,591	\$ 4,608,761	\$ 4,149,930	\$ 3,699,600	\$ 3,266,686	\$ 2,742,680
17	Recorded Sales in Total kWh	1,665,910,282	1,547,755,534	1,486,100,698	1,529,437,074	1,501,100,754	1,443,047,056	1,746,688,223	1,746,688,223
18	Amortization Rate Per kWh	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030
19	Amortization of TO4-Cycle 2 True-Up Adjustment	\$ 499,773	\$ 464,327	\$ 445,830	\$ 458,831	\$ 450,330	\$ 432,914	\$ 524,006	\$ 524,006
20	Ending TO4-Cycle 2 True-Up Adjustment Balance	\$ 5,518,918	\$ 5,054,591	\$ 4,608,761	\$ 4,149,930	\$ 3,699,600	\$ 3,266,686	\$ 2,742,680	\$ 2,218,674
21									

NOTES:

- 1 The derivation of forecast sales shown on lines 8 through 12 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.
- 2 On lines 16 through 20, SDG&E is taking the amortization rate on line 4 and the recorded sales on 17, to indicate the amortization of the true-up adjustment over the 2015 rate effective period.

Section 2.1C
SAN DIEGO GAS & ELECTRIC COMPANY
 TO4-Cycle 4 Annual Transmission Formulaic Filing
 Amortization Schedule - TO4 Cycle 2 Retail True-Up Adjustment
 Amortization Period: January 1, 2015 - December 31, 2015

Line No.	Description	(h)	(i)	(j)	(k)	(l)	(m)	Reference	Line No.
1	Derivation of Amortization Rates:								
2	TO3 Final Retail True-Up Adjustment								
3	Forecast Sales TO4-Cycle 2 (kWh)								
4	Estimated Amortization Rate Per kWh								
5									
6	Derivation of Forecast Sales:¹								
7	Total Per TO4-Cycle 2 Filing - MWH	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total		
8	Exclude Sale for Resale	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791		
9	Total Forecast Sales Net of Resale - MWH	3	3	3	3	3	37		
10	Conversion Factor from MWH to kWh	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	20,061,754		
11	Total Forecast Sales Net of Resale - kWh	1,000	1,000	1,000	1,000	1,000	1,000		
12		1,780,026,518	1,942,540,533	1,698,795,833	1,616,982,573	1,670,341,547	20,061,753,719		
13									
14									
15	Amortization of TO3 Final Retail True-Up Adjustment:²								
16	Beginning Retail True-Up Adjustment Balance	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total		
17	Recorded Sales in Total kWh	\$ 2,742,680	\$ 2,208,703	\$ 1,628,238	\$ 1,042,869	\$ 534,237			
18	Amortization Rate Per kWh	1,779,921,852	1,934,883,872	1,951,228,818	1,695,441,449	1,637,248,593	19,918,764,205		
19	Amortization of TO3 Final Retail True-Up Adjustment	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030	\$ 0.00030			
20	Ending TO3 Final Retail True-Up Adjustment Balance	\$ 533,977	\$ 580,465	\$ 585,369	\$ 508,632	\$ 534,237	\$ 6,018,691		
21		\$ 2,208,703	\$ 1,628,238	\$ 1,042,869	\$ 534,237	\$ -			

NOTES:

- The derivation of forecast sales shown on lines 8 through 12 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.
- On lines 16 through 20, SDG&E is taking the product between the amortization rate on line 4 and the recorded sales on 17, to indicate the amortization of the true-up adjustment over the 2015 rate effective period.

San Diego Gas & Electric Company

Section 2.2

TO4 Cycle 3 12-month Interest True-Up Adjustment Calculation

Docket No. ER17 - ____ - ____

Section 2.2
SAN DIEGO GAS & ELECTRIC COMPANY
TO4 Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of TO4 Cycle 3 RETAIL Interest True-Up Adjustment

Line No.	Rate Effective Period from Prior Cycle 3 Filing	(a) ^b Jan-15	(b) ^b Feb-15	(c) ^b Mar-15	(d) ^b Apr-15	(e) ^b May-15	(f) ^b Jun-15	(g) ^b Jul-15	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection^a	\$ 27,512,049	\$ 27,589,083	\$ 27,657,863	\$ 27,734,897	\$ 27,809,781	\$ 27,887,439	\$ 27,962,323	1
2	Part A1: Amortization of True-Up Adjustment Balance:								2
3	Total Recorded Sales in KWHs	-	-	-	-	-	-	-	3
4	Amortization Rate Per KWH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4
5	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5
6	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	6
7									7
8									8
9									9
10									10
11	Part A2: Calculation of Interest on Remaining TU Balance:								11
12	Interest Expense Calculations:								12
13	Beginning Balance for Interest Calculation ^c	\$ 27,512,049	\$ 27,512,049	\$ 27,512,049	\$ 27,734,897	\$ 27,734,897	\$ 27,734,897	\$ 27,962,323	13
14	Monthly Activity Included in Interest Calculation Basis ^d	0	0	0	0	0	0	0	14
15	Basis for Interest Expense Calculation	27,512,049	27,512,049	27,512,049	27,734,897	27,734,897	27,734,897	27,962,323	15
16	Monthly Interest Rate	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	16
17	Interest Expense	\$ 77,034	\$ 68,780	\$ 77,034	\$ 74,884	\$ 77,658	\$ 74,884	\$ 78,295	17
18									18
19									19
20	Ending Balance (Overcollection)/Undercollection	\$ 27,589,083	\$ 27,657,863	\$ 27,734,897	\$ 27,809,781	\$ 27,887,439	\$ 27,962,323	\$ 28,040,618	20
21									21
22	Annual FERC Interest Rates ^e	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	22
23	Days in Year ^e	365	365	365	365	365	365	365	23
24	Days in Month ^e	31	28	31	30	31	30	31	24
25	Monthly Interest Rates - Calculated	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	25
26	Monthly FERC Interest Rates - Website ^e	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	26
27	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27

NOTES:

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "m" is a component of BTRR.
- b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d **Monthly Activity Calculated as Follows:**
 a) 1st Month of Quarter = Column A, Line 10 Divided by 2
 b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
 c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
- e The FERC interest rate information comes from the FERC website.

Section 2.2
SAN DIEGO GAS & ELECTRIC COMPANY
TO4 Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of TO4 Cycle 3 RETAIL Interest True-Up Adjustment

Line No.	Rate Effective Period from Prior Cycle 3 Filing	(b) Aug-15	(i) Sep-15	(j) Oct-15	(k) Nov-15	(l) Dec-15	(m) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection ^a	\$ 28,040,618	\$ 28,118,913	\$ 28,194,411	\$ 28,273,355	\$ 28,349,480		Previous Month's Ending Balance from Line 20	1
2	Part A1: Amortization of True-Up Adjustment Balance:								2
3	Total Recorded Sales in KWHs	-	-	-	-	-	-	N/A for 2015	3
4	Amortization Rate Per KWH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	N/A for 2015	4
5	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 4 x Line 6	5
6	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Minus Line 8 from Columns (a) through (l)	6
7									7
8									8
9									9
10									10
11	Part A2: Calculation of Interest on Remaining JU Balance:								11
12	Interest Expense Calculations:								12
13	Beginning Balance for Interest Calculation ^c	\$ 27,962,323	\$ 27,962,323	\$ 28,194,411	\$ 28,194,411	\$ 28,194,411		Balance at Beginning of Quarter (See Footnote c)	13
14	Monthly Activity Included in Interest Calculation Basis ^d	0	0	0	0	0		See Footnote d	14
15	Basis for Interest Expense Calculation	27,962,323	27,962,323	28,194,411	28,194,411	28,194,411		Line 14 + Line 15	15
16	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 26 Below	16
17	Interest Expense	\$ 78,295	\$ 75,498	\$ 78,944	\$ 76,125	\$ 78,944	\$ 916,375	Line 16 x Line 17 - Columns (a) through (l)	17
18									18
19									19
20	Ending Balance (Overcollection)/Undercollection	\$ 28,118,913	\$ 28,194,411	\$ 28,273,355	\$ 28,349,480	\$ 28,428,424	\$ 28,428,424	Line 1 + Line 10 + Line 18	20
21									21
22	Annual FERC Interest Rates ^e	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	22
23	Days in Year ^e	365	365	365	365	365	365	Number of Days Per Year from FERC Website	23
24	Days in Month ^e	31	30	31	30	31	31	Number of Days Per Month from FERC Website	24
25	Monthly Interest Rates - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 22) / (Line 23) x (Line 24)	25
26	Monthly FERC Interest Rates - Website ^e	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate from FERC Website	26
27	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26	27

NOTES:

a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "m" is a component of BTRR.

b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period.

c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (ii) (B).

d **Monthly Activity Calculated as Follows:**
a) 1st Month of Quarter = Column A, Line 10 Divided by 2
b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2); Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.

e The FERC interest rate information comes from the FERC website.

Section 2.2
SAN DIEGO GAS & ELECTRIC COMPANY
TO4 Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of TO4 Cycle 3 RETAIL Interest True-Up Adjustment

Line No.	Rate Effective Period from Prior Cycle 3 Filing	(n) ^{b, g} Jan-16	(o) ^{b, g} Feb-16	(p) ^{b, g} Mar-16	(q) ^{b, g} Apr-16	(r) ^{b, g} May-16	(s) ^{b, g} Jun-16	(t) ^{b, g} Jul-16	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection ^a	\$ 28,428,424	\$ 26,137,913	\$ 24,195,930	\$ 21,770,182	\$ 19,687,134	\$ 17,694,805	\$ 15,543,018	1
2	Part A1: Amortization of True-Up Adjustment Balance:								2
3	Total Recorded Sales in KWHs	1,588,820,414	1,347,380,221	1,671,267,619	1,437,248,887	1,373,663,135	1,475,469,123	1,502,811,640	3
4									4
5	Amortization Rate Per KWH ^f	\$ 0.00149	\$ 0.00149	\$ 0.00149	\$ 0.00149	\$ 0.00149	\$ 0.00149	\$ 0.00149	5
6									6
7	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 2,366,797	\$ 2,007,134	\$ 2,489,615	\$ 2,141,007	\$ 2,046,286	\$ 2,197,942	\$ 2,238,673	7
8									8
9	Net Monthly Collection/(Refunds)	\$ (2,366,797)	\$ (2,007,134)	\$ (2,489,615)	\$ (2,141,007)	\$ (2,046,286)	\$ (2,197,942)	\$ (2,238,673)	9
10									10
11	Part A2: Calculation of Interest on Remaining TU Balance:								11
12	Interest Expense Calculations:								12
13	Beginning Balance for Interest Calculation ^c	\$ 28,428,424	\$ 28,428,424	\$ 28,428,424	\$ 21,770,182	\$ 21,770,182	\$ 21,770,182	\$ 15,543,018	13
14	Monthly Activity Included in Interest Calculation Basis ^d	(1,183,399)	(3,370,364)	(5,618,739)	(1,070,504)	(3,164,150)	(5,286,264)	(1,119,337)	14
15	Basis for Interest Expense Calculation	27,245,025	25,058,060	22,809,685	20,699,678	18,606,032	16,483,918	14,423,681	15
16	Monthly Interest Rate	0.28%	0.26%	0.28%	0.28%	0.29%	0.28%	0.30%	16
17	Interest Expense	\$ 76,286	\$ 65,151	\$ 63,867	\$ 57,959	\$ 53,957	\$ 46,155	\$ 43,271	17
18									18
19	Ending Balance (Overcollection)/Undercollection	\$ 26,137,913	\$ 24,195,930	\$ 21,770,182	\$ 19,687,134	\$ 17,694,805	\$ 15,543,018	\$ 13,347,616	19
20									20
21	Annual FERC Interest Rates ^e	3.25%	3.25%	3.25%	3.46%	3.46%	3.46%	3.50%	21
22	Days in Year ^e	366	366	366	366	366	366	366	22
23	Days in Month ^e	31	29	31	30	31	30	31	23
24	Monthly Interest Rates - Calculated	0.28%	0.26%	0.28%	0.28%	0.29%	0.28%	0.30%	24
25	Monthly FERC Interest Rates - Website ^e	0.28%	0.26%	0.28%	0.28%	0.29%	0.28%	0.30%	25
26	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26
27									27

NOTES:

a The (overcollection)/undercollection balance in column (o), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "z", is a component of BTRR.

b The months indicated in columns (n) through (y) pertain to the prior cycle's Rate Effective Period.

c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).

d **Monthly Activity Calculated as Follows:**
a) 1st Month of Quarter = Column A, Line 10 Divided by 2
b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.

e The FERC interest rate information comes from the FERC website.

f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.

g Indicates Actual Recorded Sales reported for the year.

h Annual and Monthly FERC Interest Rates for October 2016 through December 2016 have been temporarily updated using the increased Q3 2016 rates to derive a more accurate Interest True-Up adjustment.

Section 2.2
SAN DIEGO GAS & ELECTRIC COMPANY
TO4 Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of TO4 Cycle 3 RETAIL Interest True-Up Adjustment

Line No.	Rate Effective Period from Prior Cycle 3 Filing	(u) b Aug-16	(v) b Sep-16	(w) b Oct-16	(x) b Nov-16	(y) b Dec-16	(z) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection^a	\$ 13,347,616	\$ 10,737,753	\$ 7,878,060	\$ 5,373,519	\$ 2,982,873		Previous Month's Ending Balance from Line 20	1
2	Part A1: Amortization of True-Up Adjustment Balance:								2
3	Total Recorded Sales in KWHs	1,776,119,002	1,937,639,550	1,694,611,354	1,612,913,981		17,417,944,927	Page 5; Line 13	3
4									4
5	Amortization Rate Per KWH ^f	\$ 0.00149	\$ 0.00149	\$ 0.00149	\$ 0.00149			(Line 1: Col (n)) / (Page 5; Line 13; Col. Total)	5
6									6
7	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 2,645,807	\$ 2,886,417	\$ 2,524,389	\$ 2,402,688	\$ 2,987,245	\$ 28,934,000	Line 4 x Line 6	7
8									8
9	Net Monthly Collection (Refunds)	\$ (2,645,807)	\$ (2,886,417)	\$ (2,524,389)	\$ (2,402,688)	\$ (2,987,245)	\$ (28,934,000)	Minus Line 8 from Columns (n) through (y)	9
10									10
11	Part A2: Calculation of Interest on Remaining TU Balance:								11
12	Interest Expense Calculations:								12
13	Beginning Balance for Interest Calculation ^c	\$ 15,543,018	\$ 15,543,018	\$ 7,878,060	\$ 7,878,060	\$ 7,878,060		Balance at Beginning of Quarter (See Footnote c)	13
14	Monthly Activity Included in Interest Calculation Basis ^d	(3,561,577)	(6,327,689)	(1,262,195)	(3,725,733)	(6,420,700)		See Footnote d Line 14 + Line 15	14
15	Basis for Interest Expense Calculation	11,981,441	9,215,329	6,615,865	4,152,327	1,457,360		FERC Monthly Rates From Line 26 Below	15
16	Monthly Interest Rate	0.30%	0.29%	0.30%	0.29%	0.30%		Line 16 x Line 17 - Columns (n) through (y)	16
17	Interest Expense	\$ 35,944	\$ 26,724	\$ 19,848	\$ 12,042	\$ 4,372	\$ 505,576		17
18									18
19	Ending Balance (Overcollection)/Undercollection	\$ 10,737,753	\$ 7,878,060	\$ 5,373,519	\$ 2,982,873	\$ (0)	\$ (0)	Line 1 + Line 10 + Line 18	19
20									20
21	Annual FERC Interest Rates ^e	3.50%	3.50%	3.50%	3.50%	3.50%		Annual Interest Rate from FERC Website ^h	21
22	Days in Year ^e	366	366	366	366	366	366	Number of Days Per Year from FERC Website	22
23	Days in Month ^e	31	30	31	30	31	366	Number of Days Per Month from FERC Website	23
24	Monthly Interest Rates - Calculated	0.30%	0.29%	0.30%	0.29%	0.30%	3.45%	(Line 22) / (Line 23) x (Line 24)	24
25	Monthly FERC Interest Rates - Website ^e	0.30%	0.29%	0.30%	0.29%	0.30%	3.45%	Monthly Interest Rate from FERC Website ^h	25
26	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26	26
27									27

NOTES:

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "z", is a component of BTRR.
- b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d **Monthly Activity Calculated as Follows:**
 - a) 1st Month of Quarter = Column A, Line 10 Divided by 2.
 - b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
 - c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2); Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
- d) The references in this section are applicable under a normal interest true-up adjustment calculation.
- e The FERC interest rate information comes from the FERC website.
- f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
- g Indicates Actual Recorded Sales reported for the year
- h Annual and Monthly FERC Interest Rates for October 2016 through December 2016 have been temporarily updated using the increased Q3 2016 rates to derive a more accurate Interest True-Up adjustment.

Line No.		San Diego Gas & Electric Company FERC Period: January 2016 - December 2016												Line No.
		System Delivery Determinants												
		Recorded ^a Jan-16	Recorded ^a Feb-16	Recorded ^a Mar-16	Recorded ^a Apr-16	Recorded ^a May-16	Recorded ^a Jun-16	Recorded ^a Jul-16	Forecast ^a Aug-16	Forecast ^a Sep-16	Forecast ^a Oct-16	Forecast ^a Nov-16	Forecast ^a Dec-16	Total
1	Customer Class Deliveries (MWh)	664,377	543,082	483,029	468,679	461,031	493,972	599,837	682,833	738,416	633,833	595,422	678,356	7,062,867
2	Residential	148,880	127,165	166,698	141,217	163,113	174,109	163,158	171,202	184,873	164,655	154,757	156,347	1,916,172
3	Small Commercial	2,818	2,500	2,995	2,695	2,560	2,715	2,830	3,208	3,517	3,117	2,884	2,791	34,630
4	Med. & Large Comm./Ind. (AD)	698,326	604,202	876,701	718,289	649,516	708,264	645,054	815,255	878,846	794,380	758,472	733,309	8,880,615
5	Med. & Large Comm./Ind. (excl. AD/AG-TOU)	46,697	43,116	113,529	71,530	67,142	64,283	59,255	62,864	69,024	61,179	68,307	65,975	792,901
6	Med. & Large Comm./Ind. (A6-TOU)	4,818	5,690	6,216	6,607	7,401	8,665	10,126	9,161	9,770	8,158	6,725	5,407	88,743
7	Agriculture (PA/TOU-PA)	17,772	14,986	15,077	21,080	15,232	16,796	15,329	24,236	25,455	21,861	18,803	15,922	222,549
8	Agriculture (PA-T-1)	5,134	6,639	7,022	7,151	7,670	6,664	7,223	7,360	7,738	7,429	7,543	7,827	85,400
9	Lighting	6.0	6.2	6.0	9.2	10.4	9.8	10.3	3.0	3.2	3.0	3.1	3.2	73.4
10	Sale for Resale	1,588,826	1,347,386	1,671,274	1,437,258	1,373,674	1,475,479	1,502,822	1,776,122	1,937,643	1,694,614	1,612,917	1,665,936	19,083,952
11	Total System	1,588,826	1,347,386	1,671,274	1,437,258	1,373,674	1,475,479	1,502,822	1,776,122	1,937,643	1,694,614	1,612,917	1,665,936	19,083,952
12	Total System Minus Resale	1,588,826	1,347,380	1,671,268	1,437,249	1,373,663	1,475,469	1,502,812	1,776,119	1,937,640	1,694,611	1,612,914	1,665,933	19,083,878
13														
14														
15														

NOTE:

a Per TO3 Formula Appendix VIII, the Amortization Rate is derived based on 7 months of Actual consumption and 5 months of Forecasted consumption. The Forecast will continue to update for Actuals through the December 1 Informational Filing.

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

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San Diego Gas & Electric Company

TO4 Cycle 4

Wholesale True-Up Adjustment Report

Docket No. ER17-____-____

TO4 CYCLE 4 TRUE-UP ADJUSTMENT REPORT (12-MONTH PERIOD ENDING DECEMBER 31, 2015)

I. INTRODUCTION

The purpose of this Report is to explain the derivation of the True-Up Adjustment in San Diego Gas & Electric Company's ("SDG&E") fourth annual ("Cycle 4")¹ Informational Filing under its Transmission Owner ("TO") Fourth Formula Transmission rate mechanism ("TO4 Formula" or "TO4").² The Rate Effective Period for the TO4 Cycle 4 Informational Filing is January 1, 2017 through December 31, 2017. SDG&E uses the TO4 Formula to determine the Base Transmission Revenue Requirements ("BTRR") applicable to Retail End Use Customers (BTRR_{EU}) and the California Independent System Operator ("CAISO" or "ISO") Wholesale customers (BTRR_{ISO}).

The TO4 Formula and related BTRR_{EU} and BTRR_{ISO} consist of the following four parts:

- i. the Prior Year Revenue Requirements;
- ii. the Forecast Capital Additions Revenue Requirements;
- iii. the True-Up Adjustment; and
- iv. the Interest True-Up Adjustment.

The True-Up Adjustment component of the BTRR ensures customers pay no more and no less than SDG&E's costs to own, operate and maintain its transmission facilities. In general, the Wholesale True-Up Adjustment is the difference between the Wholesale True-Up Revenues and the Wholesale Cost of Service for the True-Up Period, *i.e.*, 12 months ending December 31,

¹ The term "Cycle" refers to the number of annual filings made under the applicable formula. Cycle 4 is the fourth annual filing under the TO4 Formula. Unless otherwise defined herein, capitalized terms are intended to have the meanings ascribed to them in SDG&E's TO Tariff.

² The Commission approved the TO4 Formula in *San Diego Gas & Electric Company*, 147 FERC ¶61,150 (2014).

2015. For TO4 Cycle 4, the Wholesale True-Up Adjustment reflects an over-collection of (\$47.247 M).

II. DERIVATION OF THE WHOLESALE TRUE-UP REVENUES

SDG&E follows the methodology delineated in Sections II.D.3.b.1 and II.D.3.b.2 of Appendix VIII of SDG&E's Third TO Formula rate mechanism ("TO3 Formula")³ to derive the TO4 Cycle 4 Wholesale True-Up Revenues.

As demonstrated in Volume 3, SDG&E used the Wholesale BTRR of \$809.301 M, that the Federal Energy Regulatory Commission ("Commission" or "FERC") approved in TO4 Cycle 2,⁴ for cost allocation and rate design to derive the True-Up Adjustment. Section 3.2.1 of Volume 3 illustrates the derivation of the True-Up Transmission Rates at Transmission Level, where the allocated BTRR by service class is divided by the forecast billing determinants by service class at transmission level. The resulting True-Up Transmission Rates at Transmission level are summarized in page 14 of Section 3.2.1.

Section 3.2.3, of Volume 3, illustrates the derivation of the Wholesale True-Up Revenues totaling \$796.320 M. This is accomplished by taking the True-Up Transmission Rates at Transmission level developed in Section 3.2.1 and multiplying them by the End Use Customer recorded billing determinants measured at Transmission level. The results that are summarized in

³ The Commission approved the TO3 Formula in *San Diego Gas & Electric Company*, 119 FERC ¶61,169 (2007). Section II.D.3.b.1 of the TO3 Formula states:

[T]he ISO True-Up Revenues will equal for each class of service as specified in Appendix IX of SDG&E's Transmission Owner Tariff, true-up transmission rates in effect during this period multiplied by the End Use Customer recorded billing determinants, as measured at the transmission voltage level for each month of this period. The true-up transmission rates by the class of service will equal the $BTRR_{ISO}$ in effect during this period allocated (using the class allocation factor as described in Appendix IX) to each class of service, divided by the class of service billing determinants applicable to this $BTRR_{ISO}$.

⁴ *San Diego Gas & Electric Co.*, 152 FERC ¶61,233 (2015).

Section 3.2.3, page 1, column (M), line 19, reflect the Wholesale True-Up Revenues of \$796.320 M.

III. DERIVATION OF THE WHOLESALE TRUE-UP COST OF SERVICE

Section 3.3.1 of Volume 3, shows the derivation of the Wholesale True-Up Cost of Service totaling \$669.191 M for the 12-month period ending December 31, 2015. This amount is derived based on certain recorded information from the FERC Form 1, but differs slightly from the Retail True-Up Cost of Service because it excludes the following items which are not recovered from Wholesale Customers: a) California Public Utilities Commission Intervenor Funding Expenses; b) South Georgia Income Tax Adjustment; c) Transmission Related Amortization of Excess Deferred Income Taxes; and d) Uncollectible Expense.

Section 3.3.3, of Volume 3, page 1, line 19, shows the summary of the Monthly Wholesale True-Up Cost of Service for the 12-month True-Up Period ending December 31, 2015. The monthly amounts are derived by performing a cost allocation and rate design using the \$669.191 M Wholesale True-Up Cost of Service and the recorded consumptions at transmission level during the True-Up Period. The resulting rates get applied to the recorded consumption by month to derive the Monthly Wholesale True-Up Cost Service amounts. The monthly amounts are input into Section 3.1.1, pages 1 and 2, line 17 of Volume 3 to determine the Wholesale True-Up Adjustment component of the Wholesale BTRR.

IV. DERIVATION OF THE WHOLESALE TRUE-UP ADJUSTMENT

Section 3.1.1, of Volume 3, pages 1 and 2, shows the derivation of the Cycle 4 Wholesale True-Up Adjustment. The Wholesale True-Up Revenues discussed in Part II above are input on line 3, while the Monthly Wholesale True-Up Cost of Service amounts are input on line 17. To avoid trueing-up the TO4 Cycle 2 True-Up Adjustment in TO4 Cycle 4, SDG&E has amortized and backed out the TO4 Cycle 2 True-Up Adjustment from the TO4 Cycle 4 Wholesale True-Up

Revenues. The monthly True-Up Adjustment amount shown on line 19, totaling (\$46.497 M), is the difference between line 17, \$669.191 M, and line 15, \$715.688 M, before the interest expense. The interest expense is shown on line 26, totaling (\$.750 M), while the total Wholesale True-Up Adjustment, with interest, is shown on line 28, totaling (\$47.247 M). For TO4 Cycle 4, the Wholesale True-Up Adjustment over-collection amount of (\$47.247 M) will be used to reduce the corresponding Wholesale BTRR.

END OF REPORT

San Diego Gas & Electric Company

Section 3.1.1

Derivation of CAISO Wholesale True-Up Adjustment

Docket No. ER17-____-____

Section 3.1.1

SAN DIEGO GAS & ELECTRIC COMPANY

Summary of Wholesale True-Up Adjustment Calculation

For True-Up Period 12 Months Ending

January 1, 2015 through December 31, 2015

TO4-Cycle 4 True-Up Adjustment Mechanism

Line No.	TO4-Formula Cycle in Effect Description	Cycle - 2 Jan-15	Cycle - 2 Feb-15	Cycle - 2 Mar-15	Cycle - 2 Apr-15	Cycle - 2 May-15	Cycle - 2 Jun-15	Cycle - 2 Jul-15	Line No.
1	Beginning Balance (Overcollection)/Undercollection:	\$ -	\$ (3,296,202)	\$ (6,477,697)	\$ (9,884,630)	\$ (13,660,380)	\$ (17,743,212)	\$ (21,643,991)	1
2	CAISO Wholesale True-Up Revenues @ Transmission Level ¹	\$ 65,107,346	\$ 59,089,317	\$ 58,645,680	\$ 60,503,745	\$ 61,432,106	\$ 59,664,563	\$ 70,806,920	2
3	Amortization of True-Up Adjustment and Interest True-Up Adjustment:								3
4	ii. Amortization of TO3 Final True-Up Adjustment ²								4
5	Amortization of TO3 Final Interest True-Up Adjustment ²								5
6	Amortization of TO4 Cycle 2 4-month True-Up Adjustment and Interest True-Up Adjustment:								6
7	i. Amortization of Cycle 2 True-Up Adjustment ²	\$ (6,016,206)	\$ (5,587,273)	\$ (5,365,376)	\$ (5,520,671)	\$ (5,418,458)	\$ (5,210,140)	\$ (6,305,354)	7
8	ii. Amortization of TO3 Final Interest True-Up Adjustment ²	\$ (294,742)	\$ (273,728)	\$ (262,857)	\$ (270,465)	\$ (265,458)	\$ (255,252)	\$ (308,908)	8
9									9
10	Amortization of TO4 Cycle 2 4-month True-Up Adjustment and Interest True-Up Adjustment:								10
11	i. Amortization of Cycle 2 True-Up Adjustment ²	\$ (398,769)	\$ (370,338)	\$ (355,630)	\$ (365,923)	\$ (359,149)	\$ (345,341)	\$ (417,934)	11
12	Total Amortization of True-Up Adjustments	\$ (6,709,717)	\$ (6,231,339)	\$ (5,983,863)	\$ (6,157,059)	\$ (6,043,065)	\$ (5,810,733)	\$ (7,032,196)	12
13									13
14									14
15	Adjusted CAISO Wholesale True-Up Revenues @ Transmission Level ³	\$ 58,397,629	\$ 52,857,978	\$ 52,661,817	\$ 54,346,686	\$ 55,389,041	\$ 53,853,830	\$ 63,774,724	15
16	Total CAISO Wholesale True-Up Cost of Service	\$ 55,106,035	\$ 49,688,675	\$ 49,277,712	\$ 50,602,678	\$ 51,350,024	\$ 50,005,949	\$ 59,277,210	16
17									17
18									18
19	Net Monthly (Overcollection)/Undercollection:	\$ (3,291,594)	\$ (3,169,304)	\$ (3,384,105)	\$ (3,744,007)	\$ (4,039,017)	\$ (3,847,882)	\$ (4,497,514)	19
20									20
21	Interest Expense Calculations:								21
22	Beginning Balance for Interest Calculation	\$ -	\$ -	\$ -	\$ (9,884,630)	\$ (9,884,630)	\$ (9,884,630)	\$ (21,643,991)	22
23	Monthly Activity Included in Interest Calculation Basis	(1,645,797)	(4,876,246)	(8,152,950)	(1,872,004)	(5,763,516)	(9,706,965)	(2,248,757)	23
24	Basis for Interest Expense Calculation	(1,645,797)	(4,876,246)	(8,152,950)	(11,756,634)	(15,648,146)	(19,591,595)	(23,892,748)	24
25	Monthly Interest Rate	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	25
26	Interest Expense	\$ (4,608)	\$ (12,191)	\$ (22,828)	\$ (31,743)	\$ (43,815)	\$ (52,897)	\$ (66,900)	26
27									27
28	Ending Balance (Overcollection)/Undercollection:	\$ (3,296,202)	\$ (6,477,697)	\$ (9,884,630)	\$ (13,660,380)	\$ (17,743,212)	\$ (21,643,991)	\$ (26,208,405)	28
29									29
30									30
31	ANNUAL FERC INTEREST RATE - Website ⁴	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	31
32	Days in Year	365	365	365	365	365	365	365	32
33	Days in Month ⁵	31	28	31	30	31	30	31	33
34	Monthly Interest Rate - Calculated	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	34
35	Monthly FERC Interest Rates - Website ⁴	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	35
36	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	36
	NOTES:								
1	For the Wholesale True-Up Adjustment Calculation, the CAISO Wholesale True-Up Revenues are measured at the Transmission Level.								
2	The amortization of prior cycle True-Up Adjustment and prior Interest True-Up Adjustment will be repeated as needed in deriving the True-Up Adjustment.								
3	For the Wholesale True-Up Adjustment Calculation, the Adjusted CAISO Wholesale True-Up Revenues are measured at the Transmission Level.								
4	The FERC interest rate information comes from the FERC website.								
5	These are fixed days for each month except February for leap vs. non-leap years.								

Section 3.1.1										
SAN DIEGO GAS & ELECTRIC COMPANY										
Summary of Wholesale True-Up Adjustment Calculation										
For True-Up Period 12 Months Ending										
January 1, 2015 through December 31, 2015										
TO4-Cycle 4 True-Up Adjustment Mechanism										
Line No.	TO4-Formula Cycle in Effect Description	Cycle -2 Aug-15	Cycle -2 Sep-15	Cycle -2 Oct-15	Cycle -2 Nov-15	Cycle -2 Dec-15	Total	Reference	Line No.	
1	Beginning Balance (Overcollection)/Undercollection:	\$ (26,208,405)	\$ (30,568,486)	\$ (35,282,788)	\$ (40,436,704)	\$ (44,248,595)	\$ -	Previous Month's Balance	1	
2									2	
3	CAISO Wholesale True-Up Revenues @ Transmission Level ¹	\$ 72,231,147	\$ 79,893,292	\$ 80,603,583	\$ 65,623,649	\$ 62,718,417	\$ 796,319,766	Section 3.2.3; Page 1; Line 19	3	
4									4	
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment:								5	
6	a) Amortization of TO3 Final True-Up Adjustment and Interest True-Up Adjustment:								6	
7	i. Amortization of TO3 Final True-Up Adjustment ²	\$ (6,427,209)	\$ (6,988,365)	\$ (7,045,076)	\$ (6,120,095)	\$ (6,365,359)	\$ (72,369,582)	Section 3.1.2; Line 22	7	
8	ii. Amortization of TO3 Final Interest True-Up Adjustment ²	\$ (314,878)	\$ (342,369)	\$ (345,148)	\$ (299,832)	\$ (316,685)	\$ (3,550,322)	Section 3.1.3; Line 22	8	
9									9	
10	b) Amortization of TO4 Cycle 2 4-month True-Up Adjustment and Interest True-Up Adjustment:								10	
11	i. Amortization of Cycle 2 True-Up Adjustment ²	\$ (426,011)	\$ (463,206)	\$ (466,965)	\$ (405,655)	\$ (336,444)	\$ (4,711,365)	Section 3.1.4; Line 22	11	
12									12	
13	Total Amortization of True-Up Adjustments	\$ (7,168,098)	\$ (7,793,940)	\$ (7,857,189)	\$ (6,825,582)	\$ (7,018,488)	\$ (80,631,269)	Sum Lines 7; 8; & 11	13	
14									14	
15	Adjusted CAISO Wholesale True-Up Revenues @ Transmission Level ³	\$ 65,063,049	\$ 72,099,352	\$ 72,746,394	\$ 58,798,067	\$ 55,699,929	\$ 715,688,497	Sum Lines 3 & 13	15	
16									16	
17	Total CAISO Wholesale True-Up Cost of Service	\$ 60,782,158	\$ 67,473,436	\$ 67,698,337	\$ 55,100,062	\$ 52,828,726	\$ 669,191,000	Section 3.3.3; Page 1; Line 19	17	
18									18	
19	Net Monthly (Overcollection)/Undercollection:	\$ (4,280,892)	\$ (4,625,916)	\$ (5,048,057)	\$ (3,698,005)	\$ (2,871,204)	\$ (46,497,497)	Line 17 Minus Line 15	19	
20									20	
21	Interest Expense Calculations:								21	
22	Beginning Balance for Interest Calculation	\$ (21,643,991)	\$ (21,643,991)	\$ (35,282,788)	\$ (35,282,788)	\$ (35,282,788)		Beginning Quarterly Balances	22	
23	Monthly Activity Included in Interest Calculation Basis	\$ (6,637,960)	\$ (11,091,364)	\$ (2,524,029)	\$ (6,897,060)	\$ (10,181,664)		Interest Calculation Basis	23	
24	Basis for Interest Expense Calculation	\$ (28,281,951)	\$ (32,735,355)	\$ (37,806,816)	\$ (42,179,847)	\$ (45,464,452)		Sum Lines 22 & 23	24	
25	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates	25	
26	Interest Expense	\$ (79,189)	\$ (88,385)	\$ (105,859)	\$ (113,886)	\$ (127,300)	\$ (749,602)	Line 24 x Line 25	26	
27									27	
28	Ending Balance (Overcollection)/Undercollection:	\$ (30,568,486)	\$ (35,282,788)	\$ (40,436,704)	\$ (44,248,595)	\$ (47,247,099)	\$ (47,247,099)	Sum Lines 1; 19; & 26	28	
29									29	
30									30	
31	ANNUAL FERC INTEREST RATE - Website ⁴	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate - FERC Website	31	
32	Days in Year	365	365	365	365	365	365	Number of Days Per Year	32	
33	Days in Month ⁵	31	30	31	30	31	365	Number of Days Per Month	33	
34	Monthly Interest Rate - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 31)/(Line 32)x(Line 33)	34	
35	Monthly FERC Interest Rates - Website ⁴	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate - FERC Website	35	
36	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 34 - Line 35	36	
NOTES:										
1	For the Wholesale True-Up Adjustment Calculation, the CAISO Wholesale True-Up Revenues are measured at the Transmission Level.									
2	The amortization of prior cycle True-Up Adjustment and prior Interest True-Up Adjustment will be repeated as needed in deriving the True-Up Adjustment.									
3	For the Wholesale True-Up Adjustment Calculation, the Adjusted CAISO Wholesale True-Up Revenues are measured at the Transmission Level.									
4	The FERC interest rate information comes from the FERC website.									
5	These are fixed days for each month except February for leap vs. non-leap years.									

San Diego Gas & Electric Company

Section 3.1.2

Amortization of TO3 Final Wholesale True-Up Adjustment

Docket No. ER17-____-____

Section 3.1.2												
SAN DIEGO GAS & ELECTRIC COMPANY												
TO4-Cycle 4 Annual Transmission Formulaic Filing												
Amortization Schedule - TO3 Final Wholesale True-Up Adjustment												
Amortization Period: January 1, 2015 - December 31, 2015												
Line No.	Description	(a) Amounts	(b) Feb-15	(c) Mar-15	(d) Apr-15	(e) May-15	(f) Jun-15	(g) Jul-15	Line No.			
1	Derivation of Amortization Rates:								1			
2	TO3 Final Wholesale True-Up Adjustment	\$ 72,369,582							2			
3	TO4-Cycle 2 Forecast Sales @ Transmission Level (kWh)	20,876,060,302							3			
4	Amortization Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00347							4			
5									5			
6									6			
7	Derivation of Forecast Sales @ Transmission Level:¹								7			
8	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,725,846	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145	8			
9	Exclude Sale for Resale	3	3	3	3	3	3	3	9			
10	Total Forecast Sales Net of Resale - MWH	1,725,842	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142	10			
11	Transmission Level Adjustment Factor from (TO4-Cycle 2)	1.04059	1.04059	1.04059	1.04059	1.04059	1.04059	1.04059	11			
12	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12			
13	Total Forecast Sales Net of Resale - kWh	1,795,894,421	1,668,136,906	1,626,674,442	1,575,713,397	1,607,452,470	1,682,415,567	1,857,600,490	13			
14									14			
15									15			
16	Amortization of TO3 Final Wholesale True-Up Adjustment:²								16			
17	Beginning Wholesale True-Up Adjustment Balance	\$ 72,369,582	\$ 66,353,376	\$ 60,766,103	\$ 55,400,727	\$ 49,880,056	\$ 44,461,598	\$ 39,251,458	17			
18	Recorded Sales Less Sale for Resale @ <i>Transmission Level</i>	1,733,777	1,610,165	1,546,218	1,590,972	1,561,515	1,501,481	1,817,105	18			
19	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	19			
20	Recorded Sales in Total kWh @ <i>Transmission Level</i>	1,733,777,022	1,610,165,087	1,546,217,952	1,590,971,559	1,561,515,284	1,501,481,303	1,817,105,011	20			
21	Amortization Rate Per kWh @ <i>Transmission Level</i>	\$ 0.00347	\$ 0.00347	\$ 0.00347	\$ 0.00347	\$ 0.00347	\$ 0.00347	\$ 0.00347	21			
22	TO3 Final Wholesale True-Up Adjustment Amortization Amount³	\$ 6,016,206	\$ 5,587,273	\$ 5,365,376	\$ 5,520,671	\$ 5,418,458	\$ 5,210,140	\$ 6,305,354	22			
23	Ending TO3 Final Wholesale True-Up Adjustment Balance	\$ 66,353,376	\$ 60,766,103	\$ 55,400,727	\$ 49,880,056	\$ 44,461,598	\$ 39,251,458	\$ 32,946,104	23			
24									24			
NOTES:												
1	The derivation of forecast sales shown on lines 8 through 13 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.											
2	On lines 17 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 2015 rate effective period.											
3	December amortization is equal to the November true-up adjustment balance so that the true-up adjustment is totally amortized during the rate effective period.											

Section 3.1.2												
SAN DIEGO GAS & ELECTRIC COMPANY												
TO4-Cycle 4 Annual Transmission Formulaic Filing												
Amortization Schedule - TO3 Final Wholesale True-Up Adjustment												
Amortization Period: January 1, 2015 - December 31, 2015												
Line No.	Description	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	(m)	Reference	Line No.			
1	Derivation of Amortization Rates:											
2	TO3 Final Wholesale True-Up Adjustment											
3	TO4-Cycle 2 Forecast Sales @ Transmission Level (kWh)											
4	Amortization Rate Per kWh @ Transmission Level											
5												
6												
7	Derivation of Forecast Sales @ Transmission Level: ¹											
8	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791					
9	Exclude Sale for Resale	3	3	3	3	3	37					
10	Total Forecast Sales Net of Resale - MWH	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	20,061,754					
11	Transmission Level Adjustment Factor from (TO4-Cycle 2)	1,04059	1,04059	1,04059	1,04059	1,04059						
12	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000						
13	Total Forecast Sales Net of Resale - kWh	1,852,277.794	2,021,388.253	1,767,749.956	1,682,615.896	1,738,140.710	20,876,060.302					
14												
15												
16	Amortization of TO3 Final Wholesale True-Up Adjustment: ²											
17	Beginning Wholesale True-Up Adjustment Balance	\$ 32,946,104	\$ 26,518,895	\$ 19,550,530	\$ 12,485,454	\$ 6,365,359						
18	Recorded Sales Less Sale for Resale @ Transmission Level	1,852,222	2,013,938	2,030,281	1,763,716	1,703,347						
19	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000						
20	Recorded Sales in Total kWh @ Transmission Level	1,852,221.556	2,013,938.120	2,030,281.251	1,763,716.081	1,703,346.647	20,724,736.873					
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00347	\$ 0.00347	\$ 0.00347	\$ 0.00347	\$ 0.00347						
22	TO3 Final Wholesale True-Up Adjustment Amount ³	\$ 6,427,209	\$ 6,988,365	\$ 7,045,076	\$ 6,120,095	\$ 6,365,359	\$ 72,369,582					
23	Ending TO3 Final Wholesale True-Up Adjustment Balance	\$ 26,518,895	\$ 19,530,530	\$ 12,485,454	\$ 6,365,359	\$ -						
24												
NOTES:												
1	The derivation of forecast sales shown on lines 8 through 13 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.											
2	On lines 17 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 2015 rate effective period.											
3	December amortization is equal to the November true-up adjustment balance so that the true-up adjustment is totally amortized during the rate effective period.											

San Diego Gas & Electric Company

Section 3.1.3

Amortization of TO3 Final Wholesale Interest True-Up Adjustment

Docket No. ER17-____-____

Section 3.1.3												
SAN DIEGO GAS & ELECTRIC COMPANY												
TO4-Cycle 4 Annual Transmission Formulaic Filing												
Amortization Schedule - TO3 Final Wholesale Interest True-Up Adjustment												
Amortization Period: January 1, 2015 - December 31, 2015												
Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	Line No.			
1	Derivation of Amortization Rates:								1			
2	TO3 Final Wholesale Interest True-Up Adjustment	\$ 3,550,322							2			
3	TO4-Cycle 2 Forecast Sales @ Transmission Level (kWh)	20,876,060,302							3			
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.00017							4			
5									5			
6									6			
7	Derivation of Forecast Sales @ Transmission Level:¹								7			
8	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,725,846	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	8			
9	Exclude Sale for Resale	3							9			
10	Total Forecast Sales Net of Resale - MWH	1,725,842	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142	10			
11	Transmission Level Adjustment Factor from (TO4-Cycle 2)	1,04059	1,04059	1,04059	1,04059	1,04059	1,04059	1,04059	11			
12	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12			
13	Total Forecast Sales Net of Resale - kWh	1,795,894,421	1,668,136,906	1,626,674,442	1,575,713,397	1,607,452,470	1,682,415,567	1,857,600,490	13			
14									14			
15									15			
16	Amortization of TO3 Final Wholesale Interest True-Up Adjustment:²								16			
17	Beginning Wholesale True-Up Adjustment Balance	\$ 3,550,322	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	17			
18	Recorded Sales Less Sale for Resale @ Transmission Level	1,733,777	3,255,580	2,981,852	2,718,995	2,448,530	2,183,072	1,927,820	18			
19	Conversion Factor from MWH to kWh	1,000	1,610,165	1,546,218	1,590,972	1,561,515	1,501,481	1,817,105	19			
20	Recorded Sales in Total kWh @ Transmission Level	1,733,777,022	1,610,165,087	1,546,217,952	1,590,971,559	1,561,515,284	1,501,481,303	1,817,105,011	20			
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017	21			
22	TO3 Final Wholesale Interest True-Up Adjustment Amortization Amount³	\$ 294,742	\$ 273,728	\$ 262,857	\$ 270,465	\$ 265,458	\$ 255,252	\$ 308,908	22			
23	Ending TO3 Final Wholesale Interest True-Up Adjustment Balance	\$ 3,255,580	\$ 2,981,852	\$ 2,718,995	\$ 2,448,530	\$ 2,183,072	\$ 1,927,820	\$ 1,618,912	23			
24									24			
NOTES:												
1	The derivation of forecast sales shown on lines 8 through 13 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.											
2	On lines 17 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 2015 rate effective period.											
3	December amortization is equal to the November true-up adjustment balance so that the true-up adjustment is totally amortized during the rate effective period.											

Section 3.1.3													
SAN DIEGO GAS & ELECTRIC COMPANY													
TO4-Cycle 4 Annual Transmission Formulaic Filing													
Amortization Schedule - TO3 Final Wholesale Interest True-Up Adjustment													
Amortization Period: January 1, 2015 - December 31, 2015													
Line No.	Description	(h)	(i)	(j)	(k)	(l)	(m)						Reference
1	Derivation of Amortization Rates:												
2	TO3 Final Wholesale Interest True-Up Adjustment												TO4-Cycle 2 Filing
3	TO4-Cycle 2 Forecast Sales @ Transmission Level (kWh)												Vol 5, Sec 4.4.1; Pg 1; Col. Amounts; Line 26
4	Amortization Rate Per kWh @ Transmission Level												See Line 13; Col. M Line 2 / Line 3
5													
6	Derivation of Forecast Sales @ Transmission Level: ¹												
7	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	Total						TO4-Cycle 2 Filing
8	Exclude Sale for Resale	3	3	3	3	3	20,061,791						Vol. 6; Statement BDWPs; Page BDWPI; Col. (a)
9	Total Forecast Sales Net of Resale - MWH	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	20,061,754						Col. (b); Sale for Resale Forecast
10	Transmission Level Adjustment Factor from (TO4-Cycle 2)	1,000	1,04059	1,04059	1,04059	1,04059							Line 8 Minus Line 9
11	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000							Statement BE; Page 1; Col. (b); Line 16
12	Total Forecast Sales Net of Resale - kWh	1,852,277,794	2,021,388,253	1,767,749,956	1,682,615,896	1,738,140,710	20,876,060,302						MWH Conversion Factor
13													Line 10 x Line 11 x Line 12
14													
15													
16	Amortization of TO3 Final Wholesale Interest True-Up Adjustment: ²												
17	Beginning Wholesale True-Up Adjustment Balance	\$ 1,618,912	\$ 1,304,034	\$ 961,665	\$ 616,517	\$ 316,685	Total						Beginning Balance
18	Recorded Sales Less Sale for Resale @ Transmission Level	1,852,222	2,013,938	2,030,281	1,763,716	1,703,347							Recorded Sales (January 2015 - December 2015)
19	Conversion Factor from MWH to kWh	1,000	1,000	1,000	1,000	1,000							Conversion Factor
20	Recorded Sales in Total kWh @ Transmission Level	1,852,221,556	2,013,938,120	2,030,281,251	1,763,716,081	1,703,346,647	20,724,736,873						Line 18 x Line 19
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017	\$ 0.00017							See Line 4 Above
22	TO3 Final Wholesale Interest True-Up Adjustment Amount ³	\$ 314,878	\$ 342,369	\$ 345,148	\$ 299,832	\$ 316,685	\$ 3,550,322						Line 20 x Line 21
23	Ending TO3 Final Wholesale Interest True-Up Adjustment Balance	\$ 1,304,034	\$ 961,665	\$ 616,517	\$ 316,685	\$ -							Line 17 Minus Line 22
24													
NOTES:													
1	The derivation of forecast sales shown on lines 8 through 13 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.												
2	On lines 17 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 2015 rate effective period.												
3	December amortization is equal to the November true-up adjustment balance so that the true-up adjustment is totally amortized during the rate effective period.												

San Diego Gas & Electric Company

Section 3.1.4

Amortization of TO4 Cycle 2 Wholesale True-Up Adjustment

Docket No. ER17-____-____

Section 3.1.4												
SAN DIEGO GAS & ELECTRIC COMPANY												
TO4-Cycle 4 Annual Transmission Formulaic Filing												
Amortization Schedule - TO4 Cycle 2 Wholesale True-Up Adjustment												
Amortization Period: January 1, 2015 - December 31, 2015												
Line No.	Description	(a) Amounts	(b)	(c)	(d)	(e)	(f)	(g)	Line No.			
1	Derivation of Amortization Rates:								1			
2	TO4-Cycle 2 Wholesale True-Up Adjustment	\$ 4,711,365							2			
3	TO4-Cycle 2 Forecast Sales @ Transmission Level (kWh)	\$ 20,876,060,302							3			
4	Amortization Rate Per kWh @ Transmission Level	\$ 0.00023							4			
5									5			
6									6			
7	Derivation of Forecast Sales @ Transmission Level: ¹								7			
8	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,725,846	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	8			
9	Exclude Sale for Resale	3	3	3	3	3	3	3	9			
10	Total Forecast Sales Net of Resale - MWH	1,725,842	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142	10			
11	Transmission Level Adjustment Factor from (TO4-Cycle 2)	1.04059	1.04059	1.04059	1.04059	1.04059	1.04059	1.04059	11			
12	Conversion Factor from MWH to kWh	1.000	1.000	1.000	1.000	1.000	1.000	1.000	12			
13	Total Forecast Sales Net of Resale - kWh	1,795,894,421	1,668,136,906	1,626,674,442	1,575,713,397	1,607,452,470	1,682,415,567	1,857,600,490	13			
14									14			
15									15			
16	Amortization of TO4-Cycle 2 Wholesale True-Up Adjustment: ²								16			
17	Beginning Wholesale True-Up Adjustment Balance	\$ 4,711,365	\$ 4,312,596	\$ 3,942,258	\$ 3,586,628	\$ 3,220,705	\$ 2,861,556	\$ 2,516,215	17			
18	Recorded Sales Less Sale for Resale @ Transmission Level	1,733,777	1,610,165	1,546,218	1,590,972	1,561,515	1,501,481	1,817,105	18			
19	Conversion Factor from MWH to kWh	1.000	1.000	1.000	1.000	1.000	1.000	1.000	19			
20	Recorded Sales in Total kWh @ Transmission Level	1,733,777,022	1,610,165,087	1,546,217,952	1,590,971,559	1,561,515,284	1,501,481,303	1,817,105,011	20			
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00023	\$ 0.00023	\$ 0.00023	\$ 0.00023	\$ 0.00023	\$ 0.00023	\$ 0.00023	21			
22	TO4-Cycle 2 Wholesale True-Up Adjustment Amortization Amount ³	\$ 398,769	\$ 370,338	\$ 355,630	\$ 365,923	\$ 359,149	\$ 345,341	\$ 417,934	22			
23	Ending TO4-Cycle 2 Wholesale True-Up Adjustment Balance	\$ 4,312,596	\$ 3,942,258	\$ 3,586,628	\$ 3,220,705	\$ 2,861,556	\$ 2,516,215	\$ 2,098,281	23			
24									24			
NOTES:												
1	The derivation of forecast sales shown on lines 8 through 13 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.											
2	On lines 17 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 2015 rate effective period.											
3	December amortization is equal to the November true-up adjustment balance so that the true-up adjustment is totally amortized during the rate effective period.											

Section 3.1.4												
SAN DIEGO GAS & ELECTRIC COMPANY												
TO4-Cycle 4 Annual Transmission Formulaic Filing												
Amortization Schedule - TO4 Cycle 2 Wholesale True-Up Adjustment												
Amortization Period: January 1, 2015 - December 31, 2015												
Line No.	Description	(h)	(i)	(j)	(k)	(l)	(m)	Reference	Line No.			
Derivation of Amortization Rates:												
1	TO4-Cycle 2 Wholesale True-Up Adjustment								1	TO4-Cycle 2 Filing		
2	TO4-Cycle 2 Forecast Sales @ Transmission Level (kWh)								2	Volume 3; Section 3.1.1; Page 3 of 3; Total Column; Line 29		
3	Amortization Rate Per kWh @ Transmission Level								3	See Line 13; Col. M Line 2 / Line 3		
4									4			
5									5			
6									6			
7	Derivation of Forecast Sales @ Transmission Level: ¹								7	TO4-Cycle 2 Filing		
8	Total Per TO4-Cycle 2 Filing - MWH (Statement BD)	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791		8	Vol. 6; Statement BDWPs; Page BDWP1; Col. (a)		
9	Exclude Sale for Resale	3	3	3	3	3	37		9	Col. (b); Sale for Resale Forecast		
10	Total Forecast Sales Net of Resale - MWH	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	20,061,754		10	Line 8 Minus Line 9		
11	Transmission Level Adjustment Factor from (TO4-Cycle 2)	1.000	1.000	1.000	1.000	1.000			11	Statement BB; Page 1; Col. (b); Line 16		
12	Conversion Factor from MWH to kWh	1.000	1.000	1.000	1.000	1.000			12	MWH Conversion Factor		
13	Total Forecast Sales Net of Resale - kWh	1,852,277,794	2,021,388,253	1,767,749,956	1,682,615,896	1,738,140,710	20,876,060,302		13	Line 10 x Line 11 x Line 12		
14									14			
15									15			
16	Amortization of TO4-Cycle 2 Wholesale True-Up Adjustment: ²								16	Total		
17	Beginning Wholesale True-Up Adjustment Balance	\$ 2,098,281	\$ 1,672,270	\$ 1,209,064	\$ 742,099	\$ 336,444			17	Beginning Balance		
18	Recorded Sales Less Sale for Resale @ Transmission Level	1,852,222	2,013,938	2,030,281	1,763,716	1,703,347			18	Recorded Sales (January 2015 - December 2015)		
19	Conversion Factor from MWH to kWh	1.000	1.000	1.000	1.000	1.000			19	Conversion Factor		
20	Recorded Sales in Total kWh @ Transmission Level	1,852,221,556	2,013,938,120	2,030,281,251	1,763,716,081	1,703,346,647	20,724,736,873		20	Line 18 x Line 19		
21	Amortization Rate Per kWh @ Transmission Level	\$ 0.00023	\$ 0.00023	\$ 0.00023	\$ 0.00023	\$ 0.00023			21	See Line 4 Above		
22	TO4-Cycle 2 Wholesale True-Up Adjustment Amortization Amount ³	\$ 426,011	\$ 463,206	\$ 466,965	\$ 405,655	\$ 336,444	\$ 4,711,365		22	Line 20 x Line 21		
23	Ending TO4-Cycle 2 Wholesale True-Up Adjustment Balance	\$ 1,672,270	\$ 1,209,064	\$ 742,099	\$ 336,444	\$ -			23	Line 17 Minus Line 22		
24									24			
NOTES:												
1	The derivation of forecast sales shown on lines 8 through 13 calculates the forecast sales used on line 3 to develop the amortization rate during the rate effective period.											
2	On lines 17 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 2015 rate effective period.											
3	December amortization is equal to the November true-up adjustment balance so that the true-up adjustment is totally amortized during the rate effective period.											

San Diego Gas & Electric Company

Section 3.2.1

Derivation of CAISO Cost of Service
Rates in Effect for the 12-Month TU
Period (January 2015 – December 2015)
Based on SDG&E's TO4-Cycle 2 Offer
of Settlement Wholesale BTRR

Docket No. ER17-____-____

Section 3.2.1									
SAN DIEGO GAS AND ELECTRIC COMPANY									
TO4-Cycle 4 Annual Informational Filing									
Allocation of TO4-CYCLE-2 WHOLESale Base Transmission Revenue Requirements ("BTRR")									
(\$000)									
Line No.	Description	(a) Total 12 CPs @ Transmission Level	(b) 12 CP Allocation Percentages @ Transmission Level	(c) Amounts	(d) Reference	Line No.			
1	Total Wholesale BTRR ¹			\$ 809,301	TO4-Cycle 2; Docket No. ER15-553-000	1			
2					Order on Informational Filing, 9/25/15	2			
3	End Use Customer Classes for Transmission Service:				See Note Below for Page Reference	3			
4	Residential	16,446,789	40.89%	\$ 330,899	Col.C4 = Col (c) Ln1 x Col B. Ln 4	4			
5	Small Commercial	4,438,719	11.03%	89,304	Col.C5 = Col (c) Ln1 x Col B. Ln 5	5			
6	Medium & Large Commercial/Industrial	18,206,021	45.26%	366,294	Col.C6 = Col (c) Ln1 x Col B. Ln 6	6			
7	Agricultural	358,883	0.89%	7,221	Col.C7 = Col (c) Ln1 x Col B. Ln 7	7			
8	Street Lighting Revenues	152,386	0.38%	3,066	Col.C8 = Col (c) Ln1 x Col B. Ln 8	8			
9	Standby Revenues	622,159	1.55%	12,517	Col.C9 = Col (c) Ln1 x Col B. Ln 9	9			
10						10			
11	Total	40,224,957	100.00%	\$ 809,301	Sum Lines 4 thru 9	11			
12						12			
Notes:									
¹	See Cost Statements BK-2, Annual BTRR (CAISO), & Additional Revenues BK-2; Page 1 of 2; Line 31 from SDG&E's TO4, Cycle 2, Annual Informational Filing in Docket No. ER15-553-000, filed on December 1, 2014 and approved by the FERC on September 25, 2015.								

		Section 3.2.1			
SAN DIEGO GAS AND ELECTRIC COMPANY					
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing					
Derivation of True-Up Transmission Rates					
Residential Customers ¹					
(\$000)					
Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.	
1	Residential - Allocated Transmission Revenue Requirement	\$ 330,899	Section 3.2.1; Page 1; Line 4	1	
2				2	
3	Billing Determinants - Residential Customer Class @ MWh:	7,695,401	Section 3.2.1; Page 18.1; Line 3	3	
4				4	
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 16; Col. B; Line 2	5	
6				6	
7	Billing Determinants @ Transmission Level	8,047,081	Line 3 x Line 5	7	
8				8	
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0411203774	Line 1 / Line 7	9	
10				10	
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0411203774	Line 9, Rounded to 10 Decimal Places	11	
12				12	
13	Proof of Revenues	\$ 330,899	Line 7 x Line 11	13	
14				14	
15	Difference	\$ (0.00)	Line 1 - Line 13	15	
1	Notes:				
	Residential customers include the following California Public Utilities Commission (CPUC) tariffs:				
	DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, DR-TV, DR-SES, DM, DS, DT, TOU-DR.				

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No.
1	<u>Med-Lrg C&I - Demand Revenue Requirement:</u>	\$ 366,294	Section 3.2.1; Page 1; Line 6	1
2	<u>Non-Coincident Demand Determinants @ Transmission Level Used</u>			2
3	<u>to Allocate Total Customer Class Revenues to Voltage Level:</u>			3
4	Secondary ²	21,357.82	Section 3.2.1; Page 16; Line 28; Col. C.	4
5	Primary ²	4,170.33	Section 3.2.1; Page 16; Line 29; Col. C.	5
6	Transmission ²	1,424.73	Section 3.2.1; Page 16; Line 30; Col. C.	6
7	Total	26,952.89	Sum Lines 4; 5; 6	7
8	<u>Allocation Factors Per Above to Allocate</u>			8
9	<u>Demand Revenue Requirements to Voltage Level:</u>			9
10	Secondary	79.24131611%	Line 4 / Line 7	10
11	Primary	15.47267427%	Line 5 / Line 7	11
12	Transmission	5.28600962%	Line 6 / Line 7	12
13	Total	100.00000000%	Sum Lines 10; 11; 12	13
14				14
15	<u>Allocation of Revenue Requirements to Voltage Level:</u>			15
16	Secondary	\$ 290,256	Line 1 x Line 10	16
17	Primary	\$ 56,675	Line 1 x Line 11	17
18	Transmission	\$ 19,362	Line 1 x Line 12	18
19	Total	\$ 366,294	Sum Lines 16; 17; 18	19
20				20
21	<u>Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:</u>			21
22	Secondary	21,357.82	Line 4	22
23	Primary	4,170.33	Line 5	23
24	Transmission	1,424.73	Line 6	24
25	Total	26,952.89	Sum Lines 22; 23; 24	25
26				26
27	<u>Non-Coincident Demand Rate By Voltage Level @ Transmission:</u>			27
28	Secondary	\$ 13.5901586564	Line 16 / Line 22	28
29	Primary	\$ 13.5901586573	Line 17 / Line 23	29
30	Transmission	\$ 13.5901586602	Line 18 / Line 24	30
31				31
32	<u>Non-Coincident Demand Rate By Voltage Level @ Transmission Level:</u>			32
33	Secondary	\$ 13.5901586564	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 13.5901586573	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 13.5901586602	Line 30 Rounded to 10 Decimal Places	35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ 290,256	Line 22 x Line 33	38
39	Primary	56,675	Line 23 x Line 34	39
40	Transmission	19,362	Line 24 x Line 35	40
41	Total	\$ 366,294	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.00)	Line 1 - Line 41	43
	<u>Notes:</u>			
¹	Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs:			
	AD, AY-TOU, AL-TOU, A6-TOU, DG-R, OL-TOU.			
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 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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	\$ 12,231,142,7908	90% x Section 3.2.1; Page 4; Line 33	2
3	Primary	\$ 12,231,142,7916	90% x Section 3.2.1; Page 4; Line 34	3
4	Transmission	\$ 12,231,142,7942	90% x Section 3.2.1; Page 4; Line 35	4
5				5
6	Rate Proposal 90% of Total M&L C&I NCD Rates (Rounded)			6
7	Secondary	\$ 12,231,142,7908	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 12,231,142,7916	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 12,231,142,7942	Line 4, Rounded to 10 Decimal Places	9
10				10
11	<u>Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand²</u>			11
12	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			12
13	Secondary	21,183	Section 3.2.1; Page 17; Line 10; Col. D.	13
14	Primary	3,954	Section 3.2.1; Page 17; Line 11; Col. D.	14
15	Transmission	272	Section 3.2.1; Page 17; Line 12; Col. D.	15
16	Total	25,409	Sum Lines 13; 14; 15	16
17				17
18	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			18
19	Secondary	\$ 287,883	Section 3.2.1; Page 4; Line 33 x Line 13	19
20	Primary	\$ 53,741	Section 3.2.1; Page 4; Line 34 x Line 14	20
21	Transmission	\$ 3,693	Section 3.2.1; Page 4; Line 35 x Line 15	21
22	Total	\$ 345,316	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	\$ 259,094	Line 7 x Line 13	25
26	Primary	\$ 48,366	Line 8 x Line 14	26
27	Transmission	\$ 3,323	Line 9 x Line 15	27
28	Total	\$ 310,784	Sum Lines 25; 26; 27	28
29				29
30	Revenue Reallocation to Maximum On-Peak Period Demands			30
31	Secondary	\$ 28,788	Line 19 - Line 25	31
32	Primary	\$ 5,374	Line 20 - Line 26	32
33	Transmission	\$ 369	Line 21 - Line 27	33
34	Total	\$ 34,532	Sum Lines 31; 32; 33	34
35				35
36	<u>Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak³</u>			36
37	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			37
38	Secondary	-	Section 3.2.1; Page 17; Col. D; Line 17	38
39	Primary	216	Section 3.2.1; Page 17; Col. D; Line 18	39
40	Transmission	1,153	Section 3.2.1; Page 17; Col. D; Line 19	40
41	Total	1,369	Sum Lines 38; 39; 40	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	\$ 2,935	Line 39 x Section 3.2.1; Page 4; Line 34	45
46	Transmission	\$ 15,670	Line 40 x Section 3.2.1; Page 4; Line 35	46
47	Total	\$ 18,605	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	\$ 2,641	Line 8 x Line 39	51
52	Transmission	\$ 14,103	Line 9 x Line 40	52
53	Total	\$ 16,744	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	\$ 1,567	Line 46 - Line 52	58
59	Total	\$ 1,860	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, 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, and 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 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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	\$ 34,532	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	9,688	Section 3.2.1; Page 17; Col. B; Line 30	5
6	Primary	2,094	Section 3.2.1; Page 17; Col. B; Line 31	6
7	Transmission	230	Section 3.2.1; Page 17; Col. B; Line 32	7
8	Total	12,011	Sum Lines 5; 6; 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ <i>Transmission Level</i> (MW)			10
11	Secondary	10,131	Section 3.2.1; Page 17; Col. D; Line 30	11
12	Primary	2,116	Section 3.2.1; Page 17; Col. D; Line 31	12
13	Transmission	230	Section 3.2.1; Page 17; Col. D; Line 32	13
14	Total	12,476	Sum Lines 11; 12; 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	81.20%	Line 11 / Line 14	17
18	Primary	16.96%	Line 12 / Line 14	18
19	Transmission	1.84%	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	\$ 27,625	Line 2 x Line 21	22
23	Secondary	\$ 22,431	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 4,686	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 508	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 27,625	Sum Lines 23; 24; 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates ³	\$/kW		28
29	Secondary	\$ 2.2142174439	Line 23 / Line 11	29
30	Primary	\$ 2.2142174439	Line 24 / Line 12	30
31	Transmission	\$ 2.2142174439	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 2.2142174439	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 2.2142174439	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 2.2142174439	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, and DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, and DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, and DG-R				

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$000)				
Line No.	Description	Calculation	Reference	Line No.
1	Winter Maximum On-Peak Period Demands By Voltage Level @ <i>Meter Level</i> ¹			1
2	Secondary	7,890	Section 3.2.1; Page 17; Col. B; Line 35.	2
3	Primary	1,729	Section 3.2.1; Page 17; Col. B; Line 36.	3
4	Transmission	211	Section 3.2.1; Page 17; Col. B; Line 37.	4
5	Total	9,830	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ <i>Transmission Level</i> (MW)			7
8	Secondary	8,251	Section 3.2.1; Page 17; Col. D; Line 35.	8
9	Primary	1,748	Section 3.2.1; Page 17; Col. D; Line 36.	9
10	Transmission	211	Section 3.2.1; Page 17; Col. D; Line 37.	10
11	Total	10,209	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	80.82%	Line 8 / Line 11	14
15	Primary	17.12%	Line 9 / Line 11	15
16	Transmission	2.07%	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	\$ 6,906	(Section 3.2.1; Page 6; Line 2) x Line 18	19
20	Secondary	\$ 5,581	(Section 3.2.1; Page 6; Line 2 x Line 18) x Line 14	20
21	Primary	\$ 1,182	(Section 3.2.1; Page 6; Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 143	(Section 3.2.1; Page 6; Line 2 x Line 18) x Line 16	22
23	Total	\$ 6,906	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates ²	\$/kW		25
26	Secondary	\$ 0.6764721784	Line 20 / Line 8	26
27	Primary	\$ 0.6764721784	Line 21 / Line 9	27
28	Transmission	\$ 0.6764721784	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.6764721784	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.6764721784	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.6764721784	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ 28,013	(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	\$ 5,868	(Section 3.2.1; Page 6; Line 12 x Line 36) + (Section 3.2.1; Page 7; Line 9 x Line 33)	39
40	Transmission	\$ 651	(Section 3.2.1; Page 6; Line 13 x Line 37) + (Section 3.2.1; Page 7; Line 10 x Line 34)	40
41	Total	\$ 34,532	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ 0.00	Section 3.2.1; Page 6; Line 2 Minus Page 7; Line 41	43
44				44
	<u>Notes:</u>			
	¹ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R			
	² 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			

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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	\$ 1,860	Section 3.2.1; 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 3.2.1; Page 17; Col. B; Line 42	5
6	Primary	88	Section 3.2.1; Page 17; Col. B; Line 43	6
7	Transmission	476	Section 3.2.1; Page 17; Col. B; Line 44	7
8	Total	563	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 3.2.1; Page 17; Col. D; Line 42	11
12	Primary	88	Section 3.2.1; Page 17; Col. D; Line 43	12
13	Transmission	476	Section 3.2.1; Page 17; Col. D; Line 44	13
14	Total	564	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	15.68%	Line 12 / Line 14	18
19	Transmission	84.32%	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	\$ 1,488	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 233	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 1,255	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,488	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	\$ 2.6379732081	Line 24 / Line 12	30
31	Transmission	\$ 2.6379732081	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	\$ 2.6379732081	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 2.6379732081	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			

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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) ¹			1
2	Secondary	-	Section 3.2.1; Page 17; Col. B; Line 47	2
3	Primary	68	Section 3.2.1; Page 17; Col. B; Line 48	3
4	Transmission	439	Section 3.2.1; Page 17; Col. B; Line 49	4
5	Total	506	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 3.2.1; Page 17; Col. D; Line 47	8
9	Primary	69	Section 3.2.1; Page 17; Col. D; Line 48	9
10	Transmission	439	Section 3.2.1; Page 17; Col. D; Line 49	10
11	Total	507	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	13.52%	Line 9 / Line 11	15
16	Transmission	86.48%	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	\$ 372	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	\$ 50	(Section 3.2.1; Page 8; Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 322	(Section 3.2.1; Page 8; Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 372	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates ²	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0.7338125699	Line 21 / Line 9	27
28	Transmission	\$ 0.7338125699	Line 22 / 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	\$ 0.7338125699	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.7338125699	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ -	Section 3.2.1; Page 8 (Line 11 x Line 35) + Page 9; (Line 8 x Line 32)	38
39	Primary	\$ 284	Section 3.2.1; Page 8 (Line 12 x Line 36) + Page 9; (Line 9 x Line 33)	39
40	Transmission	\$ 1,577	Section 3.2.1; Page 8 (Line 13 x Line 37) + Page 9; (Line 10 x Line 34)	40
41	Total	\$ 1,860	Sum Lines 38; 39; and 40	41
42				42
43	Difference	\$ (0.00)	Section 3.2.1; Page 8; Line 2 Minus Page 9; Line 41	43
44				44
Notes:				
¹ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
² Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				

Section 3.2.1

**SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of True-Up Transmission Rates
Agricultural Customers ¹
(\$000)**

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Allocated Agricultural Transmission Revenue Requirement	\$ 7,221	Section 3.2.1; Page 1; Line 7	1
2				2
3	Billing Determinants (MWh)	328,774	Section 3.2.1; Page 18.1; Line 25 + Line 29	3
4				4
5	Energy Rate per kWh	\$ 0.0219633930	Line 1 / Line 3	5
6				6
7	Energy Rate per kWh - Rounded	\$ 0.0219633930	Line 5, Rounded to 10 Decimal Places	7
8				8
9				9
10	Schedules PA and TOU-PA Billing Determinants (MWh)	86,427	Section 3.2.1; Page 18.1; Line 25	10
11				11
12	Annual Revenues from Schedules PA and TOU-PA Energy Rates	\$ 1,898	Line 7 x Line 10	12
13				13
14	Revenue Allocated to Schedule PA-T-1 Non-Coincident Demand Charges	\$ 5,323	Line 1 - Line 12	14

Notes:

- ¹ The following California Public Utilities Commission (CPUC) tariffs are offered to Agricultural customers: Schedules PA, TOU-PA and PA-T-1. No demand rates are applicable to Schedule PA and TOU-PA, as shown on this page.

Section 3.2.1
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of True-Up Transmission Rates
Agricultural Customers ¹
(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Agriculture - Demand Revenue Requirement	\$ 5,323	Section 3.2.1; Page 10; Line 14	1
2				2
3	Non-Coincident Demand Determinants @ Transmission Level ²			3
4	Secondary	894	Section 3.2.1; Page 16; Col. C; Line 36	4
5	Primary	156	Section 3.2.1; Page 16; Col. C; Line 37	5
6	Transmission	-	Section 3.2.1; Page 16; Col. C; Line 38	6
7	Total	1,050	Sum Lines 4; 5; 6	7
8				8
9	Allocation Factors Per Above to Allocate			9
10	Demand Revenue Requirements to Voltage Level			10
11	Secondary	85.16%	Line 4 / Line 7	11
12	Primary	14.84%	Line 5 / Line 7	12
13	Transmission	0.00%	Line 6 / Line 7	13
14	Total	100.00%	Sum Lines 11; 12; 13	14
15				15
16	Allocation of Revenue Requirements to Voltage Level			16
17	Secondary	\$ 4,533	Line 1 x Line 11	17
18	Primary	790	Line 1 x Line 12	18
19	Transmission	-	Line 1 x Line 13	19
20	Total	\$ 5,323	Sum Lines 17; 18; 19	20
21				21
22	Schedule PA-T-1 Demand Determinants by Voltage Level @ Transmission Level (MW)			22
23	Secondary	894	Section 3.2.1; Page 17; Col. D; Line 55	23
24	Primary	156	Section 3.2.1; Page 17; Col. D; Line 56	24
25	Transmission	-	Section 3.2.1; Page 17; Col. D; Line 57	25
26	Total	1,050	Sum Lines 23; 24; 25	26
27				27
28	Non-Coincident Demand Rate by Voltage Level @ Transmission			28
29	Secondary	\$ 5.0707607154	Line 17 / Line 23	29
30	Primary	\$ 5.0707607154	Line 18 / Line 24	30
31	Transmission	\$ 5.0165816337	Line 30 x (Page 17; Col. D; Line 57 / Line 56)	31
32				32
33	Non-Coincident Demand Rate by Voltage Level @ Transmission (Rounded)			33
34	Secondary	\$ 5.0707607154	Line 29, Rounded to 10 Decimal Places	34
35	Primary	\$ 5.0707607154	Line 30, Rounded to 10 Decimal Places	35
36	Transmission	\$ 5.0165816337	Line 31, Rounded to 10 Decimal Places	36
37				37
38	Proof of Revenues			38
39	Secondary	\$ 4,533	Line 23 x Line 34	39
40	Primary	790	Line 24 x Line 35	40
41	Transmission	-	Line 25 x Line 36	41
42	Total	\$ 5,323	Sum Lines 39; 40; 41	42
43				43
44	Difference	\$ (0)	Line 1 Less Line 42	44

Notes:

¹ The following California Public Utilities Commission (CPUC) tariffs are offered to Agricultural customers: Schedules PA, TOU-PA and PA-T-1.

² Non-Coincident Demand (100%) rates applicable to the following CPUC tariff: Schedule PA-T-1.

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulaic Rate Filing

Derivation of True-Up Transmission Rates

Street Lighting Customers¹

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 3,066	Section 3.2.1; Page 1; Line 8
2			
3	Billing Determinants - Street Lighting Customer Class @ MWh:	91,891	Section 3.2.1; Page 18.1; Line 31
4			
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 16; Col. B; Line 16
6			
7	Billing Determinants @ Transmission Level	96,091	Line 3 x Line 5
8			
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0319074172	Line 1 / Line 7
10			
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0319074172	Line 9, Rounded to 10 Decimal Places
12			
13	Proof of Revenues	\$ 3,066	Line 7 x Line 11
14			
15	Difference	\$ (0.00)	Line 1 - Line 13
	<u>Notes:</u>		
¹	Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs:		
	DWL, OL-1, OL-2, LS-1, LS-2, and LS-3.		

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Standby Revenues Calculation				
(\$000)				
Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement:	\$ 12,517	Section 3.2.1; Page 1; Line 9	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	124.84	Section 3.2.1; Page 16; Col. C; Line 44	4
5	Primary ¹	1,212.29	Section 3.2.1; Page 16; Col. C; Line 45	5
6	Transmission ¹	726.76	Section 3.2.1; Page 16; Col. C; Line 46	6
7	Total	2,063.89	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	6.0489588%	Line 4 / Line 7	10
11	Primary	58.7381676%	Line 5 / Line 7	11
12	Transmission	35.2128736%	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	\$ 757	Line 1 x Line 10	16
17	Primary	7,352	Line 1 x Line 11	17
18	Transmission	4,408	Line 1 x Line 12	18
19	Total	\$ 12,517	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Transmission:			21
22	Secondary	124.84	Line 4	22
23	Primary	1,212.29	Line 5	23
24	Transmission	726.76	Line 6	24
25	Total	2,063.89	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 6.0635657972	Line 16 / Line 22	28
29	Primary	\$ 6.0645411433	Line 17 / Line 23	29
30	Transmission	\$ 6.0653094023	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Transmission (Rounded):			32
33	Secondary	\$ 6.0635657972	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 6.0645411433	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 6.0653094023	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 757	Line 22 x Line 33	38
39	Primary	7,352	Line 23 x Line 34	39
40	Transmission	4,408	Line 24 x Line 35	40
41	Total	\$ 12,517	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 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulaic Rate Filing

Allocation of TO4-CYCLE-2 WHOLESale Base Transmission Revenue Requirements ("BTRR")
 (\$000)

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 330,899	\$ 330,899	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	89,304	89,304	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	366,294	366,294	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Agricultural	7,221	7,221	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 7; & Pg. 10, 11; Ln. 12, 42	7
8						8
9	Street Lighting	3,066	3,066	\$ (0)	Sect. 3.2.1; Pg. 1; Ln. 8; & Pg. 12; Ln. 13	9
10						10
11	Standby Revenues	12,517	12,517	\$ -	Sect. 3.2.1; Pg. 1; Ln. 9; & Pg. 13; Ln. 41	11
12						12
13	Grand Total	\$ 809,301	\$ 809,301	\$ (0)	Sum Lines 1 thru 11	13

Section 3.2.1							
SAN DIEGO GAS AND ELECTRIC COMPANY							
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing							
Allocation of TO4-CYCLE-2 WHOLESale Base Transmission Revenue Requirements ("BTRR")							
Development of TO4-CYCLE-2 12-CP Allocation Factors and Voltage Level Allocation Factors							
		(A)	(B)	(C) = (A) x (B)	(D)		
		5 Year Average		5 Year Average	5-Year Average		
		Ending 12/31/2011		Ending 12/31/2011	of 12-Monthly CPs		
		Of 12 CPs		Of 12 CPs	Allocation Percentages		
Line		Kilowatt @	Transmission	Kilowatt @	@ Transmission	Line	
No.	Customer Class	Meter Level ^{1,2}	Loss Factors	Transmission Level	Level	Reference	
1	<u>5-Year Average - 12CP Allocation Factors:</u>					From Retail Statement BL; Page BL-18	1
2	Residential Customers	15,728,019	1.0457	16,446,789	40.89%	Docket No. ER15-553	2
3	Small Commercial Customers	4,244,735	1.0457	4,438,719	11.04%	Docket No. ER15-553	3
4	Medium-Large Commercial Customers						4
5	Secondary	13,004,290	1.0457	13,598,586	33.81%	Docket No. ER15-553	5
6	Primary	3,241,675	1.0108	3,276,685	8.15%	Docket No. ER15-553	6
7	Transmission	1,330,750	1.0000	1,330,750	3.31%	Docket No. ER15-553	7
8	Total Medium-Large Commercial	17,576,715	1.0358	18,206,021	45.26%	Sum Lines 5; 6; 7	8
9							9
10	Agriculture						10
11	Secondary	310,714	1.0457	324,914	0.81%	Docket No. ER15-553	11
12	Primary	33,606	1.0108	33,969	0.08%	Docket No. ER15-553	12
13	Transmission	-	1.0000	-	0.00%	Docket No. ER15-553	13
14	Total Agricultural	344,320	1.0423	358,883	0.89%	Sum Lines 11; 12; 13	14
15							15
16	Street Lighting	145,726	1.0457	152,386	0.38%	Docket No. ER15-553	16
17	Standby Customers						17
18	Secondary	38,012	1.0457	39,749	0.10%	Docket No. ER15-553	18
19	Primary	360,436	1.0108	364,329	0.91%	Docket No. ER15-553	19
20	Transmission	218,081	1.0000	218,081	0.54%	Docket No. ER15-553	20
21	Total Standby Customers	616,529	1.0091	622,159	1.55%	Sum Lines 18; 19; 20	21
22							22
23	System Total	38,656,044	1.0406	40,224,957	100.00%	Sum Lines 2; 3; 8; 14; 16; 21	23
24							24
25				Transmission		From Statement BG; Page BL-19	25
26	<u>Medium-Large Commercial Customers:</u>	Meter Level		Level	Ratios		26
27	Billing Determinants - (Non-Coincident Demand)						27
28	Secondary	20,424	1.0457	21,358	79.24%	Docket No. ER15-553	28
29	Primary	4,126	1.0108	4,170	15.47%	Docket No. ER15-553	29
30	Transmission	1,425	1.0000	1,425	5.29%	Docket No. ER15-553	30
31	Total	25,975	1.0376	26,953	100.00%	Sum Lines 28; 29; 30	31
32							32
33				Transmission			33
34	<u>Agricultural Customers:</u>	Meter Level		Level	Ratios		34
35	Billing Determinants - (Non-Coincident Demand)						35
36	Secondary	855	1.0457	894	85.16%	Docket No. ER15-553	36
37	Primary	154	1.0108	156	14.84%	Docket No. ER15-553	37
38	Transmission	-	1.0000	-	0.00%	Docket No. ER15-553	38
39	Total	1,009	1.0404	1,050	100.00%	Sum Lines 36; 37; 38	39
40							40
41				Transmission			41
42	<u>Standby Customers:</u>	Meter Level		Level	Ratios		42
43	Billing Determinants - (Contracted Standby Demand)						43
44	Secondary	119	1.0457	125	6.05%	Docket No. ER15-553	44
45	Primary	1,199	1.0108	1,212	58.74%	Docket No. ER15-553	45
46	Transmission	727	1.0000	727	35.21%	Docket No. ER15-553	46
47	Total	2,045	1.0090	2,064	100.00%	Sum Lines 44; 45; 46	47
	<u>Notes:</u>						
1	Information comes from SDG&E's TO4-Cycle 2 Informational filing filed with the FERC in Docket No. ER15-553-000 filed on December 1, 2014.						
	See Cost Statements Retail BL, Development of 12-CP Allocation Factors, and Cost Statement BG, Forecast Period Sales Forecast.						
2	SDG&E Load Research Data: 2007 - 2011.						

Section 3.2.1							
SAN DIEGO GAS AND ELECTRIC COMPANY							
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing							
Derivation of True-Up Transmission Rates							
Development of TO4-CYCLE-2 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	<u>Forecast Demand Determinants for Medium-Large Commercial Customers:</u>						1
2	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate						2
3	Secondary	167	1.0457	175	100.00%	Section 3.2.1; Page 19.1; Line 42	
4	Primary	-	1.0108	-	0.00%	Section 3.2.1; Page 19.1; Line 43	
5	Transmission	-	1.0000	-	0.00%	Section 3.2.1; Page 19.1; Line 44	
6	Total	167		175	100.00%	Sum Lines 3; 4; 5	
7							7
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						8
9	with Maximum On-Peak Period Demand						9
10	Secondary	20,257	1.0457	21,183	83.37%	Section 3.2.1; Page 19.2; Line 69	
11	Primary	3,912	1.0108	3,954	15.56%	Section 3.2.1; Page 19.2; Line 70	
12	Transmission	272	1.0000	272	1.07%	Section 3.2.1; Page 19.2; Line 71	
13	Total	24,441		25,409	100.00%	Sum Lines 10; 11; 12	
14							14
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						15
16	with Maximum Demand at the Time of System Peak						16
17	Secondary	-	1.0457	-	0.00%	Section 3.2.1; Page 19.3; Line 105	
18	Primary	214	1.0108	216	15.78%	Section 3.2.1; Page 19.3; Line 106	
19	Transmission	1,153	1.0000	1,153	84.22%	Section 3.2.1; Page 19.3; Line 107	
20	Total	1,367		1,369	100.00%	Sum Lines 17; 18; 19	
21							21
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers						22
23	Secondary	20,424	1.0457	21,358	79.24%	Sum Lines 3; 10; 17	
24	Primary	4,126	1.0108	4,170	15.47%	Sum Lines 4; 11; 18	
25	Transmission	1,425	1.0000	1,425	5.29%	Sum Lines 5; 12; 19	
26	Total	25,975		26,953	100.00%	Sum Lines 23; 24; 25	
27							27
28	Maximum On-Peak Period Demand Determinants						28
29	<i>Summer (May, June, July, August, September, October)</i>						29
30	Secondary	9,688	1.0457	10,131	81.20%	Section 3.2.1; Page 19.2; Line 79	
31	Primary	2,094	1.0108	2,116	16.96%	Section 3.2.1; Page 19.2; Line 80	
32	Transmission	230	1.0000	230	1.84%	Section 3.2.1; Page 19.2; Line 81	
33	Total	12,011		12,476	100.00%	Sum Lines 30; 31; 32	
34	<i>Winter (November, December, January, February, March, April)</i>						34
35	Secondary	7,890	1.0457	8,251	80.82%	Section 3.2.1; Page 19.2; Line 79	
36	Primary	1,729	1.0108	1,748	17.12%	Section 3.2.1; Page 19.2; Line 80	
37	Transmission	211	1.0000	211	2.07%	Section 3.2.1; Page 19.2; Line 81	
38	Total	9,830		10,209	100.00%	Sum Lines 35; 36; 37	
39							39
40	Maximum Demand at the Time of System Peak Determinants						40
41	<i>Summer (May, June, July, August, September, October)</i>						41
42	Secondary	-	1.0457	-	0.00%	Section 3.2.1; Page 19.3; Line 115	
43	Primary	88	1.0108	88	15.68%	Section 3.2.1; Page 19.3; Line 116	
44	Transmission	476	1.0000	476	84.32%	Section 3.2.1; Page 19.3; Line 117	
45	Total	563		564	100.00%	Sum Lines 42; 43; 44	
46	<i>Winter (November, December, January, February, March, April)</i>						46
47	Secondary	-	1.0457	-	0.00%	Section 3.2.1; Page 19.3; Line 115	
48	Primary	68	1.0108	69	13.52%	Section 3.2.1; Page 19.3; Line 116	
49	Transmission	439	1.0000	439	86.48%	Section 3.2.1; Page 19.3; Line 117	
50	Total	506		507	100.00%	Sum Lines 47; 48; 49	
51							51
52	<u>Forecast Demand Determinants for Agricultural Customers:</u>						52
53	Non-Coincident Demand Determinants Pertaining to						53
54	Customers on Schedule PA-T-1 @ 100% Non-Coincident Demand Rate						54
55	Secondary	855	1.0457	894	85.16%	Section 3.2.1; Page 19.4; Line 157	
56	Primary	154	1.0108	156	14.84%	Section 3.2.1; Page 19.4; Line 158	
57	Transmission	-	1.0000	-	0.00%	Section 3.2.1; Page 19.4; Line 159	
58	Total	1,009		1,050	100.00%	Sum Lines 55; 56; 57	
59							59
60	<u>Forecast Demand Determinants for Standby Customers:</u>						60
61	Contracted Demand Determinants						61
62	Secondary	119	1.0457	125	6.05%	Section 3.2.1; Page 19.4; Line 167	
63	Primary	1,199	1.0108	1,212	58.74%	Section 3.2.1; Page 19.4; Line 168	
64	Transmission	727	1.0000	727	35.21%	Section 3.2.1; Page 19.4; Line 169	
65	Total	2,045		2,064	100.00%	Sum Lines 62; 63; 64	

Line		San Diego Gas & Electric												Line			
No.		FERC Forecast Period: January 2015 - December 2015												No.			
1	System Delivery																
2	Determinants																
3																	
4	Customer Class																
5	Deliveries (MWh)	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total			
6	Residential	729,926	638,937	611,731	559,979	553,684	581,798	667,872	684,171	758,524	633,907	595,886	678,987	7,695,401			
7	Small Commercial	160,920	154,282	152,343	147,795	151,066	158,444	173,277	171,880	185,635	165,367	155,471	157,136	1,933,615			
8	M.& L. C./I. (AD)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115			
9	M.& L. C./I. (AY, AL, DG-R)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692			
10	M.& L. C./I. (A6)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606			
11	Agriculture (PA and TOU-PA)	4,566	4,620	4,663	5,616	6,806	8,267	9,272	9,135	9,743	8,135	6,706	5,392	82,920			
12	Agriculture (PA-T-1)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513			
13	Lighting	7,990	7,592	7,588	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	91,891			
14	Sale for Resale	3.2	3.1	3.1	3.0	3.0	3.1	3.2	3.0	3.2	3.0	3.1	3.2	37.3			
15	Total System	1,725,846	1,603,071	1,563,226	1,514,253	1,544,754	1,616,793	1,785,145	1,780,029	1,942,544	1,698,799	1,616,986	1,670,345	20,061,791			
16																	
17																	
18																	
19	Med. & Large Comm./Ind.																
20	Rate Schedule																
21	Billing Determinants																
22																	
23	Schedule AD:																
24	Total Deliveries (MWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115			
25																	
26	Total Deliveries (%)																
27	% @ Secondary Service	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%			
28	% @ Primary 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%			
29	% @ 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%			
30	Total Deliveries (MWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115			
31	MWh @ Secondary Service	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115			
32	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0			
33	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0			
34																	
35	Non-Coincident Demand (%)																
36	% @ Secondary Service	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%			
37	% @ Primary 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%			
38	% @ 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%			
39																	
40																	
41	Non-Coincident Demand (MW)																
42	MW @ Secondary Service	13,602	13,476	13,581	13,035	13,446	13,992	14,625	14,772	16,154	14,305	13,237	12,798	167,023			
43	MW @ Primary 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			

Line		San Diego Gas & Electric												Line		
No.		FERC Forecast Period: January 2015 - December 2015												No.		
		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	
		13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023	45	
															46	
															47	
															48	
															49	
															50	
		741.628	725.591	718.633	716.756	741.382	776.715	833.549	818.079	883.913	798.693	762.428	737.323	9,254.692	51	
															52	
															53	
		79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	54	
		18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	55	
		1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	56	
		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%	57	
															58	
		589,446	576,700	571,170	569,678	589,251	617,333	662,505	650,209	702,534	634,801	605,978	586,025	7,355,629	59	
		140,835	137,790	136,468	136,112	140,789	147,498	158,291	155,353	167,855	151,672	144,785	140,018	1,757,466	60	
		11,347	11,102	10,995	10,966	11,343	11,884	12,753	12,517	13,524	12,220	11,665	11,281	141,597	61	
		741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692	62	
															63	
		0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	64	
		0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	65	
		0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	66	
															67	
															68	
		1,623,335	1,588,231	1,573,002	1,568,893	1,622,797	1,700,136	1,824,538	1,790,675	1,934,780	1,748,243	1,668,863	1,613,912	20,257,402	69	
		313,499	306,720	303,779	302,985	313,395	328,331	352,356	345,816	373,646	337,621	322,292	311,679	3,912,119	70	
		21,775	21,304	21,100	21,044	21,768	22,805	24,474	24,019	25,952	23,450	22,385	21,648	271,724	71	
		1,958,609	1,916,254	1,897,880	1,892,922	1,957,959	2,051,272	2,201,367	2,160,511	2,334,377	2,109,314	2,013,540	1,947,239	24,441,246	72	
															73	
		0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2255%	0.2255%	0.2390%	74	
		0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0.2068%	0.2175%	75	
		0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%	76	
															77	
		W	W	W	W	S	S	S	S	S	S	W	W	TOTAL	78	
		1,329,201	1,300,457	1,287,988	1,284,623	1,480,198	1,550,741	1,664,212	1,633,325	1,764,766	1,594,621	1,366,480	1,321,485	17,578,098	79	

San Diego Gas & Electric														
FERC Forecast Period: January 2015 - December 2015														
Line No.	Line No.	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
80	MW @ Primary Service	291,247	284,949	282,217	281,480	319,872	335,116	359,637	352,962	381,367	344,598	299,416	289,557	3,822,417
81	MW @ Transmission Service	35,539	34,770	34,437	34,347	35,073	36,745	39,433	38,701	41,816	37,784	36,532	35,332	440,512
82		1,655,987	1,620,177	1,604,641	1,600,450	1,835,143	1,922,602	2,063,282	2,024,989	2,187,949	1,977,004	1,702,431	1,646,374	21,841,027
83														
84														
85														
86	Schedule A6-TOU:													
87	Total Deliveries (MWh)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
88														
89	Total Deliveries (%)													
90	% @ 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%
91	% @ Primary Service	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%
92	% @ Transmission Service	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%
93		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%
94	Total Deliveries (MWh)													
95	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
96	MWh @ Primary Service	8,780	7,578	7,054	7,968	8,550	8,031	8,993	8,566	9,404	8,334	9,303	8,985	101,547
97	MWh @ Transmission Service	54,475	47,022	43,770	49,439	53,049	49,832	55,797	53,146	58,347	51,712	57,723	55,747	630,059
98		63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
99	Non-Coincident Demand (%)													
100	% @ 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%
101	% @ Primary Service	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
102	% @ Transmission Service	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%
103														
104	Non-Coincident Demand (MW)													
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
106	MW @ Primary Service	18,473	15,945	14,843	16,765	17,989	16,898	18,921	18,022	19,786	17,536	19,574	18,904	213,655
107	MW @ Transmission Service	99,689	86,049	80,999	90,474	97,080	91,193	102,109	97,257	106,775	94,632	105,633	102,018	1,153,008
108		118,162	101,995	94,942	107,239	115,069	108,091	121,030	115,279	126,560	112,168	125,207	120,922	1,366,663
109	Coincident Peak Demand (%)													
110	% @ 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%
111	% @ Primary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1367%	0.1367%	0.1367%	0.1367%	0.1367%	0.1367%	0.1365%	0.1365%	0.1365%
112	% @ Transmission Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1478%	0.1478%	0.1478%	0.1478%	0.1478%	0.1478%	0.1423%	0.1423%	0.1423%
113														
114	Coincident Peak Demand (MW)													
115	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
116	MW @ Primary Service	11,984	10,345	9,629	10,877	14,424	13,549	15,171	14,450	15,864	14,060	12,699	12,264	155,316
117	MW @ Transmission Service	77,518	66,912	62,285	70,352	78,407	73,652	82,468	78,550	86,237	76,430	82,140	79,328	914,277
118		89,502	77,256	71,914	81,229	92,830	87,201	97,639	93,000	102,101	90,490	94,838	91,593	1,069,594
119														
120														
121														
122	Med. & Large Comm./Ind. Class Total:													
123														
124	Total Deliveries (MWh)	808,069	783,347	772,638	777,216	806,130	837,856	901,764	883,250	955,447	862,089	832,554	805,053	10,025,413
125														

San Diego Gas & Electric																
FERC Forecast Period: January 2015 - December 2015																
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total		
126	Total Deliveries (MWh)															
127	MWh @ Secondary Service	592,632	579,855	574,350	572,730	592,400	620,610	665,930	653,668	706,318	638,151	609,078	589,022	7,394,745		
128	MWh @ Primary Service	149,615	145,368	143,523	144,080	149,338	155,530	167,284	163,919	177,259	160,006	154,088	149,003	1,859,013		
129	MWh @ Transmission Service	65,822	58,123	54,765	60,406	64,392	61,716	68,551	65,662	71,871	63,932	69,388	67,028	771,656		
130		808,069	783,347	772,638	777,216	806,130	837,856	901,764	883,250	955,447	862,089	832,554	805,053	10,025,413		
131	Non-Coincident Demand (MW)															
132	MW @ Secondary Service	1,636,937	1,601,706	1,586,583	1,581,928	1,636,243	1,714,128	1,839,163	1,805,448	1,950,934	1,762,547	1,682,100	1,626,710	20,424,426		
133	MW @ Primary Service	331,972	322,665	318,621	319,750	331,384	345,229	371,277	363,838	393,431	355,157	341,866	330,583	4,125,774		
134	MW @ Transmission Service	121,464	107,353	101,199	111,519	118,847	113,998	126,583	121,276	132,727	118,083	128,018	123,666	1,424,732		
135		2,090,373	2,031,724	2,006,403	2,013,196	2,086,474	2,173,355	2,337,022	2,290,562	2,477,092	2,235,787	2,151,984	2,080,959	25,974,932		
136																
137																
138	Schedule PA-I-1:															
139	Total Deliveries (MWh)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513		
140																
141	Total Deliveries (%)															
142	% @ Secondary Service	86.51%	86.52%	86.50%	86.88%	87.19%	87.37%	87.46%	87.38%	87.31%	87.26%	87.13%	86.87%	87.10%		
143	% @ Primary Service	13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%		
144	% @ 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%		
145		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%		
146	Total Deliveries (MWh)															
147	MWh @ Secondary Service	12,433	12,384	12,334	14,110	17,107	19,835	21,975	21,100	22,146	19,010	16,327	13,782	202,525		
148	MWh @ Primary Service	1,938	1,926	1,925	2,130	2,514	2,868	3,152	3,048	3,218	2,775	2,411	2,082	29,988		
149	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0		
150		14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513		
151	Non-Coincident Demand (%)															
152	% @ Secondary Service	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%		
153	% @ Primary Service	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%		
154	% @ 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%		
155																
156	Non-Coincident Demand (MW)															
157	MW @ Secondary Service	52,481	52,187	52,064	59,559	72,210	83,723	92,759	89,061	93,480	80,243	68,916	58,175	854,859		
158	MW @ Primary Service	9,961	9,898	9,895	10,946	12,919	14,740	16,199	15,663	16,537	14,260	12,390	10,701	154,107		
159	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		
160		62,442	62,085	61,959	70,505	85,129	98,463	108,958	104,724	110,017	94,503	81,306	68,876	1,008,966		
161																
162																
163																
164	Schedule S															
165	Standby Determinants:															
166	Standby Demand (MW)															
167	MW @ Secondary Service	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	9,949	119,388		
168	MW @ Primary Service	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	99,945	1,199,340		
169	MW @ Transmission Service	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	726,756		
170		170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	170,457	2,045,484		
171																
172																

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. ER17-____-____

Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulaic Rate Filing

PROOF OF REVENUES FROM THE WHOLESALE True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing

For the Rate Effective Period January 2015 - December 2015

12-Month True-Up Period (1/1/2015 - 12/31/2015)

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Sub-Total
		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)	
1	Residential Customers	763,283,884	-	668,136,727	-	659,687,511	-	585,569,782	-	578,987,335	-	608,386,196	-	3,844,051,436
2	Small Commercial	168,273,561	-	161,332,648	-	159,305,333	-	154,548,866	-	157,969,251	-	165,685,003	-	967,114,662
4	Medium-Large Commercial	837,000,132	2,168,766	811,393,144	2,108,407	800,301,422	2,082,351	805,043,347	2,088,944	834,992,628	2,164,829	867,853,783	2,255,419	4,956,584,457
6	Agricultural (PA and TOL-PA)	4,759,341	-	4,815,659	-	4,860,005	-	5,853,683	-	7,093,524	-	8,616,912	-	35,999,124
8	Agricultural (PA-T-1)	14,979,462	64,948	14,894,128	64,577	14,863,015	64,445	16,926,924	73,345	20,451,018	88,568	23,663,374	102,448	105,777,921
10	Street Lighting	8,355,368	-	7,939,367	-	7,934,253	-	7,742,312	-	7,784,382	-	8,074,634	-	47,830,315
11	Standby Customers	-	171,991	-	171,991	-	171,991	-	171,991	-	171,991	-	171,991	1,031,946
13	TOTAL	1,796,651,747	2,405,705	1,668,511,674	2,344,975	1,626,951,539	2,318,787	1,575,684,913	2,334,280	1,607,278,140	2,425,389	1,682,279,902	2,529,858	14,358,994

Note: The above billing determinants are the forecast determinants from January 2015 through December 2015. The forecasted consumption is translated from retail to transmission level.

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Sub-Total
		Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	
16	Residential Customers	\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774
17	Small Commercial	\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745
19	Medium-Large Commercial	\$ 0.021963930		\$ 0.021963930		\$ 0.021963930		\$ 0.021963930		\$ 0.021963930		\$ 0.021963930		\$ 0.021963930
21	Agricultural (PA and TOL-PA)	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172
23	Agricultural (PA-T-1)	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172
25	Street Lighting	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172
27	Standby Customers													
28	TOTAL	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172

Note: The wholesale true-up transmission rates from January 2015 - December 2015 were derived based on the FERC approved Wholesale Base Transmission Revenue Requirements of \$809.301 million from the TO4-Cycle 2 Docket No. ER15-553-000.

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Sub-Total
		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 @ Present Rates Energy (kWh)	Demand (kW)	
29	Residential Customers	\$ 31,386,521		\$ 27,474,034		\$ 26,304,192		\$ 24,078,850		\$ 23,808,178		\$ 25,017,070		\$ 158,068,846
30	Small Commercial	\$ 7,432,067		\$ 7,125,510		\$ 7,035,971		\$ 6,825,894		\$ 6,976,961		\$ 7,317,739		\$ 42,714,142
31	Medium-Large Commercial	\$ 27,775,040		\$ 27,002,442		\$ 26,669,051		\$ 26,752,817		\$ 30,963,576		\$ 32,258,647		\$ 171,421,573
33	Agricultural (PA and TOL-PA)	\$ 104,531		\$ 105,768		\$ 106,742		\$ 128,567		\$ 155,798		\$ 189,257		\$ 790,663
35	Agricultural (PA-T-1)	\$ 529,336		\$ 527,455		\$ 526,784		\$ 371,913		\$ 449,108		\$ 519,491		\$ 2,524,087
37	Street Lighting	\$ 266,598		\$ 253,325		\$ 253,162		\$ 247,037		\$ 248,380		\$ 257,641		\$ 1,526,142
38	Standby Customers	\$ 1,043,083		\$ 1,043,083		\$ 1,043,083		\$ 1,043,083		\$ 1,043,083		\$ 1,043,083		\$ 6,258,500
41	TOTAL	\$ 39,189,718		\$ 34,958,638		\$ 33,700,666		\$ 31,280,348		\$ 31,189,316		\$ 32,817,706		\$ 203,095,792
42	Grand Total	\$ 68,337,176		\$ 63,331,618		\$ 61,738,985		\$ 59,448,162		\$ 63,645,083		\$ 66,602,928		\$ 383,103,952

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I, Agricultural PA-T-1, and Standby Customers where these revenues are derived on pages 4-9.

Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulaic Rate Filing

PROOF OF REVENUES FROM THE WHOLESALE TRUE-UP TRANSMISSION RATES DEVELOPED FROM THE TO4-CYCLE 2 FILING

For the Rate Effective Period January 2015 - December 2015

12-Month True-Up Period (1/1/2015 - 12/31/2015)

Line No.	Customer Classes	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		(N)		(O)	
		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 @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
1	Residential Customers	698,393,319	-	715,437,267	-	793,188,053	-	662,876,540	-	623,117,493	-	710,016,712	-	4,203,029,383	-	8,047,080,819	-
2	Small Commercial	181,196,231	-	179,734,405	-	194,118,378	-	172,924,280	-	162,576,085	-	164,317,538	-	1,054,866,916	-	2,021,981,578	-
3	Medium-Large Commercial	934,050,419	2,425,082	914,872,985	2,377,000	989,655,492	2,570,499	892,954,919	2,320,171	862,362,435	2,232,548	833,876,254	2,158,870	14,084,170	10,384,356,961	26,952,886	5
4	Agricultural (PA and TOU-PA)	9,664,485	-	9,520,868	-	10,154,601	-	8,479,016	-	6,989,468	-	5,619,625	-	50,428,063	-	86,427,187	-
5	Agricultural (PA-T-1)	26,190,478	113,372	25,168,655	108,963	26,437,074	114,467	22,706,646	98,324	19,530,346	84,589	16,535,654	71,651	136,568,833	591,366	242,346,773	10
6	Street Lighting	8,185,954	-	7,784,927	-	8,185,747	-	7,855,801	-	7,976,846	-	8,270,920	-	48,260,195	-	96,090,510	-
7	Standby Customers	-	171,991	-	171,991	-	171,991	-	171,991	-	171,991	-	171,991	-	1,031,946	-	
8	TOTAL	1,857,680,885	2,710,445	1,852,519,107	2,657,955	2,021,739,344	2,856,957	1,767,797,202	2,890,486	1,682,552,673	2,489,128	1,738,636,704	2,402,512	10,920,925,915	15,707,483	20,878,283,829	30,066,476

Note: The above billing determinants are the forecast determinants from January 2015 through December 2015. The forecasted consumption is translated from retail to transmission level.

Line No.	Customer Classes	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		(N)		(O)	
		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 @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
16	Residential Customers	\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774	
17	Small Commercial	\$ 0,0441665745		\$ 0,0441665745		\$ 0,0441665745		\$ 0,0441665745		\$ 0,0441665745		\$ 0,0441665745		\$ 0,0441665745		\$ 0,0441665745	
18	Medium-Large Commercial	\$ 0,0219653930		\$ 0,0219653930		\$ 0,0219653930		\$ 0,0219653930		\$ 0,0219653930		\$ 0,0219653930		\$ 0,0219653930		\$ 0,0219653930	
19	Agricultural (PA and TOU-PA)	\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172	
20	Agricultural (PA-T-1)	\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172	
21	Street Lighting	\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172	
22	Standby Customers	\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172		\$ 0,0319074172	
23	TOTAL	\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774		\$ 0,0411203774	

Note: The wholesale true-up transmission rates from January 2015 - December 2015 were derived from the Wholesale Base Transmission Revenue Requirements of \$809.301 million from the TO4-Cycle 2 Docket No. ER15-553-000.

Line No.	Customer Classes	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		(N)		(O)	
		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 @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
29	Residential Customers	\$ 28,718,197	-	\$ 29,419,050	-	\$ 32,616,192	-	\$ 27,257,733	-	\$ 25,622,826	-	\$ 29,196,155	-	\$ 172,830,154	-	\$ 330,899,000	-
30	Small Commercial	\$ 8,002,817	-	\$ 7,938,253	-	\$ 8,573,544	-	\$ 7,637,473	-	\$ 7,180,429	-	\$ 7,257,343	-	\$ 46,589,858	-	\$ 89,304,000	-
31	Medium-Large Commercial	\$ -	\$ 34,685,866	\$ -	\$ 33,997,647	\$ -	\$ 36,765,178	\$ -	\$ 33,184,898	\$ -	\$ 28,591,198	\$ -	\$ 27,647,640	\$ -	\$ 194,872,427	\$ -	\$ 366,294,000
32	Agricultural (PA and TOU-PA)	\$ 212,265	-	\$ 209,111	-	\$ 223,029	-	\$ 186,228	-	\$ 153,512	-	\$ 123,426	-	\$ 1,107,571	-	\$ 1,898,234	-
33	Agricultural (PA-T-1)	\$ -	\$ 574,882	\$ -	\$ 552,526	\$ -	\$ 580,437	\$ -	\$ 498,578	\$ -	\$ 428,930	\$ -	\$ 363,323	\$ -	\$ 2,998,677	\$ -	\$ 5,322,764
34	Street Lighting	\$ 261,193	-	\$ 248,397	-	\$ 261,186	-	\$ 250,658	-	\$ 254,521	-	\$ 263,904	-	\$ 1,539,858	-	\$ 3,066,000	-
35	Standby Customers	\$ -	\$ 1,043,083	\$ -	\$ 1,043,083	\$ -	\$ 1,043,083	\$ -	\$ 1,043,083	\$ -	\$ 1,043,083	\$ -	\$ 1,043,083	\$ -	\$ 6,258,500	\$ -	\$ 12,517,000
36	TOTAL	\$ 37,944,471	\$ 36,303,831	\$ 37,814,811	\$ 35,593,257	\$ 41,673,951	\$ 38,388,698	\$ 35,332,093	\$ 34,726,559	\$ 33,211,288	\$ 30,063,212	\$ 29,054,828	\$ 29,054,046	\$ 222,067,442	\$ 204,129,604	\$ 425,167,235	\$ 384,133,764
37	Grand Total	\$ 37,944,471	\$ 36,303,831	\$ 37,814,811	\$ 35,593,257	\$ 41,673,951	\$ 38,388,698	\$ 35,332,093	\$ 34,726,559	\$ 33,211,288	\$ 30,063,212	\$ 29,054,828	\$ 29,054,046	\$ 222,067,442	\$ 204,129,604	\$ 425,167,235	\$ 384,133,764
38	Grand Total	\$ 37,944,471	\$ 36,303,831	\$ 37,814,811	\$ 35,593,257	\$ 41,673,951	\$ 38,388,698	\$ 35,332,093	\$ 34,726,559	\$ 33,211,288	\$ 30,063,212	\$ 29,054,828	\$ 29,054,046	\$ 222,067,442	\$ 204,129,604	\$ 425,167,235	\$ 384,133,764

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I, Agricultural PA-T-1, and Standby Customers where these revenues are derived on pages 4-9.

Section 3.2.2															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing															
PROOF OF REVENUES from the WHOLESale True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing															
For the Rate Effective Period January 2015 - December 2015															
12-Month True-Up Period (1/1/2015 - 12/31/2015)															
Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Non-Coincident Demand (KW); Applied to 90%;														
2	Schedules AL-TOU / AY-TOU / DG-R	1,697,521	1,660,813	1,644,888	1,640,591	1,696,959	1,777,832	1,907,919	1,872,809	2,023,199	1,828,137	1,745,130	1,687,667	21,183,166	Section 3.2.2; Page 10.3; Ln. 95 x 1000
3	Schedule A6-TOU														Section 3.2.2; Page 10.4; Ln. 145 x 1000
4	Secondary	1,697,521	1,660,813	1,644,888	1,640,591	1,696,959	1,777,832	1,907,919	1,872,809	2,023,199	1,828,137	1,745,130	1,687,667	21,183,166	Sum Lines 3 and 4
5															
6															
7	Schedules AL-TOU / AY-TOU / DG-R;	316,885	310,032	307,060	306,238	316,780	331,877	356,161	349,551	377,681	341,268	325,772	315,046	3,954,370	Section 3.2.2; Page 10.3; Ln. 99 x 1000
8	Schedule A6-TOU	18,672	16,117	15,003	16,946	18,183	17,081	19,125	18,217	19,999	17,725	19,785	19,108	215,962	Section 3.2.2; Page 10.4; Ln. 149 x 1000
9	Primary	335,557	326,150	322,062	323,204	334,963	348,958	375,286	367,767	397,680	358,993	343,558	334,154	4,170,332	Sum Lines 8 and 9
10															
11															
12	Schedules AL-TOU / AY-TOU / DG-R;	21,715	21,304	21,100	21,044	21,768	22,805	24,474	24,019	25,952	23,450	22,385	21,648	271,724	Section 3.2.2; Page 10.3; Ln. 101 x 1000
13	Schedule A6-TOU	99,889	86,049	80,099	90,474	97,080	91,193	102,109	97,357	106,775	94,632	105,633	102,018	1,153,008	Section 3.2.2; Page 10.4; Ln. 151 x 1000
14	Transmission	121,464	107,353	101,199	111,519	118,847	113,998	126,583	121,276	132,127	118,083	128,018	123,666	1,424,732	Sum Lines 13 and 14
15	Total	2,154,542	2,094,316	2,068,149	2,075,313	2,150,769	2,240,788	2,409,788	2,361,553	2,553,606	2,305,213	2,218,706	2,145,487	26,778,230	Sum Lines 5; 10; 15
16															
17															
18															
19	Non-Coincident Demand Rates Per (SKW) @ 90% ¹														
20	Secondary	\$ 20,762,623	\$ 20,313,637	\$ 20,118,859	\$ 20,066,302	\$ 20,755,742	\$ 21,744,920	\$ 23,336,033	\$ 22,902,928	\$ 24,746,035	\$ 22,360,211	\$ 21,344,935	\$ 20,642,100	\$ 250,094,325	Line 5 x Line 20
21	Primary	\$ 4,104,246	\$ 3,989,184	\$ 3,959,192	\$ 3,953,150	\$ 4,096,984	\$ 4,268,152	\$ 4,590,182	\$ 4,498,216	\$ 4,864,083	\$ 4,390,891	\$ 4,226,566	\$ 4,087,082	\$ 51,007,930	Line 10 x Line 21
22	Transmission	\$ 1,485,642	\$ 1,313,053	\$ 1,257,774	\$ 1,363,989	\$ 1,453,659	\$ 1,394,322	\$ 1,548,251	\$ 1,483,348	\$ 1,623,404	\$ 1,444,284	\$ 1,565,809	\$ 1,512,576	\$ 17,426,102	Line 15 x Line 22
23	Total	\$ 26,352,511	\$ 25,615,875	\$ 25,295,825	\$ 25,383,451	\$ 26,306,365	\$ 27,407,395	\$ 29,474,465	\$ 28,884,493	\$ 31,233,523	\$ 28,195,386	\$ 27,137,310	\$ 26,241,757	\$ 327,528,357	Sum Lines 25; 26; 27
24	Revenues @ Calculated Rates:														
25	Secondary	\$ 20,762,623	\$ 20,313,637	\$ 20,118,859	\$ 20,066,302	\$ 20,755,742	\$ 21,744,920	\$ 23,336,033	\$ 22,902,928	\$ 24,746,035	\$ 22,360,211	\$ 21,344,935	\$ 20,642,100	\$ 250,094,325	Line 5 x Line 20
26	Primary	\$ 4,104,246	\$ 3,989,184	\$ 3,959,192	\$ 3,953,150	\$ 4,096,984	\$ 4,268,152	\$ 4,590,182	\$ 4,498,216	\$ 4,864,083	\$ 4,390,891	\$ 4,226,566	\$ 4,087,082	\$ 51,007,930	Line 10 x Line 21
27	Transmission	\$ 1,485,642	\$ 1,313,053	\$ 1,257,774	\$ 1,363,989	\$ 1,453,659	\$ 1,394,322	\$ 1,548,251	\$ 1,483,348	\$ 1,623,404	\$ 1,444,284	\$ 1,565,809	\$ 1,512,576	\$ 17,426,102	Line 15 x Line 22
28	Total	\$ 26,352,511	\$ 25,615,875	\$ 25,295,825	\$ 25,383,451	\$ 26,306,365	\$ 27,407,395	\$ 29,474,465	\$ 28,884,493	\$ 31,233,523	\$ 28,195,386	\$ 27,137,310	\$ 26,241,757	\$ 327,528,357	Sum Lines 25; 26; 27
29															
30	Total Revenues @ Calculated Rates:	\$ 26,352,511	\$ 25,615,875	\$ 25,295,825	\$ 25,383,451	\$ 26,306,365	\$ 27,407,395	\$ 29,474,465	\$ 28,884,493	\$ 31,233,523	\$ 28,195,386	\$ 27,137,310	\$ 26,241,757	\$ 327,528,357	Line 28
1	90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, DG-R and Ac-TOU.														

Section 3.2.2																
SAN DIEGO GAS AND ELECTRIC COMPANY																
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing																
PROOF of REVENUES from the WHOLESale True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing																
For the Rate Effective Period January, 2015 - December 2015																
12-Month True-Up Period (1/1/2015 - 12/31/2015)																
Medium & Large Commercial and Industrial Customer																
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference	Line No.
1	On-Peak Demand (KW):															
2	Secondary	1,389,946	1,359,888	1,346,849	1,343,331	1,547,843	1,621,610	1,740,266	1,707,968	1,845,416	1,667,495	1,428,928	1,381,877	18,381,417	Section 3.2.2; Page 10.3; Ln. 113 x 1000	1
3	Primary	294,393	288,027	285,265	284,520	323,226	338,735	363,521	356,774	385,486	348,320	302,649	292,684	3,865,699	Section 3.2.2; Page 10.3; Ln. 117 x 1000	2
4	Transmission	35,539	34,770	34,437	34,347	35,073	36,745	39,433	38,701	41,816	37,784	36,535	35,332	440,512	Section 3.2.2; Page 10.3; Ln. 119 x 1000	3
5	Total	1,719,877	1,682,685	1,666,550	1,662,197	1,906,242	1,997,090	2,143,221	2,103,443	2,272,718	2,053,599	1,768,113	1,709,893	22,685,628	Sum Lines 2; 3; 4	4
6																6
7	Maximum On-Peak Demand Rates Per (KW)-1															
8	Secondary	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 0.6764721784	\$ 0.6764721784		Section 3.2.2; Page 14; Lines 11&12	8
9	Primary	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 0.6764721784	\$ 0.6764721784		Section 3.2.2; Page 14; Lines 11&12	9
10	Transmission	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	\$ 0.6764721784	\$ 0.6764721784		Section 3.2.2; Page 14; Lines 11&12	10
11																11
12	Revenues @ Calculated Rates:															
13	Secondary	\$ 940,259	\$ 919,927	\$ 911,106	\$ 908,726	\$ 3,427,261	\$ 3,590,598	\$ 3,853,328	\$ 3,781,812	\$ 4,086,152	\$ 3,692,197	\$ 966,630	\$ 934,801	\$ 28,012,797	Line 2 x Line 8	13
14	Primary	\$ 199,148	\$ 194,842	\$ 192,470	\$ 192,470	\$ 715,914	\$ 750,034	\$ 804,915	\$ 789,976	\$ 833,549	\$ 771,256	\$ 204,734	\$ 197,992	\$ 5,867,804	Line 3 x Line 9	14
15	Transmission	\$ 24,041	\$ 23,521	\$ 23,295	\$ 23,235	\$ 77,659	\$ 81,360	\$ 87,314	\$ 85,693	\$ 92,589	\$ 83,663	\$ 24,715	\$ 23,901	\$ 650,987	Line 4 x Line 10	15
16	Total	\$ 1,163,449	\$ 1,138,290	\$ 1,127,375	\$ 1,124,430	\$ 4,220,835	\$ 4,421,992	\$ 4,745,556	\$ 4,657,481	\$ 5,032,291	\$ 4,547,116	\$ 1,196,079	\$ 1,156,695	\$ 34,531,588	Sum Lines 13; 14; 15	16
17																17
18	Total Revenues @ Calculated Rates:	\$ 1,163,449	\$ 1,138,290	\$ 1,127,375	\$ 1,124,430	\$ 4,220,835	\$ 4,421,992	\$ 4,745,556	\$ 4,657,481	\$ 5,032,291	\$ 4,547,116	\$ 1,196,079	\$ 1,156,695	\$ 34,531,588	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.															

Section 3.2.2 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 4 Annual Transmission Formulaic Rate Filing PROOF of REVENUES from the WHOLESALF True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing For the Rate Effective Period January 2015 - December 2015 12-Month True-Up Period (1/1/2015 - 12/31/2015) Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Coincident Peak Demand (KW):														
2	Secondary	12,114	10,456	9,733	10,994	14,580	13,695	15,335	14,606	16,036	14,212	12,856	12,397	156,994	Section 3.2.2; Page 10.4; Ln. 163 x 1000
3	Primary	77,518	66,912	62,285	70,352	78,407	73,652	82,468	78,550	86,237	76,430	82,140	79,528	914,277	Section 3.2.2; Page 10.4; Ln. 167 x 1000
4	Transmission	89,632	71,368	72,018	81,346	92,986	87,347	97,803	93,156	102,272	90,642	94,976	91,725	1,071,271	Section 3.2.2; Page 10.4; Ln. 169 x 1000 Sum Lines 2, 3, 4
5															
6	Coincident Peak Demand Rates Per (\$/KW):														
7	Secondary	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	Section 3.2.2; Pg 14; Lines 15 & 16
8	Primary	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	Section 3.2.2; Pg 14; Lines 15 & 16
9	Transmission	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	Section 3.2.2; Pg 14; Lines 15 & 16
10															
11	Revenues @ Calculated Rates:														
12	Secondary	\$ 8,889	\$ 7,673	\$ 7,142	\$ 8,068	\$ 38,460	\$ 36,128	\$ 40,453	\$ 38,531	\$ 42,301	\$ 37,491	\$ 9,419	\$ 9,097	\$ 283,653	Line 2 x Line 8
13	Primary	\$ 56,884	\$ 49,101	\$ 45,705	\$ 51,625	\$ 206,834	\$ 194,292	\$ 217,550	\$ 207,212	\$ 227,490	\$ 201,620	\$ 60,275	\$ 58,212	\$ 1,576,800	Line 3 x Line 9
14	Transmission	\$ 65,773	\$ 56,774	\$ 52,848	\$ 59,693	\$ 245,295	\$ 230,420	\$ 258,002	\$ 245,742	\$ 269,791	\$ 239,111	\$ 69,694	\$ 67,309	\$ 1,860,452	Line 4 x Line 10
15	Total	\$ 65,773	\$ 56,774	\$ 52,848	\$ 59,693	\$ 245,295	\$ 230,420	\$ 258,002	\$ 245,742	\$ 269,791	\$ 239,111	\$ 69,694	\$ 67,309	\$ 1,860,452	Sum Lines 13; 14; 15
16	Total Revenues @ Calculated Rates:														
17		\$ 65,773	\$ 56,774	\$ 52,848	\$ 59,693	\$ 245,295	\$ 230,420	\$ 258,002	\$ 245,742	\$ 269,791	\$ 239,111	\$ 69,694	\$ 67,309	\$ 1,860,452	Line 16
18															
1	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AG-TOU.														

Section 3.2.2															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing															
PROOF of REVENUES from the WHOLESALE True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing															
For the Rate Effective Period January 2015 - December 2015															
12-Month True-Up Period (1/1/2015 - 12/31/2015)															
Standby Customers															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Demand - Billing Determinants (KW):														
2	Secondary	10,404	10,404	10,404	10,404	10,404	10,404	10,404	10,404	10,404	10,404	10,404	10,404	124,844	Section 3.2.2, Page 10.5; Ln. 211 x 1000
3	Primary	101,024	101,024	101,024	101,024	101,024	101,024	101,024	101,024	101,024	101,024	101,024	101,024	1,212,293	Section 3.2.2, Page 10.5; Ln. 215 x 1000
4	Transmission	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	60,563	726,756	Section 3.2.2, Page 10.5; Ln. 217 x 1000
5	Total	171,991	171,991	171,991	171,991	171,991	171,991	171,991	171,991	171,991	171,991	171,991	171,991	2,063,893	Sum Lines 2, 3, 4
6															
7	Demand Rates Per (\$/KW):														
8	Secondary	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972	\$ 6,063,565,7972		Section 3.2.2, Page 14; Line 25
9	Primary	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433	\$ 6,064,541,1433		Section 3.2.2, Page 14; Line 25
10	Transmission	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023	\$ 6,065,309,4023		Section 3.2.2, Page 14; Line 25
11															
12	Revenues @ Calculated Rates:														
13	Secondary	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	\$ 63,083	757,000	Line 2 x Line 8
14	Primary	612,667	612,667	612,667	612,667	612,667	612,667	612,667	612,667	612,667	612,667	612,667	612,667	7,352,000	Line 3 x Line 9
15	Transmission	367,333	367,333	367,333	367,333	367,333	367,333	367,333	367,333	367,333	367,333	367,333	367,333	4,408,000	Line 4 x Line 10
16	Total	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	12,517,000	Sum Lines 13; 14; 15
17															
18	Total Revenues @ Calculated Rates:	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	\$ 1,043,083	12,517,000	Line 16

Line No.		San Diego Gas & Electric												Line No.
Section 3.2.2														
FERC Forecast Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015														
		TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	Total
1	SDG&E System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	Residential	729,926	638,937	611,731	559,979	553,684	581,798	667,872	684,171	758,524	633,907	595,886	678,987	7,695,401
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
5	Residential @ Transmission Level	763,284	668,137	639,688	585,570	578,987	608,386	698,393	715,437	793,188	662,877	623,117	710,017	8,047,081
6														
7	Small Commercial	160,920	154,282	152,343	147,795	151,066	158,444	173,277	171,880	185,635	165,367	155,471	157,136	1,933,615
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
9	Small Commercial @ Transmission Level	168,274	161,333	159,305	154,549	157,969	165,685	181,196	179,734	194,118	172,924	162,576	164,318	2,021,982
10														
11	Med. & Large Comm./Ind. (AD)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
12	Transmission Level Adjustment Factor	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580
13	Med&Lrg C/I (AD)@Trans. Level	3,300	3,269	3,294	3,162	3,262	3,394	3,548	3,583	3,919	3,470	3,211	3,105	40,516
14														
15	Med. & Large Comm./Ind. (AY + AL + DGR)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
16	Transmission Level Adjustment Factor	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	768,181	751,569	744,363	742,418	767,926	804,524	863,393	847,369	915,560	827,289	789,726	763,722	9,586,041
18														
19	Med. & Large Comm./Ind. (A6)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
20	Transmission Level Adjustment Factor	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580	1,03580
21	Med. & Large Comm./Ind. (A6) @ Trans Level	65,519	56,555	52,644	59,463	63,804	59,935	67,110	63,921	70,176	62,196	69,426	67,050	757,800
22														
23	Agriculture (PA + TOU-PA)	4,566	4,620	4,663	5,616	6,806	8,267	9,272	9,135	9,743	8,135	6,706	5,392	82,920
24	Transmission Level Adjustment Factor	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229
25	Agriculture (PA + TOU-PA) @ Trans Level	4,759	4,816	4,860	5,854	7,094	8,617	9,664	9,521	10,155	8,479	6,989	5,620	86,427
26														
27	Agriculture (PA-T-1)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513
28	Transmission Level Adjustment Factor	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229	1,04229
29	Agriculture (PA-T-1) @ Trans Level	14,979	14,894	14,863	16,927	20,451	23,663	26,190	25,169	26,437	22,707	19,530	16,536	242,347
30														
31	Lighting	7,990	7,592	7,588	7,404	7,444	7,722	7,828	7,445	7,828	7,512	7,628	7,909	91,891
32	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
33	Street Lighting @ Transmission Level	8,355	7,939	7,934	7,742	7,784	8,075	8,186	7,785	8,186	7,856	7,977	8,271	96,091
34														
35	Sale for Resale	3,2	3,1	3,1	3,0	3,0	3,1	3,2	3,0	3,2	3,0	3,1	3,2	37,3
36	Total System Delivery@Meter Exclude Resale	1,725,842	1,603,068	1,563,223	1,514,250	1,544,751	1,616,790	1,785,142	1,780,026	1,942,541	1,698,796	1,616,983	1,670,342	20,061,754
37	Total System Delivery@Trans. Exclude Resale	1,796,652	1,668,512	1,626,952	1,575,685	1,607,278	1,682,280	1,857,681	1,852,519	2,021,739	1,767,797	1,682,553	1,738,637	20,878,284
38	Med. & Large Comm./Ind.													
39	Rate Schedule Billing Determinants													
40														
41	Schedule AD: Applicable to 100% NCD													
42	Total Deliveries (MWh)	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
43														

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015

Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
44	Total Deliveries (%)													
45	% @ Secondary Service	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%
46	% @ Primary 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%
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%
48		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	Total Deliveries (MWh)													
50	MWh @ Secondary Service	3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
51	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
52	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
53		3,186	3,156	3,181	3,053	3,149	3,277	3,425	3,460	3,783	3,350	3,100	2,997	39,115
54	Non-Coincident Demand (%)													
55	% @ Secondary Service	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%	0.4270%
56	% @ Primary 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%
57	% @ 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%
58														
59	Non-Coincident Demand (MW)													
60	MW @ Secondary Service	13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023
61	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
62	Non-Coincident Demand @ Transmission Level	14.224	14.091	14.202	13.631	14.060	14.631	15.294	15.447	16.893	14.958	13.842	13.383	174.656
63														
64	MW @ Primary 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
65	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
66	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
67														
68	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
69	Non-Coincident Demand @ Meter Level	13.602	13.476	13.581	13.035	13.446	13.992	14.625	14.772	16.154	14.305	13.237	12.798	167.023
70	Non-Coincident Demand @ Transmission Level	14.224	14.091	14.202	13.631	14.060	14.631	15.294	15.447	16.893	14.958	13.842	13.383	174.656
71														
72														
73	Schedules A1-TOU / AY-TOU / DG-R:													
74	Applicable to 90% NCD - Total Deliveries (MWh)	741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
75														
76	Total Deliveries (%)													
77	% @ Secondary Service	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%	79.48%
78	% @ Primary Service	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%	18.99%
79	% @ Transmission Service	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%	1.53%
80		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%
81	Total Deliveries (MWh)													
82	MWh @ Secondary Service	589,446	576,700	571,170	569,678	589,251	617,333	662,505	650,209	702,534	634,801	605,978	586,025	7,355,629
83	MWh @ Primary Service	140,835	137,790	136,468	136,112	140,789	147,498	158,291	155,353	167,855	151,672	144,785	140,018	1,757,466
84	MWh @ Transmission Service	11,347	11,102	10,995	10,966	11,343	11,884	12,753	12,517	13,524	12,220	11,665	11,281	141,597
85		741,628	725,591	718,633	716,756	741,382	776,715	833,549	818,079	883,913	798,693	762,428	737,323	9,254,692
86														

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015

Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
87	Non-Coincident Demand (%)													
88	% @ Secondary Service	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%	0.2754%
89	% @ Primary Service	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%	0.2226%
90	% @ Transmission Service	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%	0.1919%
91														
92	Non-Coincident Demand (MW)													
93	MW @ Secondary Service	1,623.335	1,588.231	1,573.002	1,568.893	1,622.797	1,700.136	1,824.538	1,790.675	1,934.780	1,748.243	1,668.863	1,613.912	20,257.402
94	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	
95	Non-Coincident Demand @ Transmission Level	1,697.521	1,660.813	1,644.888	1,640.591	1,696.959	1,777.832	1,907.919	1,872.509	2,023.199	1,828.137	1,745.130	1,687.667	21,183.166
96														
97	MW @ Primary Service	313.499	306.720	303.779	302.985	313.395	328.331	352.356	345.816	373.646	337.621	322.292	311.679	3,912.119
98	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	
99	Non-Coincident Demand @ Transmission Level	316.885	310.032	307.060	306.258	316.780	331.877	356.161	349.551	377.681	341.268	325.772	315.046	3,954.370
100														
101	MW @ Transmission Service	21,775	21,304	21,100	21,044	21,768	22,805	24,474	24,019	25,952	23,450	22,385	21,648	271,724
102	Non-Coincident Demand @ Meter Level	1,958.609	1,916.254	1,897.880	1,892.922	1,957.959	2,051.272	2,201.367	2,160.511	2,334.377	2,109.314	2,013.540	1,947.239	24,441.246
103	Non-Coincident Demand @ Transmission Level	2,036.181	1,992.149	1,973.047	1,967.893	2,035.506	2,132.514	2,288.554	2,246.080	2,426.832	2,192.855	2,093.288	2,024.361	25,409.260
104														
105	On-Peak Demand (%)													
106	% @ Secondary Service	0.2255%	0.2255%	0.2255%	0.2255%	0.2255%	0.2512%	0.2512%	0.2512%	0.2512%	0.2512%	0.2255%	0.2255%	0.2390%
107	% @ Primary Service	0.2068%	0.2068%	0.2068%	0.2068%	0.2068%	0.2272%	0.2272%	0.2272%	0.2272%	0.2272%	0.2068%	0.2068%	0.2175%
108	% @ Transmission Service	0.3132%	0.3132%	0.3132%	0.3132%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3092%	0.3132%	0.3132%	0.3111%
109														
110	On-Peak Demand (MW)													Total
111	MW @ Secondary Service	1,329.201	1,300.457	1,287.988	1,284.623	1,480.198	1,550.741	1,664.212	1,633.325	1,764.766	1,594.621	1,366.480	1,321.485	17,578.098
112	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	
113	On-Peak Demand @ Transmission Level	1,389.946	1,359.888	1,346.849	1,343.331	1,547.843	1,621.610	1,740.266	1,707.968	1,845.416	1,667.495	1,428.928	1,381.877	18,381.417
114														
115	MW @ Primary Service	291.247	284.949	282.217	281.480	319.872	335.116	359.637	352.962	381.367	344.598	299.416	289.557	3,822.417
116	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	
117	On-Peak Demand @ Transmission Level	294.393	288.027	285.265	284.520	323.326	338.735	363.521	356.774	385.486	348.320	302.649	292.684	3,863.699
118														
119	MW @ Transmission Service	35.539	34.770	34.437	34.347	35.073	36.745	39.433	38.701	41.816	37.784	36.535	35.332	440.512
120	On-Peak Demand @ Meter Level	1,655.987	1,620.177	1,604.641	1,600.450	1,835.143	1,922.602	2,063.282	2,024.989	2,187.949	1,977.004	1,702.431	1,646.374	21,841.027
121	On-Peak Demand @ Transmission Level	1,719.877	1,682.685	1,666.550	1,662.197	1,906.242	1,997.090	2,143.221	2,103.443	2,272.718	2,053.599	1,768.113	1,709.893	22,685.628
122														
123														
124	Schedule A6-TOU:													Total
125	Total Deliveries (MWh)	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	731,606
126														
127	Total Deliveries (%)													
128	% @ 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%
129	% @ Primary Service	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%	13.88%
130	% @ Transmission Service	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%	86.12%
131		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%

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San Diego Gas & Electric														
FERC Forecast Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015														
Line No.														
132	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
133	MWh @ Secondary Service	8,780	7,578	7,054	7,968	8,550	8,031	8,993	8,566	9,404	8,334	9,303	8,985	0
134	MWh @ Primary Service	54,475	47,022	43,770	49,439	53,049	49,832	55,797	53,146	58,347	51,712	57,723	55,747	101,547
135	MWh @ Transmission Service	63,255	54,600	50,824	57,408	61,599	57,864	64,790	61,711	67,751	60,046	67,026	64,732	630,059
136	Non-Coincident Demand (%)													731,606
137	% @ 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%
138	% @ Primary Service	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%	0.2104%
139	% @ Transmission Service	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%	0.1830%
140														0.1830%
141														0.1830%
142	Non-Coincident Demand (MW)													
143	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
144	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
145	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
146														0.000
147	MW @ Primary Service	18,473	15,945	14,843	16,765	17,989	16,898	18,921	18,022	19,786	17,536	19,574	18,904	213,655
148	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
149	Non-Coincident Demand @ Transmission Level	18,672	16,117	15,003	16,946	18,183	17,081	19,125	18,217	19,999	17,725	19,785	19,108	215,962
150														0.000
151	MW @ Transmission Service	99,689	86,049	80,099	90,474	97,080	91,193	102,109	97,257	106,775	94,632	105,633	102,018	1,153,008
152	Non-Coincident Demand @ Meter Level	118,162	101,995	94,942	107,239	115,069	108,091	121,030	115,279	126,560	112,168	125,207	120,922	1,366,663
153	Non-Coincident Demand @ Transmission Level	118,361	102,167	95,102	107,420	115,263	108,274	121,234	115,474	126,774	112,357	125,418	121,126	1,368,970
154														0.000
155	Coincident Peak Demand (%)													
156	% @ 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%
157	% @ Primary Service	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%	0.1365%
158	% @ Transmission Service	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%	0.1423%
159														0.1423%
160	Coincident Peak Demand (MW)													
161	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
162	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
163	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
164														0.000
165	MW @ Primary Service	11,984	10,345	9,629	10,877	14,424	13,549	15,171	14,450	15,864	14,060	12,699	12,264	155,316
166	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
167	Coincident Peak Demand @ Transmission Level	12,114	10,456	9,733	10,994	14,580	13,695	15,335	14,606	16,036	14,212	12,836	12,397	156,994
168														0.000
169	MW @ Transmission Service	77,518	66,912	62,285	70,352	78,407	73,652	82,468	78,550	86,237	76,430	82,140	79,328	914,277
170	Coincident Peak Demand @ Meter Level	89,502	77,256	71,914	81,229	92,830	87,201	97,639	93,000	102,101	90,490	94,838	91,593	1,069,594
171	Coincident Peak Demand @ Transmission Level	89,632	77,368	72,018	81,346	92,986	87,347	97,803	93,156	102,272	90,642	94,976	91,725	1,071,271
172														0.000
173														0.000
174	Agriculture													
175														
176	Rate Schedule Billing Determinants	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2

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San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015

Line No.	Schedule PA-T-I:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Line No.
177	Total Deliveries (MWh)	14,372	14,290	14,260	16,240	19,621	22,703	25,128	24,147	25,364	21,785	18,738	15,865	232,513	177
178															178
179															179
180	Total Deliveries (%)														180
181	% @ Secondary Service	86.51%	86.52%	86.50%	86.88%	87.19%	87.37%	87.46%	87.38%	87.31%	87.26%	87.13%	86.87%	87.10%	181
182	% @ Primary Service	13.49%	13.48%	13.50%	13.12%	12.81%	12.63%	12.54%	12.62%	12.69%	12.74%	12.87%	13.13%	12.90%	182
183	% @ 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%	183
184	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%	184
185															185
186	MWh @ Secondary Service	12,433	12,364	12,334	14,110	17,107	19,835	21,975	21,100	22,146	19,010	16,327	13,782	202,525	186
187	MWh @ Primary Service	1,938	1,926	1,925	2,130	2,514	2,868	3,152	3,048	3,218	2,775	2,411	2,082	29,988	187
188	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	188
189	Non-Coincident Demand (%)														189
190	% @ Secondary Service	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	0.4221%	190
191	% @ Primary Service	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	0.5139%	191
192	% @ 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%	192
193															193
194															194
195	Non-Coincident Demand (MW)														195
196	MW @ Secondary Service	52.481	52.187	52.064	59.559	72.210	83.723	92.759	89.061	93.480	80.243	68.916	58.175	854.859	196
197	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	197
198	Non-Coincident Demand @ Transmission Level	54.879	54.572	54.443	62.281	75.510	87.550	96.998	93.131	97.752	83.910	72.066	60.834	893.926	198
199															199
200	MW @ Primary Service	9.961	9.898	9.895	10.946	12.919	14.740	16.199	15.663	16.537	14.260	12.390	10.701	154.107	200
201	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	201
202	Non-Coincident Demand @ Transmission Level	10.069	10.005	10.002	11.064	13.058	14.899	16.374	15.832	16.715	14.414	12.523	10.817	155.772	202
203															203
204	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	204
205	Non-Coincident Demand @ Meter Level	62.442	62.085	61.959	70.505	85.129	98.463	108.958	104.724	110.017	94.503	81.306	68.876	1,008.966	205
206	Non-Coincident Demand @ Transmission Level	64.948	64.577	64.445	73.345	88.568	102.448	113.372	108.963	114.467	98.324	84.589	71.651	1,049.697	206
207	Schedule S: Standby Determinants:														207
208	Contracted Standby Demand (MW)														208
209	MW @ Secondary Service	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	9.949	119.388	209
210	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	210
211	Standby Demand @ Transmission Level	10.404	10.404	10.404	10.404	10.404	10.404	10.404	10.404	10.404	10.404	10.404	10.404	124.844	211
212															212
213	MW @ Primary Service	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	99.945	1,199.340	213
214	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	214
215	Standby Demand @ Transmission Level	101.024	101.024	101.024	101.024	101.024	101.024	101.024	101.024	101.024	101.024	101.024	101.024	1,212.293	215
216															216
217	MW @ Transmission Service	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	60.563	726.756	217
218	Standby Demand @ Meter Level	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	170.457	2,045.484	218
219	Standby Demand @ Transmission Level	171.991	171.991	171.991	171.991	171.991	171.991	171.991	171.991	171.991	171.991	171.991	171.991	2,063.893	219
220															220

		Section 3.2.2												
		SAN DIEGO GAS AND ELECTRIC COMPANY												
		TO4-Cycle 4 Annual Transmission Formulaic Rate Filing												
		PROOF of REVENUES from the WHOLESALE True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing												
		For the Rate Effective Period January 2015 - December 2015												
		Billing Determinants @ Transmission Level												
		12-Month True-Up Period (1/1/2015 - 12/31/2015)												
		(A)	(B)	(C)	(D)	(E)	(F)	(G)						(G)
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Sub-Total						
Line No.	Customer Classes	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Line No.
1	Residential Customers ¹	763,283,884	668,136,727	639,687,511	585,569,782	578,987,335	608,386,196	3,844,051,436	-	1				1
2														2
3	Small Commercial ²	168,273,561	161,332,648	159,305,333	154,548,866	157,969,251	165,685,003	967,114,662	-	3				3
4														4
5	Medium-Large Commercial ³	837,000,132	811,393,144	800,301,422	805,043,347	834,992,628	2,164,829	4,956,584,457	12,868,716	5				5
6														6
7	Agricultural Customers ⁴	19,738,803	19,709,788	19,723,020	22,780,606	27,544,542	32,280,286	141,777,045	458,331	7				7
8														8
9	Street Lighting ⁵	8,355,368	7,939,367	7,934,253	7,742,312	7,784,382	8,074,634	47,830,315	-	9				9
10														10
11	Salv for Resale ⁶	3,249	3,068	3,090	3,014	3,037	3,149	18,606	-	11				11
12														12
13	Standby Customers ⁷													12
14														13
15	TOTAL	1,796,654,995	1,668,514,742	1,626,954,629	1,575,687,927	1,607,281,176	1,682,283,052	9,957,376,521	14,358,994	15				15

Section 3.2.2														
SAN DIEGO GAS AND ELECTRIC COMPANY														
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing														
PROOF of REVENUES from the WHOLESALE True-Up Transmission Rates Developed from the TO4-Cycle 2 Filing														
For the Rate Effective Period January 2015 - December 2015														
Billing Determinants @ Transmission Level														
12-Month True-Up Period (1/1/2015 - 12/31/2015)														
	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)						
Line No.	Customer Classes	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Billing Determinants Energy (kWh)	Billing Determinants Demand (kW)	Grand Total
1	Residential Customers ¹	698,393,319	715,437,267	793,188,053	662,876,540	623,117,493	710,016,712	4,203,029,383	-	8,047,080,819	-	-	-	1
2	Small Commercial ²	181,196,231	179,734,405	194,118,378	172,924,280	162,576,085	164,317,538	1,054,866,916	-	2,021,981,578	-	-	-	2
3	Medium-Large Commercial ³	934,050,419	914,872,985	989,655,492	892,954,919	862,362,435	833,876,254	5,427,772,505	14,084,170	10,384,356,961	26,952,886	-	-	3
4	Agricultural Customers ⁴	35,854,963	113,372	108,963	31,185,662	98,324	26,519,814	84,589	22,155,279	71,651	186,996,915	591,366	1,049,697	4
5	Street Lighting ⁵	8,185,954	7,784,927	8,185,747	7,855,801	7,976,846	8,270,920	48,260,195	-	96,090,510	-	-	-	5
6	Sale for Resale ⁶	3,197	3,020	3,179	3,033	3,062	3,177	18,668	-	37,274	-	-	-	6
7	Standby Customers ⁷	171,991	171,991	171,991	171,991	171,991	171,991	1,031,946	-	2,063,893	-	-	-	7
8	TOTAL	1,857,684,082	2,710,445	1,852,522,127	2,657,955	2,021,742,523	2,856,957	1,767,800,234	2,590,486	1,682,555,735	2,489,128	1,738,639,881	2,402,512	10,920,944,582
9	Notes:													
10	See Section 3.2.2; Page 10.1; Line 5 x 1000.													
11	See Section 3.2.2; Page 10.1; Line 9 x 1000.													
12	See Section 3.2.2; Pages 10.1; 10.2; 10.3; 10.4; (Lines 13, 17, and 21) x 1000; (Lines 70, 103, and 153) x 1000.													
13	See Section 3.2.2; Page 10.1; Line 33 x 1000.													
14	See Section 3.2.2; Page 10.1; Line 35 x 1000.													
15	See Section 3.2.2; Page 10.5; Line 219 x 1000.													

Section 3.2.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
PROOF of REVENUES from the WHOLESale True-Up Transmission Rates Developed from the TO4-Cycle 2				
For the Rate Effective Period January 2015 - December 2015				
Total Billing Determinants @ Transmission Level				
12-Month True-Up Period (1/1/2015 - 12/31/2015)				
	(M)			
	12 Months to Date			
Line No.	Customer Classes	Billing Determinants @ Transmission Level Energy (kWh)	Demand (kW)	Line No.
1	Residential Customers	8,047,080,819	-	1
2				2
3	Small Commercial	2,021,981,578	-	3
4				4
5	Medium-Large Commercial	10,384,356,961	26,952,886	5
6				6
7	Agricultural	328,773,960	1,049,697	7
8				8
9	Street Lighting	96,090,510	-	9
10				10
11	Sale for Resale	37,274	-	11
12				12
13	Standby Customers	-	2,063,893	13
14				14
15	TOTAL	20,878,321,103	30,066,476	15

Section 3.2.2		SAN DIEGO GAS AND ELECTRIC COMPANY		TO4-Cycle 4 Annual Transmission Formulaic Rate Filing		WHOLESALE - Rate Design Information	
Summary of TO4-CYCLE-2 Wholesale Transmission Rates Based on TO4-CYCLE-2 Wholesale Cost of Service		Using TO4-CYCLE-2 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	\$ 0.0411203774				Section 3.2.1; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0441665745				Section 3.2.1; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 13.5901586602	\$ 13.5901586573	\$ 13.5901586564	Section 3.2.1; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 12.2311427942	\$ 12.2311427916	\$ 12.2311427908	Section 3.2.1; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	Section 3.2.1; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	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		\$ 2.6379732081	\$ 2.6379732081	\$ -	Section 3.2.1; Page 8; Lines 35;36;37	15
16	Winter		\$ 0.7338125699	\$ 0.7338125699	\$ -	Section 3.2.1; Page 9; Lines 32;33;34	16
17							17
18	Agricultural (Schedules PA and TOU-PA)	\$ 0.0219633930				Section 3.2.1; Page 10; Line 7	18
19							19
20	Agricultural (Schedule PA-T1) ¹						20
21	Non-Coincident Demand (100%)		\$ 5.0165816337	\$ 5.0707607154	\$ 5.0707607154	Section 3.2.1; Page 11; Lines 34;35;36	21
22							22
23	Street Lighting	\$ 0.0319074172				Section 3.2.1; Page 12; Line 11	23
24							24
25	Standby Rate		\$ 6.0653094023	\$ 6.0645411433	\$ 6.0635657972	Section 3.2.1; Page 13; Lines 33;34;35	25
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, DG-R, and A6-TOU.						
3	Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, 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 3.2.3

Derivation of CAISO Wholesale True-Up Revenues Based on the CAISO Wholesale True-Up Transmission Rates Derived from Section 3.2.2

Docket No. ER17-____-____

SAN DIEGO GAS AND ELECTRIC COMPANY														
Section 3.2.3														
TO4-Cycle 4 Annual Transmission Formulate Rate Filing														
SUMMARY of CAISO WHOLESale True-Up Revenues														
For the 12-Month Period January 2015 through December 2015														
True-Up Period (1/1/2015 - 12/31/2015)														
Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	\$ 28,162,437	\$ 23,039,099	\$ 22,521,245	\$ 21,519,441	\$ 21,739,862	\$ 21,951,039	\$ 25,772,296	\$ 28,160,583	\$ 33,447,453	\$ 31,007,125	\$ 25,182,869	\$ 25,021,640	\$ 307,525,088	Section 3.2.3; Pages 2 & 3; Line 29
2														
3														
4														
5	187,274	182,439	193,161	202,946	200,530	190,228	203,688	202,987	223,298	225,273	198,774	168,569	2,379,166	Section 3.2.3; Page 4; Line 18
6	26,601,381	26,076,770	25,874,926	28,262,964	26,595,909	24,506,989	29,815,814	28,885,083	30,411,516	33,317,213	29,664,429	27,479,829	337,492,822	Section 3.2.3; Page 5; Line 30
7	1,170,274	1,129,056	1,163,235	1,277,177	4,165,611	4,163,995	4,887,223	4,757,790	5,156,091	5,523,588	1,388,199	1,201,035	35,983,273	Section 3.2.3; Page 6; Line 18
8	55,395	57,056	61,333	63,047	175,835	99,874	389,850	261,076	217,989	311,750	70,637	74,279	1,838,121	Section 3.2.3; Page 7; Line 18
9	28,014,324	27,445,320	27,292,654	29,806,133	31,137,885	28,961,087	35,296,575	34,106,935	36,008,895	39,377,823	31,322,040	28,923,711	377,693,382	Sum Lines 5, 6, 7, 8
10														
11	110,597	140,327	135,819	183,061	172,124	178,267	204,592	196,703	218,157	195,822	188,154	167,402	2,091,025	Section 3.2.3; Page 2 & 3; Line 35
12	252,725	351,496	346,423	392,380	346,175	355,022	386,733	639,613	373,788	501,359	309,833	433,583	4,689,130	Section 3.2.3; Page 8; Line 18
13														
14														
15	180,956	360,567	261,940	286,578	162,376	235,656	304,623	160,467	272,376	172,300	260,567	332,529	2,990,936	Section 3.2.3; Pages 2 & 3; Line 39
16														
17	1,043,044	1,042,381	1,038,722	1,038,805	1,035,294	1,017,599	1,024,964	1,032,751	1,053,461	1,042,491	1,050,219	1,052,165	12,471,897	Section 3.2.3; Page 9; Line 18
18														
19	\$ 65,107,346	\$ 59,089,317	\$ 58,645,680	\$ 60,503,745	\$ 61,432,106	\$ 59,664,563	\$ 70,806,920	\$ 72,231,147	\$ 79,893,292	\$ 80,603,583	\$ 65,623,649	\$ 62,718,417	\$ 796,319,766	Sum Lines 1, 3, 9, 13, 15, 17
Notes:														
The CAISO Wholesale True-Up Revenues by customer class from January 2015 - December 2015, were based on CAISO Wholesale Transmission Rates derived from Section 3.2.2.														
The derived transmission rates at the Transmission Level were then applied to the recorded consumption at transmission level for the True-Up Period January 2015 - December 2015.														
The CAISO Wholesale Transmission Rates were derived based on the FERC approved Wholesale ETRR of \$899.301 million from the TO4-Cycle 2 Annual Informational Filing in Docket No. ER15-553-000.														

Section 3.2.3
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
SUMMARY of CAISO WHOLESAL E True-Up Revenues
For the 12-Month Period January 2015 through December 2015
True-Up Period (1/1/2015 - 12/31/2015)

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(F) Sub-Total	
		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)	Billing Determinants Energy (kWh)	Demand (kW)
1	Residential Customers	684,877,878	-	560,284,224	-	547,690,615	-	523,327,914	-	528,688,287	-	553,823,864	-	3,378,692,783	-
2	Small Commercial	166,262,910	-	151,927,741	-	159,597,555	-	164,770,441	-	154,831,777	-	157,718,684	-	955,109,108	-
3	Medium-Large Commercial	858,894,056	-	2,188,669	-	808,319,736	-	865,276,803	-	848,345,515	-	777,900,052	-	5,021,944,168	-
4	Agricultural (PA and TOL-PA)	5,035,530	-	6,389,114	-	6,183,872	-	8,334,844	-	7,836,845	-	8,116,536	-	41,896,742	-
5	Agricultural (PA-T-1)	13,035,380	49,847	17,255,588	69,338	16,016,792	68,327	20,279,998	77,392	16,723,884	68,278	16,536,543	70,023	99,848,185	403,195
6	Street Lighting	5,671,268	-	11,300,415	-	8,209,381	-	8,981,559	-	5,088,975	-	7,385,622	-	46,637,220	-
7	Standby Customers	-	171,985	-	171,875	-	171,272	-	171,286	-	170,707	-	167,789	-	
8	TOTAL	1,733,777,022	2,410,501	1,610,165,087	2,386,625	1,546,217,952	2,369,308	1,590,971,559	2,574,348	1,561,515,284	2,428,183	1,501,481,303	2,255,465	9,544,128,206	14,424,429
<p><i>Note: The above billing determinants are the recorded determinants from January 2015 through December 2015. The recorded consumption is translated from retail to transmission level.</i></p>															
Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(F) Sub-Total	
		Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)
16	Residential Customers	\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774	
17	Small Commercial	\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745	
18	Medium-Large Commercial														
19	Agricultural (PA and TOL-PA)	\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930	
20	Agricultural (PA-T-1)														
21	Street Lighting	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172	
22	Standby Customers														
<p><i>Note: The wholesale true-up transmission rates from January 2015 - December 2015 were derived based on the FERC Approved Wholesale PTRR of \$8.09/301 million from TO4 Cycle 2.</i></p>															
Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(F) Sub-Total	
		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 @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
29	Residential Customers	\$ 28,162,437	\$ -	\$ 23,039,099	\$ -	\$ 22,521,245	\$ -	\$ 21,519,441	\$ -	\$ 21,739,862	\$ -	\$ 21,951,039	\$ -	\$ 138,933,122	\$ -
30	Small Commercial	\$ 7,343,263	\$ -	\$ 6,710,128	\$ -	\$ 7,048,877	\$ -	\$ 7,277,346	\$ -	\$ 6,838,389	\$ -	\$ 6,965,894	\$ -	\$ 42,183,898	\$ -
31	Medium-Large Commercial	\$ -	\$ 28,014,324	\$ -	\$ 27,445,320	\$ -	\$ 27,292,654	\$ -	\$ 29,806,133	\$ -	\$ 31,137,885	\$ -	\$ 28,961,087	\$ -	
32	Agricultural (PA and TOL-PA)	\$ 110,597	\$ -	\$ 140,327	\$ -	\$ 135,819	\$ -	\$ 183,061	\$ -	\$ 172,124	\$ -	\$ 178,267	\$ -	\$ 920,195	\$ -
33	Agricultural (PA-T-1)	\$ -	\$ 252,725	\$ -	\$ 351,496	\$ -	\$ 346,423	\$ -	\$ 392,380	\$ -	\$ 346,175	\$ -	\$ 355,022	\$ -	
34	Street Lighting	\$ 180,956	\$ -	\$ 360,567	\$ -	\$ 261,940	\$ -	\$ 286,578	\$ -	\$ 162,376	\$ -	\$ 235,656	\$ -	\$ 1,488,073	\$ -
35	Standby Customers	\$ -	\$ 1,043,044	\$ -	\$ 1,042,381	\$ -	\$ 1,038,722	\$ -	\$ 1,038,805	\$ -	\$ 1,035,294	\$ -	\$ 1,017,599	\$ -	
36	TOTAL	\$ 35,797,253	\$ 29,310,093	\$ 30,250,120	\$ 28,839,197	\$ 29,967,881	\$ 28,677,799	\$ 29,266,427	\$ 31,237,318	\$ 28,912,751	\$ 32,519,355	\$ 29,330,856	\$ 30,333,708	\$ 183,525,288	\$ 180,917,469
43	Grand Total	\$ 65,107,346		\$ 59,089,317		\$ 58,645,680		\$ 60,503,745		\$ 61,432,106		\$ 59,684,563		\$ 364,442,757	

Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C.T. Agricultural PA-T-1 and Standby Customers where these revenues are derived on pages 4-9.

Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY
 TOU-Cycle 4 Annual Transmission Formula Rate Filing
 SUMMARY of CAISO WHOLESALe True-Up Revenues
 For the 12-Month Period January 2015 through December 2015
 True-Up Period (1/1/2015 - 12/31/2015)

Line No.	Customer Classes	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		Sub-Total		Grand-Total			
		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)	Billing Determinants Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
1	Residential Customers	626,752,410	-	684,832,789	-	813,403,353	-	754,057,401	-	612,418,234	-	608,497,344	-	4,099,961,551	-	7,478,654,314	-	-	-
2	Small Commercial	176,992,164	-	179,640,243	-	192,887,081	-	188,075,785	-	165,809,039	-	153,677,009	-	1,056,781,321	-	2,011,890,428	-	-	-
4	Medium-Large Commercial	974,534,535	2,452,684	927,580,863	2,376,538	971,105,840	2,502,831	1,046,737,978	2,740,542	956,562,500	2,439,946	903,924,498	2,259,114	5,780,246,214	14,771,654	10,802,190,382	27,267,975	5	6
6	Agricultural (PA and TOU-PA)	9,315,152	-	8,955,941	-	9,932,745	-	8,915,830	-	8,566,723	-	7,621,860	-	53,308,251	-	95,204,992	-	-	-
9	Agricultural (PA-T-1)	19,963,670	76,278	46,182,562	126,155	18,072,645	73,725	27,094,259	98,886	12,693,235	61,110	19,204,254	85,518	143,210,626	521,672	245,058,811	924,867	9	10
11	Street Lighting	9,547,079	-	5,029,159	-	8,536,456	-	5,399,998	-	8,166,350	-	10,421,681	-	47,100,724	-	93,737,944	-	-	-
12	Standby Customers	-	169,003	-	170,287	-	173,702	-	171,893	-	173,167	-	173,488	-	1,031,541	-	2,056,455	13	14
15	TOTAL	1,817,105,011	2,697,965	1,852,221,556	2,672,980	2,013,938,120	2,750,258	2,030,281,251	3,011,321	1,763,716,081	2,674,224	1,703,346,647	2,518,120	11,180,608,666	16,324,868	20,724,736,872	30,749,297	15	
Note: The above billing determinants are the recorded determinants from January 2015 through December 2015. The recorded consumption is translated from retail to transmission level.																			
Note: The wholesale true-up transmission rates from January 2015 - December 2015 were derived based on the FERC Approved Wholesale BTRR of \$809.301 million from TOU Cycle 2.																			
Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-L Agricultural PA-T-1 and Standby Customers where these revenues are derived on pages 49.																			
16	Residential Customers	\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		\$ 0.0411203774		16	17
17	Small Commercial	\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		\$ 0.0441665745		17	18
18	Medium-Large Commercial																	18	19
20	Medium-Large Commercial																	19	20
21	Agricultural (PA and TOU-PA)	\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		\$ 0.0219633930		20	21
22	Agricultural (PA-T-1)																	21	22
23	Agricultural (PA-T-1)																	22	23
24	Agricultural (PA-T-1)																	23	24
25	Street Lighting	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		24	25
26	Street Lighting	\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		\$ 0.0319074172		25	26
27	Standby Customers																	26	27
28	Standby Customers																	27	28
Note: The wholesale true-up transmission rates from January 2015 - December 2015 were derived based on the FERC Approved Wholesale BTRR of \$809.301 million from TOU Cycle 2.																			
Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-L Agricultural PA-T-1 and Standby Customers where these revenues are derived on pages 49.																			
29	Residential Customers	\$ 25,772,296	\$ -	\$ 28,160,583	\$ -	\$ 33,447,453	\$ -	\$ 31,007,125	\$ -	\$ 25,182,869	\$ -	\$ 25,021,640	\$ -	\$ 168,591,965	\$ -	\$ 307,525,088	\$ -	29	30
30	Small Commercial	\$ 7,817,138	\$ -	\$ 7,934,094	\$ -	\$ 8,519,162	\$ -	\$ 8,306,663	\$ -	\$ 7,309,967	\$ -	\$ 6,787,387	\$ -	\$ 46,674,411	\$ -	\$ 88,858,308	\$ -	30	31
31	Medium-Large Commercial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	31	32
32	Medium-Large Commercial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	32	33
33	Agricultural (PA and TOU-PA)	\$ 204,592	\$ -	\$ 196,703	\$ -	\$ 218,157	\$ -	\$ 195,822	\$ -	\$ 188,154	\$ -	\$ 167,402	\$ -	\$ 1,170,830	\$ -	\$ 2,091,025	\$ -	33	34
34	Agricultural (PA-T-1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34	35
35	Agricultural (PA-T-1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	35	36
36	Agricultural (PA-T-1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	36	37
37	Street Lighting	\$ 304,623	\$ -	\$ 160,467	\$ -	\$ 272,376	\$ -	\$ 172,300	\$ -	\$ 260,567	\$ -	\$ 332,529	\$ -	\$ 1,502,862	\$ -	\$ 2,990,936	\$ -	37	38
38	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	38	39
39	Standby Customers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	39	40
40	TOTAL	\$ 34,098,648	\$ 36,708,272	\$ 36,451,847	\$ 35,779,300	\$ 42,457,148	\$ 37,436,144	\$ 39,681,910	\$ 40,921,673	\$ 32,941,558	\$ 32,682,092	\$ 32,308,958	\$ 30,409,459	\$ 217,940,069	\$ 213,936,940	\$ 401,465,357	\$ 394,854,409	40	41
41	TOTAL	\$ 34,098,648	\$ 36,708,272	\$ 36,451,847	\$ 35,779,300	\$ 42,457,148	\$ 37,436,144	\$ 39,681,910	\$ 40,921,673	\$ 32,941,558	\$ 32,682,092	\$ 32,308,958	\$ 30,409,459	\$ 217,940,069	\$ 213,936,940	\$ 401,465,357	\$ 394,854,409	41	42
42	TOTAL	\$ 34,098,648	\$ 36,708,272	\$ 36,451,847	\$ 35,779,300	\$ 42,457,148	\$ 37,436,144	\$ 39,681,910	\$ 40,921,673	\$ 32,941,558	\$ 32,682,092	\$ 32,308,958	\$ 30,409,459	\$ 217,940,069	\$ 213,936,940	\$ 401,465,357	\$ 394,854,409	42	43
43	TOTAL	\$ 34,098,648	\$ 36,708,272	\$ 36,451,847	\$ 35,779,300	\$ 42,457,148	\$ 37,436,144	\$ 39,681,910	\$ 40,921,673	\$ 32,941,558	\$ 32,682,092	\$ 32,308,958	\$ 30,409,459	\$ 217,940,069	\$ 213,936,940	\$ 401,465,357	\$ 394,854,409	43	44
44	TOTAL	\$ 34,098,648	\$ 36,708,272	\$ 36,451,847	\$ 35,779,300	\$ 42,457,148	\$ 37,436,144	\$ 39,681,910	\$ 40,921,673	\$ 32,941,558	\$ 32,682,092	\$ 32,308,958	\$ 30,409,459	\$ 217,940,069	\$ 213,936,940	\$ 401,465,357	\$ 394,854,409	44	45
45	Grand Total	\$ 70,806,920	\$ 72,231,147	\$ 79,893,292	\$ 80,603,583	\$ 86,623,649	\$ 87,118,417	\$ 92,147,009	\$ 92,623,649	\$ 97,118,417	\$ 97,623,649	\$ 98,118,417	\$ 103,118,417	\$ 108,118,417	\$ 113,118,417	\$ 118,118,417	\$ 123,118,417	45	

Section 3.2.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TU04-Cycle 4 Annual Transmission Formulaic Rate Filing															
SUMMARY OF CAISO WHOLESALE True-Up Revenues															
For the 12-Month Period January 2015 through December 2015															
True-Up Period (1/1/2015 - 12/31/2015)															
Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	On-Peak Demand (K.W):														
2	Secondary	1,400,680	1,324,357	1,358,307	1,519,509	1,465,352	1,609,481	1,790,035	1,749,973	1,867,646	2,016,382	1,528,872	1,365,459	18,996,053	Section 3.2.3; Page 10.3; Line 11.3 x 1000
3	Primary	309,351	386,966	283,833	296,989	373,346	241,401	381,088	369,722	433,123	471,811	465,243	328,823	4,341,696	Section 3.2.3; Page 10.3; Line 11.7 x 1000
4	Transmission	19,935	(43,287)	77,420	71,497	(42,604)	29,690	36,078	29,050	27,860	64,07	58,001	81,157	457,412	Section 3.2.3; Page 10.3; Line 11.9 x 1000
5	Total	1,729,966	1,669,036	1,719,560	1,887,996	1,881,302	1,880,572	2,207,201	2,148,746	2,328,629	2,594,600	2,052,116	1,775,489	23,775,162	Sum Lines 2,3,4
6	Maximum On-Peak Demand Rates Per (K/KW):														
7	Secondary	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	Section 3.2.3; Page 14; Lines 11&12
8	Primary	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	Section 3.2.3; Page 14; Lines 11&12
9	Transmission	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	Section 3.2.3; Page 14; Lines 11&12
10	Transmission	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	Section 3.2.3; Page 14; Lines 11&12
11															
12	Revenues @ Calculated Rates:														
13	Secondary	\$ 947,521	\$ 895,890	\$ 918,857	\$ 1,027,906	\$ 3,244,607	\$ 3,563,741	\$ 3,963,526	\$ 3,874,821	\$ 4,135,375	\$ 4,464,709	\$ 1,034,240	\$ 923,695	\$ 28,994,889	Line 2 x Line 8
14	Primary	\$ 209,267	\$ 261,772	\$ 192,005	\$ 200,905	\$ 826,670	\$ 534,515	\$ 843,812	\$ 818,646	\$ 959,028	\$ 1,044,692	\$ 314,724	\$ 222,439	\$ 6,428,474	Line 3 x Line 9
15	Transmission	\$ 13,486	\$ (28,606)	\$ 52,373	\$ 48,366	\$ 94,334	\$ 65,740	\$ 79,885	\$ 64,323	\$ 61,688	\$ 14,187	\$ 39,236	\$ 54,901	\$ 559,910	Line 4 x Line 10
16	Total	\$ 1,170,274	\$ 1,129,056	\$ 1,163,235	\$ 1,277,177	\$ 4,165,611	\$ 4,163,995	\$ 4,887,223	\$ 4,757,790	\$ 5,156,091	\$ 5,523,588	\$ 1,388,199	\$ 1,201,035	\$ 35,983,273	Sum Lines 13, 14, 15
17	Total Revenues @ Calculated Rates:	\$ 1,170,274	\$ 1,129,056	\$ 1,163,235	\$ 1,277,177	\$ 4,165,611	\$ 4,163,995	\$ 4,887,223	\$ 4,757,790	\$ 5,156,091	\$ 5,523,588	\$ 1,388,199	\$ 1,201,035	\$ 35,983,273	Line 16
18															
1	Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A-Y; TOU; AL-TOU; AL-TOU-DEER and DG-R.														

Section 3.2.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 4 Annual Transmission Formulate Rate Filing															
SUMMARY of CAISO WHOLESALe True-Up Revenues															
For the 12-Month Period January 2015 through December 2015															
True-Up Period (1/1/2015 - 12/31/2015)															
Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Coincident Peak Demand (KW):														
2	Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Primary	11,798	10,891	10,749	12,517	9,442	(14,881)	51,660	13,438	11,476	16,544	9,451	14,567	157,602	Section 3.2.3, Page 104; Ln. 163 x 1000
4	Transmission	63,692	66,862	72,832	73,399	57,213	52,241	96,124	85,530	71,209	101,634	86,810	86,656	914,703	Section 3.2.3, Page 104; Ln. 167 x 1000
5	Total	75,490	77,753	83,581	85,917	66,655	37,360	147,784	98,968	82,685	118,178	96,261	101,223	1,072,304	Sum Lines 2, 3, 4
6															
7	Coincident Peak Demand Rates Per (KW):														
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
9	Primary	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	Section 3.2.3, Pg. 14; Lines 15 & 16
10	Transmission	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	\$ 0.7338125699	Section 3.2.3, Pg. 14; Lines 15 & 16
11															
12	Revenues @ Calculated Rates:														
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8
14	Primary	\$ 8,657	\$ 7,992	\$ 7,888	\$ 9,185	\$ 24,909	\$ (9,255)	\$ 136,277	\$ 35,449	\$ 30,141	\$ 43,643	\$ 6,935	\$ 10,690	\$ 282,510	Line 3 x Line 9
15	Transmission	\$ 46,738	\$ 49,064	\$ 53,861	\$ 53,861	\$ 150,226	\$ 139,129	\$ 253,574	\$ 225,626	\$ 187,848	\$ 268,107	\$ 65,702	\$ 63,889	\$ 1,535,611	Line 4 x Line 10
16	Total	\$ 55,395	\$ 57,056	\$ 61,333	\$ 63,047	\$ 175,835	\$ 99,874	\$ 389,850	\$ 261,076	\$ 217,989	\$ 311,750	\$ 70,637	\$ 74,279	\$ 1,838,121	Sum Lines 13, 14, 15
17															
18	Total Revenues @ Calculated Rates:	\$ 55,395	\$ 57,056	\$ 61,333	\$ 63,047	\$ 175,835	\$ 99,874	\$ 389,850	\$ 261,076	\$ 217,989	\$ 311,750	\$ 70,637	\$ 74,279	\$ 1,838,121	Line 16
19															
20	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AG-TOU.														

Section 3.2.3																
SAN DIEGO GAS AND ELECTRIC COMPANY																
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing																
SUMMARY of CAISO WHOLESALe True-Up Revenues																
For the 12-Month Period January 2015 through December 2015																
True-Up Period (1/1/2015 - 12/31/2015)																
Agricultural Customers																
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference	Line No.
1	Non-Coincident Demand (KW): Applied to 100%															
2	Secondary	64,898	59,444	59,071	67,797	62,819	62,488	68,786	71,073	67,303	70,335	50,200	70,189	774,405	Section 3.2.3; Page 10.5; Ln. 198 x 10000	1
3	Primary	(15,051)	9,884	9,256	9,594	5,459	7,535	7,492	55,082	6,422	28,551	10,910	15,329	150,463	Section 3.2.3; Page 10.5; Ln. 203 x 10000	2
4	Transmission														Section 3.2.3; Page 10.5; Ln. 204 x 10000	3
5	Total	49,847	69,328	68,327	77,392	68,278	70,023	76,278	126,155	73,725	98,886	61,110	85,518	924,867	Sum Lines 2; 3; 4	4
6	Non-Coincident Demand Rates Per (SKW) @ 100%.															6
7	Secondary															7
8	Primary															8
9	Transmission															9
10	Total															10
11	Revenues @ Calculated Rates:															11
12	Secondary	\$ 329,037	\$ 301,385	\$ 299,494	\$ 343,736	\$ 318,498	\$ 316,818	\$ 348,750	\$ 360,345	\$ 341,229	\$ 356,604	\$ 254,519	\$ 355,862	\$ 3,926,276	Line 2 x Line 8	12
13	Primary	(76,312)	50,110	46,929	48,644	27,677	38,204	37,983	279,268	32,559	144,756	55,315	77,721	762,854	Line 3 x Line 9	13
14	Transmission															14
15	Total	\$ 252,725	\$ 351,496	\$ 346,423	\$ 392,380	\$ 346,175	\$ 355,022	\$ 386,733	\$ 639,613	\$ 373,788	\$ 501,359	\$ 309,833	\$ 433,583	\$ 4,689,130	Sum Lines 13; 14; 15	15
16	Total Revenues @ Calculated Rates:															16
17	Secondary															17
18	Primary															18
19	Transmission															19
20	Total															20
21	Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: PA-1-1.															21

Section 3.2.3																
SAN DIEGO GAS AND ELECTRIC COMPANY																
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing																
SUMMARY of CAISO WHOLESale True-Up Revenues																
For the 12-Month Period January 2015 through December 2015																
True-Up Period (1/1/2015 - 12/31/2015)																
Standby Customers																
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference	Line No.
1	Demand - Billing Determinants (KW):															
2	Secondary	9,978	9,978	9,353	9,353	9,379	9,519	9,454	9,298	9,215	9,216	10,107	10,223	115,072	Section 3.2.3, Page 10.5; Ln. 211 x 1000	1
3	Primary	103,197	103,171	103,162	103,134	103,139	100,053	98,645	100,157	103,571	100,261	100,486	100,477	1,219,452	Section 3.2.3, Page 10.5; Ln. 215 x 1000	2
4	Transmission	58,810	58,726	58,757	58,799	58,189	58,217	60,904	60,832	60,916	62,416	62,575	62,789	721,930	Section 3.2.3, Page 10.5; Ln. 217 x 1000	3
5	Total	171,985	171,875	171,272	171,286	170,707	167,789	169,003	170,287	173,702	171,893	173,167	173,488	2,056,455	Sum Lines 2, 3, 4	4
6																5
7	Demand Rates Per (\$/KW):															6
8	Secondary	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972	\$ 6.0635657972		Section 3.2.3, Page 14; Line 25	7
9	Primary	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433	\$ 6.0645411433		Section 3.2.3, Page 14; Line 25	8
10	Transmission	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023	\$ 6.0653094023		Section 3.2.3, Page 14; Line 25	9
11																10
12	Revenues at Present Rates:															11
13	Secondary	\$ 60,503	\$ 60,503	\$ 56,711	\$ 56,711	\$ 56,869	\$ 57,719	\$ 57,326	\$ 56,379	\$ 55,878	\$ 55,880	\$ 61,283	\$ 61,986	697,749	Line 2 x Line 8	12
14	Primary	625,840	625,687	625,632	625,460	625,491	606,776	598,237	607,407	628,108	608,038	609,399	609,344	7,395,419	Line 3 x Line 9	13
15	Transmission	356,701	356,191	356,579	356,634	352,934	353,104	369,402	368,965	369,474	378,572	379,537	380,855	4,378,729	Line 4 x Line 10	14
16	Total	1,043,044	1,042,381	1,038,722	1,038,805	1,035,294	1,017,599	1,024,964	1,032,751	1,053,461	1,042,491	1,050,219	1,052,165	12,471,897	Sum Lines 13; 14; 15	15
17																16
18	Total Revenues at Present Rates	\$ 1,043,044	\$ 1,042,381	\$ 1,038,722	\$ 1,038,805	\$ 1,035,294	\$ 1,017,599	\$ 1,024,964	\$ 1,032,751	\$ 1,053,461	\$ 1,042,491	\$ 1,050,219	\$ 1,052,165	12,471,897	Line 16	17

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Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Line No.
44	Total Deliveries (%)														44
45	% @ Secondary Service	97.82%	97.82%	97.62%	97.72%	97.72%	97.56%	97.83%	97.79%	97.53%	97.98%	98.08%	97.40%	97.74%	45
46	% @ Primary Service	2.18%	2.18%	2.38%	2.28%	2.28%	2.44%	2.17%	2.21%	2.47%	2.02%	1.92%	2.60%	2.26%	46
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%	47
48	Total Deliveries (MWh)														48
49	MWh @ Secondary Service	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128	50
51	MWh @ Primary Service	70	66	73	73	73	74	72	77	92	74	62	74	880	51
52	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	52
53		3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008	53
54	Non-Coincident Demand (%)														54
55	% @ Secondary Service	0.4139%	0.4290%	0.4498%	0.4504%	0.4489%	0.4466%	0.4359%	0.4159%	0.4248%	0.4371%	0.4367%	0.4245%	0.4342%	55
56	% @ Primary Service	0.2144%	0.2475%	0.1971%	0.2102%	0.2205%	0.2071%	0.2223%	0.2378%	0.2254%	0.2244%	0.2116%	0.1907%	0.2175%	56
57	% @ 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%	57
58															58
59	Non-Coincident Demand (MW)														59
60	MW @ Secondary Service	13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565	60
61	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	61
62	Non-Coincident Demand @ Transmission Level	13.628	13.260	14.068	14.778	14.594	13.842	14.826	14.752	16.220	16.408	14.493	12.262	173.131	62
63															63
64	MW @ Primary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914	64
65	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	65
66	Non-Coincident Demand @ Transmission Level	0.152	0.165	0.145	0.156	0.162	0.155	0.162	0.184	0.211	0.168	0.133	0.142	1.934	66
67															67
68	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	68
69	Non-Coincident Demand @ Meter Level	13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.720	15.857	13.992	11.866	167.478	69
70	Non-Coincident Demand @ Transmission Level	13.780	13.424	14.213	14.933	14.756	13.998	14.988	14.936	16.431	16.576	14.626	12.404	175.065	70
71															71
72															72
73	Schedules AL-TOU / AY-TOU / DG-R:														73
74	Applicable to 99% NCD - Total Deliveries (MWh)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	74
75															75
76	Total Deliveries (%)														76
77	% @ Secondary Service	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%	77
78	% @ Primary Service	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%	78
79	% @ Transmission Service	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%	79
80		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%	80
81	Total Deliveries (MWh)														81
82	MWh @ Secondary Service	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474	82
83	MWh @ Primary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312	83
84	MWh @ Transmission Service	7,228	-1,706	23,355	17,068	15,732	6,210	7,931	12,283	10,517	-8,332	27,567	49,276	167,129	84
85		760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	85
86															86

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FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015

Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
87	Non-Coincident Demand (%)													
88	% @ Secondary Service	0.2726%	0.2756%	0.2882%	0.2834%	0.2835%	0.2814%	0.2706%	0.2732%	0.2741%	0.2787%	0.2827%	0.2782%	0.2783%
89	% @ Primary Service	0.2109%	0.1924%	0.2153%	0.2399%	0.2104%	0.1644%	0.2149%	0.2092%	0.2161%	0.2183%	0.2164%	0.2043%	0.2098%
90	% @ Transmission Service	0.2224%	0.3224%	0.1550%	0.2163%	0.1659%	0.1803%	0.2274%	0.2054%	0.2073%	0.0377%	0.1613%	0.1310%	0.1747%
91														
92	Non-Coincident Demand (MW)													
93	MW @ Secondary Service	1,666,538	1,583,673	1,605,300	1,745,694	1,624,834	1,641,830	1,814,393	1,790,128	1,886,511	2,027,948	1,720,747	1,643,008	20,750,603
94	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	
95	Non-Coincident Demand @ Transmission Level	1,742,699	1,656,047	1,678,662	1,825,472	1,699,089	1,716,861	1,897,311	1,871,937	1,972,724	2,120,625	1,799,385	1,718,094	21,698,906
96														
97	MW @ Primary Service	300,069	389,513	288,162	325,723	360,115	204,066	355,199	339,785	383,904	450,667	464,349	337,707	4,199,259
98	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	
99	Non-Coincident Demand @ Transmission Level	303,310	393,719	291,274	329,241	364,004	206,270	359,035	343,454	388,051	455,534	469,364	341,354	4,244,611
100														
101	MW @ Transmission Service	16,075	-5,500	36,200	36,918	26,100	11,197	18,035	25,230	21,802	-3,141	44,465	64,551	291,932
102	Non-Coincident Demand @ Meter Level	1,982,683	1,967,686	1,929,661	2,108,335	2,011,049	1,857,092	2,187,627	2,155,143	2,292,217	2,475,474	2,229,561	2,045,267	25,241,794
103	Non-Coincident Demand @ Transmission Level	2,062,085	2,044,266	2,006,136	2,191,631	2,089,193	1,934,328	2,274,381	2,240,621	2,382,577	2,573,019	2,313,214	2,123,999	26,225,449
104														
105	On-Peak Demand (%)													
106	% @ Secondary Service	0.2191%	0.2204%	0.2332%	0.2359%	0.2445%	0.2638%	0.2553%	0.2554%	0.2595%	0.2650%	0.2402%	0.2211%	0.2436%
107	% @ Primary Service	0.2151%	0.1891%	0.2098%	0.2164%	0.2158%	0.1924%	0.2281%	0.2252%	0.2412%	0.2261%	0.2145%	0.1968%	0.2146%
108	% @ Transmission Service	0.2758%	2.4790%	0.3315%	0.4189%	0.2708%	0.4781%	0.4549%	0.2365%	0.2649%	-0.0769%	0.2104%	0.1647%	0.2617%
109														
110	On-Peak Demand (MW)													
111	MW @ Secondary Service	1,339,466	1,266,479	1,298,945	1,453,102	1,401,312	1,539,142	1,711,805	1,673,495	1,786,025	1,928,261	1,462,056	1,305,784	18,165,873
112	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	
113	On-Peak Demand @ Transmission Level	1,400,680	1,324,357	1,358,307	1,519,509	1,465,352	1,609,481	1,790,035	1,749,973	1,867,646	2,016,382	1,528,872	1,365,459	18,996,053
114														
115	MW @ Primary Service	306,045	382,832	280,801	293,816	369,357	238,822	377,016	365,772	428,495	466,770	460,272	325,309	4,295,307
116	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	
117	On-Peak Demand @ Transmission Level	309,351	386,966	283,833	296,989	373,346	241,401	381,088	369,722	433,123	471,811	465,243	328,823	4,341,696
118														
119	MW @ Transmission Service	19,935	-42,287	77,420	71,497	42,604	29,690	36,078	29,050	27,860	6,407	58,001	81,157	437,412
120	On-Peak Demand @ Meter Level	1,665,447	1,607,023	1,657,166	1,818,416	1,813,273	1,807,654	2,124,900	2,068,316	2,242,380	2,401,438	1,980,329	1,712,251	22,898,592
121	On-Peak Demand @ Transmission Level	1,729,966	1,669,036	1,719,560	1,887,996	1,881,302	1,880,572	2,207,201	2,148,746	2,328,629	2,494,600	2,052,116	1,775,439	23,775,162
122														
123														
124	Schedule A6-TOU:													
125	Total Deliveries (MWh)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
126														
127	Total Deliveries (%)													
128	% @ 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%
129	% @ Primary Service	15.33%	15.07%	12.64%	16.20%	9.77%	-21.10%	33.80%	15.14%	16.19%	15.76%	13.95%	17.81%	15.57%
130	% @ Transmission Service	84.67%	84.93%	87.36%	83.80%	90.23%	121.10%	66.20%	84.86%	83.81%	84.24%	86.05%	82.19%	84.43%
131		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%

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Line No.	FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015										Line No.											
132	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0												
133	MWh @ Secondary Service	9,984	8,256	8,002	10,260	5,453	-7,213	31,705	9,402	9,288	12,787	9,659	11,520	119,103								
134	MWh @ Primary Service	55,145	46,529	55,302	53,072	41,398	62,096	62,096	52,699	48,082	68,348	59,581	53,163	645,778								
135	MWh @ Transmission Service	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881								
136	Non-Coincident Demand (%)																					
137	% @ 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%								
138	% @ Primary Service	0.2342%	0.1486%	0.1624%	0.1951%	0.1203%	0.0178%	0.1620%	0.2050%	0.1497%	0.2414%	0.1468%	0.2238%	0.1925%								
139	% @ Transmission Service	0.1617%	0.1619%	0.1740%	0.1863%	0.1561%	0.1706%	0.1794%	0.1926%	0.1867%	0.1752%	0.1641%	0.1818%	0.1743%								
140																						
141																						
142	Non-Coincident Demand (MW)																					
143	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								
144	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								
145	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								
146																						
147	MW @ Primary Service	23,383	12,269	12,994	20,017	6,560	-1,284	51,361	19,274	13,904	30,868	14,179	25,782	229,308								
148	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								
149	Non-Coincident Demand @ Transmission Level	23,636	12,401	13,135	20,233	6,631	-1,298	51,916	19,482	14,055	31,201	14,333	26,060	231,785								
150																						
151	MW @ Transmission Service	89,169	75,330	96,225	98,874	78,618	70,625	111,400	101,498	89,769	119,746	97,773	96,650	1,125,676								
152	Non-Coincident Demand @ Meter Level	112,552	87,599	109,219	118,891	85,178	69,341	162,761	120,772	103,673	150,613	111,952	122,432	1,354,985								
153	Non-Coincident Demand @ Transmission Level	112,804	87,731	109,360	119,107	85,249	69,327	163,316	120,980	103,824	150,947	112,106	122,710	1,357,461								
154																						
155	Coincident Peak Demand (%)																					
156	% @ 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%								
157	% @ Primary Service	0.1169%	0.1305%	0.1329%	0.1207%	0.1713%	0.2041%	0.1612%	0.1414%	0.1217%	0.1280%	0.0968%	0.1251%	0.1309%								
158	% @ Transmission Service	0.1155%	0.1437%	0.1317%	0.1383%	0.1136%	0.1274%	0.1548%	0.1623%	0.1481%	0.1487%	0.1457%	0.1630%	0.1416%								
159																						
160	Coincident Peak Demand (MW)																					
161	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								
162	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								
163	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								
164																						
165	MW @ Primary Service	11,672	10,774	10,634	12,384	9,342	-14,722	51,108	13,295	11,304	16,367	9,350	14,412	155,918								
166	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								
167	Coincident Peak Demand @ Transmission Level	11,798	10,891	10,749	12,517	9,442	-14,881	51,660	13,438	11,426	16,544	9,451	14,567	157,602								
168																						
169	MW @ Transmission Service	63,692	66,862	72,832	73,399	57,213	52,741	96,124	85,530	71,209	101,634	86,810	86,656	914,703								
170	Coincident Peak Demand @ Meter Level	75,364	77,636	83,466	85,783	66,555	38,019	147,232	98,825	82,513	118,001	96,160	101,067	1,070,620								
171	Coincident Peak Demand @ Transmission Level	75,490	77,753	83,581	85,917	66,655	37,860	147,784	98,968	82,635	118,178	96,261	101,223	1,072,304								
172																						
173																						
174	Agriculture																					
175	Rate Schedule Billing Determinants																					
176		TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2	TO4-C2								

Section 3.2.3

San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015

Line No.	Schedule PA-T-1:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Line No.
177	Total Deliveries (MWh)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	177
178															178
179	Total Deliveries (%)														179
180	% @ Secondary Service	94.63%	78.27%	83.89%	86.55%	98.14%	90.28%	92.57%	40.24%	99.97%	67.33%	85.64%	82.87%	77.48%	180
181	% @ Primary Service	5.37%	21.73%	16.11%	13.45%	1.86%	9.72%	7.43%	59.76%	0.03%	32.67%	14.36%	17.13%	22.52%	181
182	% @ 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%	182
183															183
184	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%	184
185															185
186	MWh @ Secondary Service	11,835	12,958	12,891	16,840	15,747	14,323	17,730	17,830	17,334	17,502	10,429	15,269	180,689	186
187	MWh @ Primary Service	672	3,597	2,476	2,617	298	1,542	1,423	26,479	5	8,493	1,749	3,156	52,507	187
188	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	188
189															189
190	Non-Coincident Demand (%)														190
191	% @ Secondary Service	0.5244%	0.4387%	0.4382%	0.3850%	0.3815%	0.4172%	0.3710%	0.3812%	0.3713%	0.3843%	0.4603%	0.4396%	0.4099%	191
192	% @ Primary Service	-2.2172%	0.2718%	0.3699%	0.3627%	1.8096%	0.4834%	0.5208%	0.2058%	122.1367%	0.3326%	0.6172%	0.4805%	0.2835%	192
193	% @ 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%	193
194															194
195	Non-Coincident Demand (MW)														195
196	MW @ Secondary Service	62.062	56.846	56.489	64.834	60.074	59.757	65.780	67.967	64.361	67.261	48.006	67.122	740,561	196
197	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		197
198	Non-Coincident Demand @ Transmission Level	64.898	59.444	59.071	67.797	62.819	62.488	68.786	71.073	67.303	70.335	50.200	70.189	774,405	198
199															199
200	MW @ Primary Service	-14.891	9.778	9.157	9.492	5.401	7.455	7.412	54.493	6.353	28.246	10.793	15.166	148,855	200
201	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		201
202	Non-Coincident Demand @ Transmission Level	-15.051	9.884	9.256	9.594	5.459	7.535	7.492	55.082	6.422	28.551	10.910	15.329	150,463	202
203															203
204	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	204
205	Non-Coincident Demand @ Meter Level	47.171	66.624	65.647	74.326	65.475	67.212	73.192	122.460	70.715	95.507	58.800	82.287	889,416	205
206	Non-Coincident Demand @ Transmission Level	49.847	69.328	68.327	77.392	68.278	70.023	76.278	126.155	73.725	98.886	61.110	85.518	924,867	206
207	Schedule S: Standby Determinants:														207
208	Contracted Standby Demand (MW)														208
209	MW @ Secondary Service	9.542	9.542	8.944	8.944	8.969	9.103	9.041	8.8917	8.8127	8.813	9.665	9.776	110,043	209
210	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		210
211	Standby Demand @ Transmission Level	9.978	9.978	9.353	9.353	9.379	9.519	9.454	9.298	9.215	9.216	10.107	10.223	115,072	211
212															212
213	MW @ Primary Service	102.094	102.069	102.06	102.032	102.037	98.984	97.591	99.087	102.464	99.19	99.412	99.403	1,206,423	213
214	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		214
215	Standby Demand @ Transmission Level	103.197	103.171	103.162	103.134	103.139	100.053	98.645	100.157	103.571	100.261	100.486	100.477	1,219,452	215
216															216
217	MW @ Transmission Service	58.81	58.726	58.757	58.799	58.189	58.217	60.904	60.832	60.916	62.416	62.575	62.789	721,930	217
218	Standby Demand@Meter Level	170.446	170.337	169.761	169.775	169.195	166.304	167.536	168.8107	172.1927	170.419	171.652	171.968	2,038,396	218
219	Standby Demand@Transmission Level	171.985	171.875	171.272	171.286	170.707	167.789	169.003	170.287	173.702	171.893	173.167	173.488	2,056,455	219
220															220

Section 3.2.3 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 4 Annual Transmission Formulaic Rate Filing SUMMARY of CAISO WHOLESALe True-Up Revenues For the 12-Month True-Up Period January 2015 through December 2015 Billing Determinants @ Transmission Level True-Up Period (1/1/2015 - 12/31/2015)															
Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(G) Sub-Total	
		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)	Energy (kWh)	Demand (kW)
1	Residential Customers ¹	684,877,878		560,284,224		547,690,615	523,327,914	528,688,287		533,823,864		3,378,692,783		-	1
2															2
3	Small Commercial ²	166,262,910		151,927,741		159,597,555	164,770,441	154,831,777		157,718,684		955,109,108			3
4															4
5	Medium-Large Commercial ³	858,894,056	2,188,669	863,008,005	2,145,422	808,519,736	2,129,709	848,345,515	2,325,671	2,189,197	777,900,052	5,021,944,168	12,996,321		5
6															6
7	Agricultural Customers ⁴	18,070,910	49,847	23,644,702	69,328	22,200,665	68,327	24,560,729	77,392	68,278	24,653,080	141,744,927	403,195		7
8															8
9	Street Lighting ⁵	5,671,268		11,300,415		8,209,381	8,981,559	5,088,975		7,385,622		46,637,220			9
10															10
11	Sale for Resale ⁶	7,458		460		3,395	6,764	4,492		574		23,143			11
12															12
13	Standby Customers ⁷		171,985		171,875		171,272		171,286	170,707					13
14															14
15	TOTAL	1,733,784,480	2,410,501	1,610,165,547	2,386,625	1,546,221,347	2,369,308	1,590,978,323	2,574,348	2,428,183	1,501,481,877	9,544,151,349	14,424,429		15
<i>Notes:</i>															
1	See Section 3.2.3; Page 10-1; Line 5 x 1000.														
2	See Section 3.2.3; Page 10-1; Line 9 x 1000.														
3	See Section 3.2.3; Pages 10-1; 10-2; 10-3; 10-4; (Lines 13, 17, and 21) x 1000; (Lines 70, 103, and 153) x 1000.														
4	See Section 3.2.3; Page 10-1 & 10-5; (Lines 25 and 29) x 1000; Line 206 x 1000.														
5	See Section 3.2.3; Page 10-1; Line 33 x 1000.														
6	See Section 3.2.3; Page 10-1; Line 35 x 1000.														
7	See Section 3.2.3; Page 10-5; Line 219 x 1000.														

Section 3.2.3														
SAN DIEGO GAS AND ELECTRIC COMPANY														
T04-Cycle 4 Annual Transmission Formulaic Rate Filing														
SUMMARY of CAISO WHOLESALe True-Up Revenues														
For the 12-Month True-Up Period January 2015 through December 2015														
Billing Determinants @ Transmission Level														
True-Up Period (1/1/2015 - 12/31/2015)														
Line No.	Customer Classes	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		(O)
		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	626,752,410	684,832,789	813,403,353	754,057,401	754,057,401	612,418,234	608,497,344	4,099,961,531	-	7,478,654,314	-	-	1
2	Small Commercial ²	176,992,164	179,640,243	192,887,081	188,075,785	165,509,039	153,677,009	1,056,781,321	2,011,890,428	-	-	-	-	2
3	Medium-Large Commercial ³	974,534,535	927,580,863	971,105,840	2,376,538	2,502,831	1,046,737,978	2,740,542	956,362,500	2,439,946	5,780,246,214	14,771,654	10,802,190,382	3
4	Agricultural Customers ⁴	29,278,822	76,278	55,138,503	126,155	73,725	36,010,089	98,886	21,259,958	61,110	26,826,114	85,518	338,263,803	4
5	Street Lighting ⁵	9,547,079	5,029,159	5,029,159	8,536,456	5,399,998	10,421,681	47,100,724	93,737,944	-	-	-	-	5
6	Sale for Resale ⁶	1,533	535	536	525	565	3,676	7,370	30,513	-	-	-	-	6
7	Standby Customers ⁷	169,003	170,287	173,702	171,893	173,167	173,488	173,488	1,031,541	-	-	-	-	7
8	TOTAL	1,817,106,544	2,697,965	1,852,222,091	2,672,980	2,750,258	2,030,281,776	3,011,321	1,763,716,646	2,674,224	1,703,350,323	2,518,120	20,724,767,385	8
9	Notes:													9
10	See Section 3.2.3; Page 10.1; Line 5 x 1000.													10
11	See Section 3.2.3; Page 10.1; Line 9 x 1000.													11
12	See Section 3.2.3; Pages 10.1; 10.2; 10.3; 10.4; (Lines 13, 17, and 21) x 1000; (Lines 70, 103, and 153) x 1000.													12
13	See Section 3.2.3; Page 10.1 & 10.5; (Lines 25 and 29) x 1000; Line 206 x 1000.													13
14	See Section 3.2.3; Page 10.1; Line 33 x 1000.													14
15	See Section 3.2.3; Page 10.1; Line 35 x 1000.													15
16	See Section 3.2.3; Page 10.5; Line 219 x 1000.													16
17	Grand Total													17

Section 3.2.3				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
SUMMARY of CAISO WHOLESale True-Up Revenues				
For the 12-Month True-Up Period January 2015 through December 2015				
Total Billing Determinants @ Transmission Level				
True-Up Period (1/1/2015 - 12/31/2015)				
	(M)			
	12 Months to Date			
Line No.	Customer Classes	Billing Determinants @ Transmission Level Energy (kWh)	Demand (kW)	Line No.
1	Residential Customers	7,478,654,314	-	1
2				2
3	Small Commercial	2,011,890,428	-	3
4				4
5	Medium-Large Commercial	10,802,190,382	27,767,975	5
6				6
7	Agricultural	338,263,803	924,867	7
8				8
9	Street Lighting	93,737,944	-	9
10				10
11	Sale for Resale	30,513	-	11
12				12
13	Standby Customers	-	2,056,455	13
14				14
15	TOTAL	20,724,767,385	30,749,297	15

Section 3.2.3									
SAN DIEGO GAS AND ELECTRIC COMPANY									
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing									
Summary of TO4-CYCLE-2 Wholesale Transmission Rates									
Based on the FERC Approved Wholesale BTRR from the TO4-CYCLE-2 Annual Informational Filing									
Using TO4-CYCLE-2 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	\$ 0.0411203774				Section 3.2.1; Page 2; Line 11	1		
2							2		
3	Small Commercial	\$ 0.0441665745				Section 3.2.1; Page 3; Line 11	3		
4							4		
5	Med & Lrg Commercial/Industrial						5		
6	Non-Coincident Demand (100%) ¹		\$ 13.5901586602	\$ 13.5901586573	\$ 13.5901586564	Section 3.2.1; Page 4; Lines 33;34;35	6		
7							7		
8	Non-Coincident Demand (90%) ²		\$ 12.2311427942	\$ 12.2311427916	\$ 12.2311427908	Section 3.2.1; Page 5; Lines 7;8;9	8		
9							9		
10	Maximum On-Peak Demand ³						10		
11	Summer		\$ 2.2142174439	\$ 2.2142174439	\$ 2.2142174439	Section 3.2.1; Page 6; Lines 35;36;37	11		
12	Winter		\$ 0.6764721784	\$ 0.6764721784	\$ 0.6764721784	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		\$ 2.6379732081	\$ 2.6379732081	\$ -	Section 3.2.1; Page 8; Lines 35;36;37	15		
16	Winter		\$ 0.7338125699	\$ 0.7338125699	\$ -	Section 3.2.1; Page 9; Lines 32;33;34	16		
17							17		
18	Agricultural (Schedules PA and TOU-PA)	\$ 0.0219633930				Section 3.2.1; Page 10; Line 7	18		
19							19		
20	Agricultural (Schedule PA-T1) ¹						20		
21	Non-Coincident Demand (100%)		\$ 5.0165816337	\$ 5.0707607154	\$ 5.0707607154	Section 3.2.1; Page 11; Lines 34;35;36	21		
22							22		
23	Street Lighting	\$ 0.0319074172				Section 3.2.1; Page 12; Line 11	23		
24							24		
25	Standby Rate		\$ 6.0653094023	\$ 6.0645411433	\$ 6.0635657972	Section 3.2.1; Page 13; Lines 33;34;35	25		
	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, DG-R, and A6-TOU.								
	³ Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, 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												Line	
FERC Recorded Period: January 2015 - December 2015												No.	
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System Delivery Determinants													
Customer Class													
Deliveries (MWh)												Total	
Residential	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	
Small Commercial	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	721,103	585,654	581,904	7,151,816
M.& L. C./I. (AD)	158,997	145,288	152,623	157,570	148,065	150,826	169,257	171,789	184,457	179,856	158,276	146,961	1,923,965
M.& L. C./I. (AY, AL, DG-R)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
M.& L. C./I. (A6)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
Agriculture (PA and TOU-PA)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
Agriculture (PA-T-1)	4,831	6,130	5,933	7,997	7,519	7,787	8,937	8,593	9,530	8,554	8,219	7,313	91,342
Lighting	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196
Sale for Resale	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	5,164	7,809	9,966	89,641
Total System	7.5	0.5	3.4	6.8	4.5	0.6	1.5	0.5	0.5	0.5	0.6	3.7	30.5
Total Deliveries (MWh)	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,779,922	1,934,884	1,951,229	1,695,442	1,637,252	19,918,795
Med. & Large Comm./Ind. Rate Schedule													
Billing Determinants													
Schedule AD:													
Total Deliveries (MWh)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
Total Deliveries (%)													
% @ Secondary Service	97.82%	97.82%	97.62%	97.72%	97.72%	97.56%	97.83%	97.79%	97.53%	97.98%	98.08%	97.40%	97.74%
% @ Primary Service	2.18%	2.18%	2.38%	2.28%	2.28%	2.44%	2.17%	2.21%	2.47%	2.02%	1.92%	2.60%	2.26%
% @ 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%
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%
MWh @ Secondary Service	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128
MWh @ Primary Service	70	66	73	73	73	74	72	77	92	74	62	74	880
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Coincident Demand (%)													
% @ Secondary Service	0.4139%	0.4290%	0.4498%	0.4504%	0.4489%	0.4466%	0.4359%	0.4159%	0.4248%	0.4371%	0.4367%	0.4245%	0.4342%
% @ Primary Service	0.2144%	0.2475%	0.1971%	0.2102%	0.2205%	0.2071%	0.2223%	0.2378%	0.2254%	0.2244%	0.2116%	0.1907%	0.2175%
% @ 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	13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565
MW @ Primary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914
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
	13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.720	15.857	13.992	11.866	167.478

San Diego Gas & Electric Company														Line
FERC Recorded Period: January 2015 - December 2015														No.
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														85
Schedules														
AL-TOU / AY-TOU / DG-R:														
Total Deliveries (MWh)	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	
	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	
Total Deliveries (%)														
% @ Secondary Service	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%	
% @ Primary Service	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%	
% @ Transmission Service	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%	
	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%	
Total Deliveries (MWh)														
MWh @ Secondary Service	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474	
MWh @ Primary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312	
MWh @ Transmission Service	7,228	-1,706	23,355	17,068	15,732	6,210	7,931	12,283	10,517	-8,332	27,567	49,276	167,129	
	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	
Non-Coincident Demand (%)														
% @ Secondary Service	0.2726%	0.2756%	0.2882%	0.2834%	0.2835%	0.2814%	0.2706%	0.2732%	0.2741%	0.2787%	0.2827%	0.2782%	0.2783%	
% @ Primary Service	0.2109%	0.1924%	0.2153%	0.2399%	0.2104%	0.1644%	0.2149%	0.2092%	0.2161%	0.2183%	0.2164%	0.2043%	0.2098%	
% @ Transmission Service	0.2224%	0.3224%	0.1550%	0.2163%	0.1659%	0.1803%	0.2274%	0.2054%	0.2073%	0.0377%	0.1613%	0.1310%	0.1747%	
Non-Coincident Demand (MW)														
MW @ Secondary Service	1,666.538	1,583.673	1,605.300	1,745.694	1,624.834	1,641.830	1,814.393	1,790.128	1,886.511	2,027.948	1,720.747	1,643.008	20,750.603	
MW @ Primary Service	300.069	389.513	288.162	325.723	360.115	204.066	355.199	339.785	383.904	450.667	464.349	337.707	4,199.259	
MW @ Transmission Service	16.075	-5.500	36.200	36.918	26.100	11.197	18.035	25.230	21.802	-3.141	44.465	64.551	291.932	
	1,982.683	1,967.686	1,929.661	2,108.335	2,011.049	1,857.092	2,187.627	2,155.143	2,292.217	2,475.474	2,229.561	2,045.267	25,241.794	
On-Peak Demand (%)														
% @ Secondary Service	0.2191%	0.2204%	0.2332%	0.2359%	0.2445%	0.2638%	0.2553%	0.2554%	0.2595%	0.2650%	0.2402%	0.2211%	0.2436%	
% @ Primary Service	0.2151%	0.1891%	0.2098%	0.2164%	0.2158%	0.1924%	0.2281%	0.2252%	0.2412%	0.2261%	0.2145%	0.1968%	0.2146%	
% @ Transmission Service	0.2758%	2.4790%	0.3315%	0.4189%	0.2708%	0.4781%	0.4549%	0.2365%	0.2649%	-0.0769%	0.2104%	0.1647%	0.2617%	
On-Peak Demand (MW)														
MW @ Secondary Service	1,339.466	1,266.479	1,298.945	1,453.102	1,401.312	1,539.142	1,711.805	1,673.495	1,786.025	1,928.261	1,462.056	1,305.784	18,165.873	
MW @ Primary Service	306.045	382.832	280.801	293.816	369.357	238.822	377.016	365.772	428.495	466.770	460.272	325.309	4,295.307	
MW @ Transmission Service	19.935	-42.287	77.420	71.497	42.604	29.690	36.078	29.050	27.860	6.407	58.001	81.157	437.412	
	1,665.447	1,607.023	1,657.166	1,818.416	1,813.273	1,807.654	2,124.900	2,068.316	2,242.380	2,401.438	1,980.329	1,712.251	22,898.592	

San Diego Gas & Electric Company													Line
FERC Recorded Period: January 2015 - December 2015													No.
Schedule A6-TOU:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Total Deliveries (MWh)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
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	15.33%	15.07%	12.64%	16.20%	9.77%	-21.10%	33.80%	15.14%	16.19%	15.76%	13.95%	17.81%	15.57%
% @ Transmission Service	84.67%	84.93%	87.36%	83.80%	90.23%	121.10%	66.20%	84.86%	83.81%	84.24%	86.05%	82.19%	84.43%
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%
MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Primary Service	9,984	8,256	8,002	10,260	5,453	-7,213	31,705	9,402	9,288	12,787	9,659	11,520	119,103
MWh @ Transmission Service	55,145	46,529	55,302	53,072	50,364	41,398	62,096	52,699	48,082	68,348	59,581	53,163	645,778
	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881
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	0.2342%	0.1486%	0.1624%	0.1951%	0.1203%	0.0178%	0.1620%	0.2050%	0.1497%	0.2414%	0.1468%	0.2238%	0.1925%
% @ Transmission Service	0.1617%	0.1619%	0.1740%	0.1863%	0.1561%	0.1706%	0.1794%	0.1926%	0.1867%	0.1752%	0.1641%	0.1818%	0.1743%
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	23.383	12.269	12.994	20.017	6.560	-1.284	51.361	19.274	13.904	30.868	14.179	25.782	229,308
MW @ Transmission Service	89.169	75.330	96.225	98.874	78.618	70.625	111.400	101.498	89.769	119.746	97.773	96.650	1,125,676
	112.552	87.599	109.219	118.891	85.178	69.341	162.761	120.772	103.673	150.613	111.952	122.432	1,354,985
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	0.1169%	0.1305%	0.1329%	0.1207%	0.1713%	0.2041%	0.1612%	0.1414%	0.1217%	0.1280%	0.0968%	0.1251%	0.1309%
% @ Transmission Service	0.1155%	0.1437%	0.1317%	0.1383%	0.1136%	0.1274%	0.1548%	0.1623%	0.1481%	0.1487%	0.1457%	0.1630%	0.1416%
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	11.672	10.774	10.634	12.384	9.342	-14.722	51.108	13.295	11.304	16.367	9.350	14.412	155,918
MW @ Transmission Service	63.692	66.862	72.832	73.399	57.213	52.741	96.124	85.530	71.209	101.634	86.810	86.656	914,703
	75.364	77.636	83.466	85.783	66.555	38.019	147.232	98.825	82.513	118.001	96.160	101.067	1,070,620
Med. & Large Comm./Ind. Class Total:													
Total Deliveries (MWh)	829,206	833,177	780,573	835,368	819,022	751,011	940,849	895,518	937,539	1,010,557	923,305	872,680	10,428,804
Total Deliveries (MWh)													
MWh @ Secondary Service	614,498	577,583	560,000	619,120	576,243	586,414	673,760	658,637	691,908	731,235	611,857	593,348	7,494,602
MWh @ Primary Service	152,335	210,771	141,917	146,107	176,683	116,989	197,062	171,900	187,032	219,305	224,300	176,893	2,121,294
MWh @ Transmission Service	62,373	44,823	78,656	70,140	66,096	47,608	70,027	64,982	58,599	60,016	87,148	102,439	812,908
	829,206	833,177	780,573	835,368	819,022	751,011	940,849	895,518	937,539	1,010,557	923,305	872,680	10,428,804

San Diego Gas & Electric Company														
FERC Recorded Period: January 2015 - December 2015														
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Non-Coincident Demand (MW)														
MW @ Secondary Service	1,679.571	1,596.353	1,618.753	1,759.826	1,638.790	1,655.067	1,828.571	1,804.235	1,902.022	1,734.607	1,654.734	20,916.168		
MW @ Primary Service	323.603	401.944	301.300	345.894	366.835	202.936	406.720	359.241	398.017	478.660	363.629	4,430.481		
MW @ Transmission Service	105.244	69.831	132.424	135.792	104.718	81.821	129.435	126.728	111.571	142.238	161.202	1,417.609		
	2,108.418	2,068.128	2,052.478	2,241.511	2,110.343	1,939.824	2,364.726	2,290.204	2,411.610	2,355.505	2,179.565	26,764.257		
Schedule PA-T-1:														
Total Deliveries (MWh)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	18,425	233,196		
Total Deliveries (%)														
% @ Secondary Service	94.63%	78.27%	83.89%	86.55%	98.14%	90.28%	92.57%	40.24%	99.97%	67.33%	85.64%	82.87%		
% @ Primary Service	5.37%	21.73%	16.11%	13.45%	1.86%	9.72%	7.43%	59.76%	0.03%	32.67%	14.36%	17.13%		
% @ 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%		
Total Deliveries (MWh)	11,835	12,958	12,891	16,840	15,747	14,323	17,730	17,830	17,334	17,502	10,429	15,269		
MWh @ Secondary Service	672	3,597	2,476	2,617	298	1,542	1,423	26,479	5	8,493	1,749	3,156		
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0		
Non-Coincident Demand (%)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425		
% @ Secondary Service	0.5244%	0.4387%	0.4382%	0.3850%	0.3815%	0.4172%	0.3710%	0.3812%	0.3713%	0.3843%	0.4603%	0.4396%		
% @ Primary Service	-2.2172%	0.2718%	0.3699%	0.3627%	1.8096%	0.4834%	0.5208%	0.2058%	122.1367%	0.3326%	0.6172%	0.4805%		
% @ 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%		
Non-Coincident Demand (MW)														
MW @ Secondary Service	62.062	56.846	56.489	64.834	60.074	59.757	65.780	67.967	64.361	67.261	48.006	67.122		
MW @ Primary Service	-14.891	9.778	9.157	9.492	5.401	7.455	7.412	54.493	6.353	28.246	10.793	15.166		
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		
	47.171	66.624	65.647	74.326	65.475	67.212	73.192	122.460	70.715	95.507	58.800	82.287		
Schedule S														
Standby Determinants:														
Standby Demand (MW)														
MW @ Secondary Service	9.542	9.542	8.944	8.944	8.969	9.103	9.041	8.8917	8.8127	8.813	9.665	9.776		
MW @ Primary Service	102.094	102.069	102.06	102.032	102.037	98.984	97.591	99.087	102.464	99.19	99.412	99.403		
MW @ Transmission Service	58.81	58.726	58.757	58.799	58.189	58.217	60.904	60.832	60.916	62.416	62.575	62.789		
	170.446	170.337	169.761	169.775	169.195	166.304	167.536	168.811	172.193	170.419	171.652	171.968		

San Diego Gas & Electric Company

Section 3.3.1

Derivation of CAISO Wholesale Cost of Service (COS) for the 12-Month True-Up Period

Docket No. ER17-____-____

San Diego Gas & Electric Company
Statement BK-2
Derivation of CAISO Total Base Transmission Revenue Requirements
For the Base Period & True-Up Period Ending December 31, 2015
(\$1,000)

Line No.	Amounts	Reference	Line No.
1	\$ 664,695	Statement BK-1; Page 1; Line 60	1
2			2
3			3
4	-	Statement BK-1; Page 1; Line 6	4
5			5
6	-	Statement AL; Page 9; Line 30	6
7			7
8	(2,333)	Statement BK-1; Page 1; Line 26	8
9			9
10	-	Statement BK-1; Page 1; Line 28	10
11			11
12	\$ (2,333)	Sum Lines 4 thru 10	12
13			13
14	662,362	Sum Lines 1; 12	14
15			15
16	-	(Wholesale TU Adj; Total Col; Line 29) / 1,000	16
17			17
18	-	(Wholesale Int TU-1 + Wholesale Int TU-2; Ttl Col; Ln 20) / 1000	18
19			19
20	\$ 662,362	Sum Lines 14 thru 18	20
21			21
22	-	Statement BK-1; Page 4; Line 20	22
23			23
24	-	Statement BK-1; Page 5; Line 20	24
25			25
26	-	Statement BK-1; Page 5; Line 37	26
27			27
28	\$ 662,362	Sum Lines 20 thru 26	28

¹ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

**San Diego Gas & Electric Company
Statement BK-2**

**Derivation of CAISO HV Transmission Facility (BTRR_{CAISO-HV}) & LV Transmission Facility (BTRR_{CAISO-LV}) Revenue Requirements
For the Rate Effective Period January 1, 2017 - December 31, 2017
(\$1,000)**

Line No.	Total	Reference		Line No.	
A. Derivation of Revenues Related With Total Transmission Facilities:					
1	\$ 662,362	Statement BK-2; Page 1; Line 20		1	
2				2	
3	-	Statement BK-2; Page 1; Line 22		3	
4				4	
5	-	Statement BK-2; Page 1; Line 24		5	
6				6	
7	-	Statement BK-2; Page 1; Line 26		7	
8				8	
9	\$ 662,362	Sum Lines 1 thru 7		9	
10				10	
11		(a)	(b)	(c)	11
12	Total	High Voltage	Low Voltage	Reference	12
B. Derivation of Split Between HV and LV:¹					
1. Percent Split Between HV & LV for Recorded Non-Incentive & Incentive Gross Transmission Plant Facilities and Incentive CWIP:					
13					13
14	\$ 4,715,038	\$ 3,092,463	\$ 1,622,575	HV-LV Study, Line 3 below ⁶	14
15	100.00%	65.59%	34.41%	Ratios Based on Line 14	15
16	\$ 662,362	\$ 434,443	\$ 227,919	Line 15 x Line 16; Col A	16
17					17
2. Percent Split Between HV and LV of Forecast Plant Adds Applicable to Forecast Period:					
18				Summary of HV-LV Splits for	18
19	\$ -	\$ -	\$ -	Forecast Plant Adds; Page 1; Line 16	19
20	0.00%	0.00%	0.00%	Ratios Based on Line 19	20
21	\$ -	\$ -	\$ -	Line 20 x Line 21; Col A	21
22					22
C. Summary of CAISO Transmission Facilities by High Voltage and Low Voltage Classification:					
23					23
24					24
25	\$ 662,362	\$ 434,443	\$ 227,919	Line 16 From Above	25
26	6,829	4,479	2,350	Line 25 x 1.031%	26
27	\$ 669,191	\$ 438,922	\$ 230,269	Sum Lines 25 thru 26	27
28					28
29	\$ -	\$ -	\$ -	Line 21 From Above	29
30	-	-	-	Line 29 x 1.031%	30
31	\$ -	\$ -	\$ -	Sum Lines 29 thru 30	31
32					32
33	\$ 669,191	\$ 438,922	\$ 230,269	Line 27 + Line 31	33

¹ Pursuant to the CAISO's July 5, 2005 filing in compliance with the Commission's December 21, 2004 order, 109 FERC ¶ 61,301 (December 21, Order) and June 2, 2005 Order, 111 FERC ¶ 61,337 (June 2 Order), SDG&E in the instant filing has followed the CAISO's new guidelines to separate all elements of its transmission facilities into HV and LV components. TRBAA cost components shown in the instant filing are separated into the HV and LV components applicable to the CAISO's HV and LV guidelines in effect 1/1/2005 pursuant to CAISO Tariff Appendix F, Sch.3, Section 8.1.

² Use gross plant facilities as of December 31 for the applicable base period.

³ HV-LV plant ratios based upon footnote 2.

⁴ Base franchise fees are applicable to all SDG&E customers.

⁵ The following HV-LV Wholesale Base Transmission Revenue Requirements will be used by the CAISO to develop the TAC rates for the rate effective applicable period.

⁶ Transmission Plant HV/LV Study Classification Summary (\$1,000):

Ln	Total	HV	LV
1	\$ 4,715,038	\$ 3,092,463	\$ 1,622,575
2	-	-	-
3	\$ 4,715,038	\$ 3,092,463	\$ 1,622,575

See HV-LV Study WP

San Diego Gas & Electric Company

Section 3.3.2

Derivation of CAISO Wholesale
True-Up Period Cost of Service Rates
for the 12-Month True-Up Period
(January 2015 – December 2015)

Docket No. ER17-____-____

Section 3.3.2									
SAN DIEGO GAS AND ELECTRIC COMPANY									
TO4-Cycle 4 Annual Informational Filing									
Allocation of TO4-CYCLE-4 CAISO WHOLESale Cost of Service for the True-Up Period (\$000)									
Line No.	Description	5-Year Average Total 12-Month CPs @ Transmission Level ²	12-Month CP Allocation Percentages @ Transmission Level ³	(c)	(d)	Reference	Line No.		
1	CAISO Wholesale Cost of Service for the True-Up Period ¹			\$ 669,191		Section 3.3.1; Page 2 of 2; Line 33	1		
2							2		
3	Allocation of CAISO Wholesale Cost of Service Based on 5-Yr Avg. 12-Month CPs						3		
4	Residential	16,850,129	42.40%	\$ 283,762		Col.C4 = Col (c) Ln1 x Col B, Ln 4	4		
5	Small Commercial	4,241,155	10.67%	71,423		Col.C5 = Col (c) Ln1 x Col B, Ln 5	5		
6	Medium & Large Commercial/Industrial	17,494,874	44.03%	294,620		Col.C6 = Col (c) Ln1 x Col B, Ln 6	6		
7	Agricultural	384,587	0.97%	6,477		Col.C7 = Col (c) Ln1 x Col B, Ln 7	7		
8	Street Lighting Revenues	140,544	0.35%	2,367		Col.C8 = Col (c) Ln1 x Col B, Ln 8	8		
9	Standby Revenues	625,991	1.58%	10,542		Col.C9 = Col (c) Ln1 x Col B, Ln 9	9		
10							10		
11	Total	39,737,280	100.00%	\$ 669,191		Sum Lines 4 thru 9	11		
12							12		
NOTES:									
1	Statement refers to SDG&E's TO4, Cycle 4, Cost Statements as derived in its Instant Draft Informational Postings, posted on June 15, 2016.								
2	See Cost Statement BK-2; Page 2 of 2; Line 33.								
3	See Section 3.3.2; Page 16; Column (C); Lines 2 through 21.								
3	See Section 3.3.2; Page 16; Column (D); Lines 2 through 21.								

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulaic Rate Filing

Derivation of True-Up Transmission Rates

Small Commercial Customers¹

(\$000)

Line No.	Customer Classes	Calculation	Reference
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 71,423	Section 3.3.2; Page 1; Line 5
2			
3	Billing Determinants - Small Commercial Customer Class @ MWh:	1,923,965	Section 3.3.2; Page 18.1; Line 7
4			
5	Transmission Level Adjustment Factor	1.04750	Section 3.3.2; Page 16; Col. B; Line 3
6			
7	Billing Determinants @ Transmission Level	2,015,354	Line 3 x Line 5
8			
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0354394391	Line 1 / Line 7
10			
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0354394391	Line 9, Rounded to 10 Decimal Places
12			
13	Proof of Revenues	\$ 71,423	Line 7 x Line 11
14			
15	Difference	\$ 0.00	Line 1 - Line 13
1	Notes: Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs: A, A-TC, A-TOU, TOU-A.		

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers ¹				
(\$000)				
Line No.	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No.
1	<u>Med-Lrg C&I - Demand Revenue Requirement:</u>	\$ 294,620	Section 3.3.2; Page 1; Line 6	1
2	<u>Non-Coincident Demand Determinants @ Transmission Level Used to Allocate Total Customer Class Revenues to Voltage Level:</u>			2
3				3
4	Secondary ²	21,909.69	Section 3.3.2; Page 16; Line 28; Col. C.	4
5	Primary ²	4,479.22	Section 3.3.2; Page 16; Line 29; Col. C.	5
6	Transmission ²	1,426.82	Section 3.3.2; Page 16; Line 30; Col. C.	6
7	Total	27,815.72	Sum Lines 4; 5; 6	7
8	<u>Allocation Factors Per Above to Allocate Demand Revenue Requirements to Voltage Level:</u>			8
9				9
10	Secondary	78.76726503%	Line 4 / Line 7	10
11	Primary	16.10317916%	Line 5 / Line 7	11
12	Transmission	5.12955581%	Line 6 / Line 7	12
13	Total	100.00000000%	Sum Lines 10; 11; 12	13
14				14
15	<u>Allocation of Revenue Requirements to Voltage Level:</u>			15
16	Secondary	\$ 232,064	Line 1 x Line 10	16
17	Primary	\$ 47,443	Line 1 x Line 11	17
18	Transmission	\$ 15,113	Line 1 x Line 12	18
19	Total	\$ 294,620	Sum Lines 16; 17; 18	19
20				20
21	<u>Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:</u>			21
22	Secondary	21,909.69	Section 3.3.2; Page 16; Line 28; Col. C.	22
23	Primary	4,479.22	Section 3.3.2; Page 16; Line 29; Col. C.	23
24	Transmission	1,426.82	Section 3.3.2; Page 16; Line 30; Col. C.	24
25	Total	27,815.72	Sum Lines 22; 23; 24	25
26				26
27	<u>Non-Coincident Demand Rate By Voltage Level @ Transmission:</u>			27
28	Secondary	\$ 10.5918504785	Line 16 / Line 22	28
29	Primary	\$ 10.5918504754	Line 17 / Line 23	29
30	Transmission	\$ 10.5918504869	Line 18 / Line 24	30
31				31
32	<u>Non-Coincident Demand Rate By Voltage Level @ Transmission Level:</u>			32
33	Secondary	\$ 10.5918504785	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 10.5918504754	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 10.5918504869	Line 30 Rounded to 10 Decimal Places	35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ 232,064	Line 22 x Line 33	38
39	Primary	47,443	Line 23 x Line 34	39
40	Transmission	15,113	Line 24 x Line 35	40
41	Total	\$ 294,620	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0.00)	Line 1 - Line 41	43
	<u>Notes:</u>			
¹	Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs:			
	AD, AY-TOU, AL-TOU, A6-TOU, DG-R, OL-TOU.			
²	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 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers ¹				
(\$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	\$ 9,532,665,4307	90% x Section 3.3.2; Page 4; Line 33	2
3	Primary	\$ 9,532,665,4279	90% x Section 3.3.2; Page 4; Line 34	3
4	Transmission	\$ 9,532,665,4382	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	\$ 9,532,665,4307	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 9,532,665,4279	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 9,532,665,4382	Line 4, Rounded to 10 Decimal Places	9
10				10
11	<u>Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand ²</u>			
12	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			
13	Secondary	21,736	Section 3.3.2; Page 17; Line 10; Col. D.	13
14	Primary	4,245	Section 3.3.2; Page 17; Line 11; Col. D.	14
15	Transmission	294	Section 3.3.2; Page 17; Line 12; Col. D.	15
16	Total	26,276	Sum Lines 13; 14; 15	16
17				17
18	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			
19	Secondary	\$ 230,227	Section 3.3.2; Page 4; Line 33 x Line 13	19
20	Primary	\$ 44,967	Section 3.3.2; Page 4; Line 34 x Line 14	20
21	Transmission	\$ 3,112	Section 3.3.2; Page 4; Line 35 x Line 15	21
22	Total	\$ 278,307	Sum Lines 19; 20; 21	22
23				23
24	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			
25	Secondary	\$ 207,204	Line 7 x Line 13	25
26	Primary	\$ 40,470	Line 8 x Line 14	26
27	Transmission	\$ 2,801	Line 9 x Line 15	27
28	Total	\$ 250,476	Sum Lines 25; 26; 27	28
29				29
30	Revenue Reallocation to Maximum On-Peak Period Demands			
31	Secondary	\$ 23,023	Line 19 - Line 25	31
32	Primary	\$ 4,497	Line 20 - Line 26	32
33	Transmission	\$ 311	Line 21 - Line 27	33
34	Total	\$ 27,831	Sum Lines 31; 32; 33	34
35				35
36	<u>Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak ³</u>			
37	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			
38	Secondary	-	Section 3.3.2; Page 17; Col. D; Line 17	38
39	Primary	232	Section 3.3.2; Page 17; Col. D; Line 18	39
40	Transmission	1,133	Section 3.3.2; Page 17; Col. D; Line 19	40
41	Total	1,365	Sum Lines 38; 39; 40	41
42				42
43	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			
44	Secondary	\$ -	Line 38 x Section 3.3.2; Page 4; Line 33	44
45	Primary	\$ 2,456	Line 39 x Section 3.3.2; Page 4; Line 34	45
46	Transmission	\$ 12,000	Line 40 x Section 3.3.2; Page 4; Line 35	46
47	Total	\$ 14,456	Sum Lines 44; 45; 46	47
48				48
49	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			
50	Secondary	\$ -	Line 7 x Line 38	50
51	Primary	\$ 2,210	Line 8 x Line 39	51
52	Transmission	\$ 10,800	Line 9 x Line 40	52
53	Total	\$ 13,010	Sum Lines 50; 51; 52	53
54				54
55	Revenue Reallocation to Maximum Demand at the Time of System Peak			
56	Secondary	\$ -	Line 44 - Line 50	56
57	Primary	\$ 246	Line 45 - Line 51	57
58	Transmission	\$ 1,200	Line 46 - Line 52	58
59	Total	\$ 1,446	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, 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, 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 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
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	\$ 27,831	Section 3.3.2; 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	10,040	Section 3.3.2; Page 17; Col. B; Line 30	5
6	Primary	2,246	Section 3.3.2; Page 17; Col. B; Line 31	6
7	Transmission	172	Section 3.3.2; Page 17; Col. B; Line 32	7
8	Total	12,458	Sum Lines 5; 6; 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ <i>Transmission Level</i> (MW)			10
11	Secondary	10,517	Section 3.3.2; Page 17; Col. D; Line 30	11
12	Primary	2,271	Section 3.3.2; Page 17; Col. D; Line 31	12
13	Transmission	173	Section 3.3.2; Page 17; Col. D; Line 32	13
14	Total	12,961	Sum Lines 11; 12; 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	81.14%	Line 11 / Line 14	17
18	Primary	17.52%	Line 12 / Line 14	18
19	Transmission	1.33%	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	\$ 22,265	Line 2 x Line 21	22
23	Secondary	\$ 18,067	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 3,901	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 297	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 22,265	Sum Lines 23; 24; 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates ³	\$/kW		28
29	Secondary	\$ 1.7178506909	Line 23 / Line 11	29
30	Primary	\$ 1.7178506909	Line 24 / Line 12	30
31	Transmission	\$ 1.7178506909	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 1.7178506909	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1.7178506909	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1.7178506909	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, DG-R				
² Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
AY-TOU, AL-TOU, DG-R				
³ Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
AY-TOU, AL-TOU, DG-R				

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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 @ <i>Meter Level</i> (MW) ¹			1
2	Secondary	8,126	Section 3.3.2; Page 17; Col. B; Line 35.	2
3	Primary	2,049	Section 3.3.2; Page 17; Col. B; Line 36.	3
4	Transmission	266	Section 3.3.2; Page 17; Col. B; Line 37.	4
5	Total	10,441	Sum Lines 2; 3; 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ <i>Transmission Level</i> (MW)			7
8	Secondary	8,512	Section 3.3.2; Page 17; Col. D; Line 35.	8
9	Primary	2,072	Section 3.3.2; Page 17; Col. D; Line 36.	9
10	Transmission	267	Section 3.3.2; Page 17; Col. D; Line 37.	10
11	Total	10,851	Sum Lines 8; 9; 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	78.44%	Line 8 / Line 11	14
15	Primary	19.09%	Line 9 / Line 11	15
16	Transmission	2.46%	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	\$ 5,566	(Section 3.3.2; Page 6; Line 2) x Line 18	19
20	Secondary	\$ 4,366	(Section 3.3.2; Page 6; Line 2 x Line 18) x Line 14	20
21	Primary	\$ 1,063	(Section 3.3.2; Page 6; Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 137	(Section 3.3.2; Page 6; Line 2 x Line 18) x Line 16	22
23	Total	\$ 5,566	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates ²	\$/kW		25
26	Secondary	\$ 0.5129660975	Line 20 / Line 8	26
27	Primary	\$ 0.5129660975	Line 21 / Line 9	27
28	Transmission	\$ 0.5129660975	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.5129660975	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.5129660975	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.5129660975	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	<u>Proof of Revenue Calculations:</u>			37
38	Secondary	\$ 22,433	(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	\$ 4,964	(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	\$ 434	(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	\$ 27,831	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
<u>Notes:</u>				
¹ Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
² 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				

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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	\$ 1,446	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 17; Col. B; Line 42	5
6	Primary	87	Section 3.3.2; Page 17; Col. B; Line 43	6
7	Transmission	464	Section 3.3.2; Page 17; Col. B; Line 44	7
8	Total	551	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 17; Col. D; Line 42	11
12	Primary	88	Section 3.3.2; Page 17; Col. D; Line 43	12
13	Transmission	467	Section 3.3.2; Page 17; Col. D; Line 44	13
14	Total	555	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	15.79%	Line 12 / Line 14	18
19	Transmission	84.21%	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	\$ 1,156	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 183	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 974	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,156	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	\$ 2.0833100032	Line 24 / Line 12	30
31	Transmission	\$ 2.0833100032	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	\$ 2.0833100032	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 2.0833100032	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				

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Medium-Large Commercial Customers				
(\$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) ¹			1
2	Secondary	-	Section 3.3.2; Page 17; Col. B; Line 47	2
3	Primary	69	Section 3.3.2; Page 17; Col. B; Line 48	3
4	Transmission	450	Section 3.3.2; Page 17; Col. B; Line 49	4
5	Total	519	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 17; Col. D; Line 47	8
9	Primary	70	Section 3.3.2; Page 17; Col. D; Line 48	9
10	Transmission	453	Section 3.3.2; Page 17; Col. D; Line 49	10
11	Total	523	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	13.38%	Line 9 / Line 11	15
16	Transmission	86.62%	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	\$ 289	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	\$ 39	(Section 3.3.2; Page 8; Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 250	(Section 3.3.2; Page 8; Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 289	Sum Lines 20; 21; 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates ²	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0.5526377175	Line 21 / Line 9	27
28	Transmission	\$ 0.5526377175	Line 22 / 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	\$ 0.5526377175	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.5526377175	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	\$ 221	Section 3.3.2; Page 8 (Line 12 x Line 36) + Page 9; (Line 9 x Line 33)	39
40	Transmission	\$ 1,224	Section 3.3.2; Page 8 (Line 13 x Line 37) + Page 9; (Line 10 x Line 34)	40
41	Total	\$ 1,446	Sum Lines 38; 39; and 40	41
42				42
43	Difference	\$ 0.00	Section 3.3.2; Page 8; Line 2 Minus Page 9; Line 41	43
44				44
<u>Notes:</u>				
¹ Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				
² Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs:				
A6-TOU				

Section 3.3.2

**SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of True-Up Transmission Rates
Agricultural Customers ¹
(\$000)**

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Allocated Agricultural Transmission Revenue Requirement	\$ 6,477	Section 3.3.2; Page 1; Line 7	1
2				2
3	Billing Determinants (MWh)	338,587	Section 3.3.2; Page 18.1; Line 25 + Line 29	3
4				4
5	Energy Rate per kWh	\$ 0.0191295126	Line 1 / Line 3	5
6				6
7	Energy Rate per kWh - Rounded	\$ 0.0191295126	Line 5, Rounded to 10 Decimal Places	7
8				8
9				9
10	Schedules PA and TOU-PA Billing Determinants (MWh)	95,296	Section 3.3.2; Page 18.1; Line 25	10
11				11
12	Annual Revenues from Schedules PA and TOU-PA Energy Rates	\$ 1,823	Line 7 x Line 10	12
13				13
14	Revenue Allocated to Schedule PA-T-1 Non-Coincident Demand Charges	\$ 4,654	Line 1 - Line 12	14

Notes:

¹ The following California Public Utilities Commission (CPUC) tariffs are offered to Agricultural customers: Schedules PA, TOU-PA and PA-T-1.

Section 3.3.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of True-Up Transmission Rates
Agricultural Customers ¹
(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Agriculture - Demand Revenue Requirement	\$ 4,654	Section 3.3.2; Page 10; Line 14	1
2				2
3	Non-Coincident Demand Determinants @ Transmission Level ²			3
4	Secondary	776	Section 3.3.2; Page 16; Col. C; Line 36	4
5	Primary	150	Section 3.3.2; Page 16; Col. C; Line 37	5
6	Transmission	-	Section 3.3.2; Page 16; Col. C; Line 38	6
7	Total	926	Sum Lines 4; 5; 6	7
8				8
9	Allocation Factors Per Above to Allocate			9
10	Demand Revenue Requirements to Voltage Level			10
11	Secondary	83.75%	Line 4 / Line 7	11
12	Primary	16.25%	Line 5 / Line 7	12
13	Transmission	0.00%	Line 6 / Line 7	13
14	Total	100.00%	Sum Lines 11; 12; 13	14
15				15
16	Allocation of Revenue Requirements to Voltage Level			16
17	Secondary	\$ 3,898	Line 1 x Line 11	17
18	Primary	\$ 756	Line 1 x Line 12	18
19	Transmission	\$ -	Line 1 x Line 13	19
20	Total	\$ 4,654	Sum Lines 17; 18; 19	20
21				21
22	Schedule PA-T-1 Demand Determinants by Voltage Level @ Transmission Level (MW)			22
23	Secondary	776	Section 3.3.2; Page 17; Col. D; Line 55	23
24	Primary	150	Section 3.3.2; Page 17; Col. D; Line 56	24
25	Transmission	-	Section 3.3.2; Page 17; Col. D; Line 57	25
26	Total	926	Sum Lines 23; 24; 25	26
27				27
28	Non-Coincident Demand Rate by Voltage Level @ Transmission			28
29	Secondary	\$ 5.0247095105	Line 17 / Line 23	29
30	Primary	\$ 5.0247095105	Line 18 / Line 24	30
31	Transmission	\$ 5.0023443346	Line 30 x (Page 17; Col. D; Line 57 / Line 56)	31
32				32
33	Non-Coincident Demand Rate by Voltage Level @ Transmission (Rounded)			33
34	Secondary	\$ 5.0247095105	Line 29, Rounded to 10 Decimal Places	34
35	Primary	\$ 5.0247095105	Line 30, Rounded to 10 Decimal Places	35
36	Transmission	\$ 5.0023443346	Line 31, Rounded to 10 Decimal Places	36
37				37
38	Proof of Revenues			38
39	Secondary	\$ 3,898	Line 23 x Line 34	39
40	Primary	\$ 756	Line 24 x Line 35	40
41	Transmission	\$ -	Line 25 x Line 36	41
42	Total	\$ 4,654	Sum Lines 39; 40; 41	42
43				43
44	Difference	\$ (0)	Line 1 Less Line 42	44

Notes:

¹ The following California Public Utilities Commission (CPUC) tariffs are offered to Agricultural customers: Schedules PA, TOU-PA and PA-T-1.

² Non-Coincident Demand (100%) rates applicable to the following CPUC tariff: Schedule PA-T-1.

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
Derivation of True-Up Transmission Rates				
Standby Revenues Calculation				
(\$000)				
Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement:	\$ 10,542	Section 3.3.2; Page 1; Line 9	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	115.27	Section 3.3.2; Page 16; Col. C; Line 44	4
5	Primary ¹	1,219.69	Section 3.3.2; Page 16; Col. C; Line 45	5
6	Transmission ¹	726.62	Section 3.3.2; Page 16; Col. C; Line 46	6
7	Total	2,061.59	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	5.5913469%	Line 4 / Line 7	10
11	Primary	59.1628612%	Line 5 / Line 7	11
12	Transmission	35.2457920%	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	\$ 589	Line 1 x Line 10	16
17	Primary	6,237	Line 1 x Line 11	17
18	Transmission	3,716	Line 1 x Line 12	18
19	Total	\$ 10,542	Sum Lines 16; 17; 18	19
20				20
21	Demand Determinants By Voltage Level @ Transmission:			21
22	Secondary	115.27	Line 4	22
23	Primary	1,219.69	Line 5	23
24	Transmission	726.62	Line 6	24
25	Total	2,061.59	Sum Lines 22; 23; 24	25
26				26
27	Demand Rate By Voltage Level @ Transmission:			27
28	Secondary	\$ 5.1097218866	Line 16 / Line 22	28
29	Primary	\$ 5.1135791226	Line 17 / Line 23	29
30	Transmission	\$ 5.1140719835	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Transmission (Rounded):			32
33	Secondary	\$ 5.1097218866	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 5.1135791226	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 5.1140719835	Line 30 Rounded to 10 Decimal Places	35
36				36
37	Proof of Revenue Calculations:			37
38	Secondary	\$ 589	Line 22 x Line 33	38
39	Primary	6,237	Line 23 x Line 34	39
40	Transmission	3,716	Line 24 x Line 35	40
41	Total	\$ 10,542	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43
	Notes:			
	¹ LF = Transmission Loss Factor; Secondary Level = 1.0475; Primary Level = 1.0110; Transmission Level = 1.0065			

Section 3.3.2
SAN DIEGO GAS AND ELECTRIC COMPANY
TO4-Cycle 4 Annual Transmission Formulatic Rate Filing
Summary of Wholesale Transmission Rates
 (\$000)

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	\$ 0.0378777221				Section 3.3.2; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0354394391				Section 3.3.2; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 10.5918504869	\$ 10.5918504754	\$ 10.5918504785	Section 3.3.2; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 9.5326654382	\$ 9.5326654279	\$ 9.5326654307	Section 3.3.2; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.7178506909	\$ 1.7178506909	\$ 1.7178506909	Section 3.3.2; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	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		\$ 2.0833100032	\$ 2.0833100032	\$ -	Section 3.3.2; Page 8; Lines 35;36;37	15
16	Winter		\$ 0.5526377175	\$ 0.5526377175	\$ -	Section 3.3.2; Page 9; Lines 32;33;34	16
17							17
18	Agricultural (Schedules PA and TOU-PA)	\$ 0.0191295126				Section 3.3.2; Page 10; Line 7	18
19							19
20	Agricultural (Schedule PA-T-1) ¹						20
21	Non-Coincident Demand (100%)		\$ 5.0023443346	\$ 5.0247095105	\$ 5.0247095105	Section 3.3.2; Page 11; Lines 34;35;36	21
22							22
23	Street Lighting	\$ 0.0252078561				Section 3.3.2; Page 12; Line 11	23
24							24
25	Standby Rate		\$ 5.1140719835	\$ 5.1135791226	\$ 5.1097218866	Section 3.3.2; Page 13; Lines 33;34;35	25

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, DG-R, and A6-TOU.

3 Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, 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 4 Annual Transmission Formulaic Rate Filing

Allocation of TO4-CYCLE-4 CAISO WHOLESale Cost of Service for the True-Up Period

(\$000)

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 283,762	\$ 283,762	0	Sect. 3.3.2; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	71,423	71,423	0	Sect. 3.3.2; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	294,620	294,620	(0)	Sect. 3.3.2; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Agricultural	6,477	6,477	(0)	Sect. 3.3.2; Pg. 1; Ln. 7; & Pg. 10, 11; Ln. 12, 42	7
8						8
9	Street Lighting	2,367	2,367	(0)	Sect. 3.3.2; Pg. 1; Ln. 8; & Pg. 12; Ln. 13	9
10						10
11	Standby Revenues	10,542	10,542	-	Sect. 3.3.2; Pg. 1; Ln. 9; & Pg. 13; Ln. 41	11
12						12
13	Grand Total	\$ 669,191	\$ 669,191	0	Sum Lines 1 thru 11	13

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulaic Rate Filing

Development of TO4-CYCLE-4 12-CP Allocation Factors and Voltage Level Allocation Factors

	(A)	(B)	(C) = (A) x (B)	(D)			
	5 Year Average		5 Year Average	5-Year Average			
	Ending 12/31/2013		Ending 12/31/2013	of 12-Monthly CPs			
	Of 12 CPs		Of 12 CPs	Allocation Percentages			
Line	Kilowatt @	Transmission	Kilowatt @	@ Transmission		Line	
No.	Customer Class	Meter Level ^{1,2}	Loss Factors	Transmission Level	Level	Reference	No.
1	5-Year Average - 12CP Allocation Factors:					From Statement BB;	1
2	Residential Customers	16,086,042	1.0475	16,850,129	42.40%	Stmt BB; Page 1; Line 1	2
3	Small Commercial Customers	4,048,835	1.0475	4,241,155	10.67%	Stmt BB; Page 1; Line 2	3
4	Medium-Large Commercial Customers						4
5	Secondary	12,147,759	1.0475	12,724,778	32.02%	Stmt BB; Page 1; Line 4	5
6	Primary	3,391,249	1.0110	3,428,553	8.63%	Stmt BB; Page 1; Line 5	6
7	Transmission	1,332,879	1.0065	1,341,543	3.38%	Stmt BB; Page 1; Line 6	7
8	Total Medium-Large Commercial	16,871,888	1.0369	17,494,874	44.03%	Sum Lines 5; 6; 7	8
9							9
10	Agriculture						10
11	Secondary	326,109	1.0475	341,599	0.86%	Stmt BB; Page 1; Line 10	11
12	Primary	42,520	1.0110	42,988	0.11%	Stmt BB; Page 1; Line 11	12
13	Transmission	-	1.0065	-	0.00%	Stmt BB; Page 1; Line 12	13
14	Total Agricultural	368,629	1.0433	384,587	0.97%	Sum Lines 11; 12; 13	14
15							15
16	Street Lighting	134,171	1.0475	140,544	0.35%	Stmt BB; Page 1; Line 15	16
17	Standby Customers						17
18	Secondary	35,194	1.0475	36,865	0.09%	Stmt BB; Page 1; Line 17	18
19	Primary	357,700	1.0110	361,634	0.91%	Stmt BB; Page 1; Line 18	19
20	Transmission	226,022	1.0065	227,492	0.57%	Stmt BB; Page 1; Line 19	20
21	Total Standby Customers	618,916	1.0114	625,991	1.58%	Sum Lines 18; 19; 20	21
22							22
23	System Total	38,128,481	1.0422	39,737,280	100.00%	Sum Lines 2; 3; 8; 14; 16; 21	23
24							24
25				Transmission		From Statement BD;	25
26	Medium-Large Commercial Customers:	Meter Level		Level	Ratios		26
27	Billing Determinants - (Non-Coincident Demand)						27
28	Secondary	20,916	1.0475	21,910	78.77%	Section 3.3.2; Page 19.4; Line 132	28
29	Primary	4,430	1.0110	4,479	16.10%	Section 3.3.2; Page 19.4; Line 133	29
30	Transmission	1,418	1.0065	1,427	5.13%	Section 3.3.2; Page 19.4; Line 134	30
31	Total	26,764	1.0393	27,816	100.00%	Sum Lines 28; 29; 30	31
32							32
33				Transmission			33
34	Agricultural Customers:	Meter Level		Level	Ratios		34
35	Billing Determinants - (Non-Coincident Demand)						35
36	Secondary	741	1.0475	776	83.75%	Section 3.3.2; Page 19.4; Line 157	36
37	Primary	149	1.0110	150	16.25%	Section 3.3.2; Page 19.4; Line 158	37
38	Transmission	-	1.0065	-	0.00%	Section 3.3.2; Page 19.4; Line 159	38
39	Total	889	1.0414	926	100.00%	Sum Lines 36; 37; 38	39
40							40
41				Transmission			41
42	Standby Customers:	Meter Level		Level	Ratios		42
43	Billing Determinants - (Contracted Standby Demand)						43
44	Secondary	110	1.0475	115	5.59%	Section 3.3.2; Page 19.4; Line 167	44
45	Primary	1,206	1.0110	1,220	59.16%	Section 3.3.2; Page 19.4; Line 168	45
46	Transmission	722	1.0065	727	35.25%	Section 3.3.2; Page 19.4; Line 169	46
47	Total	2,038	1.0114	2,062	100.00%	Sum Lines 44; 45; 46	47
	NOTES:						
¹	Information comes from SDG&E's TO4-Cycle 4 Instant Draft Informational Posting on June 15, 2016.						
	See Cost Statements BB, Allocation Demand and Capability Data, and Cost Statement BD, Allocation Energy and Supporting Data.						
²	SDG&E Load Research Data: 2009 - 2013.						

Section 3.3.2						
SAN DIEGO GAS AND ELECTRIC COMPANY						
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing						
Derivation of True-Up Transmission Rates						
0						
	(A)	(B)	(C)	(D) = (B) x (C)	(E)	
		Forecast Demand		Forecast Demand		
Line		Determinants		Determinants		
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	166	1.0475	173	98.90%	Section 3.3.2; Page 19.1; Line 42
4	Primary	2	1.0110	2	1.10%	Section 3.3.2; Page 19.1; Line 43
5	Transmission	-	1.0065	-	0.00%	Section 3.3.2; Page 19.1; Line 44
6	Total	167		175	100.00%	Sum Lines 3; 4; 5
7						
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate with Maximum On-Peak Period Demand					
9						
10	Secondary	20,751	1.0475	21,736	82.72%	Section 3.3.2; Page 19.2; Line 69
11	Primary	4,199	1.0110	4,245	16.16%	Section 3.3.2; Page 19.2; Line 70
12	Transmission	292	1.0065	294	1.12%	Section 3.3.2; Page 19.2; Line 71
13	Total	25,242		26,276	100.00%	Sum Lines 10; 11; 12
14						
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate with Maximum Demand at the Time of System Peak					
16						
17	Secondary	-	1.0475	-	0.00%	Section 3.3.2; Page 19.3; Line 105
18	Primary	229	1.0110	232	16.99%	Section 3.3.2; Page 19.3; Line 106
19	Transmission	1,126	1.0065	1,133	83.01%	Section 3.3.2; Page 19.3; Line 107
20	Total	1,355		1,365	100.00%	Sum Lines 17; 18; 19
21						
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers					
23	Secondary	20,916	1.0475	21,910	78.77%	Sum Lines 3; 10; 17
24	Primary	4,430	1.0110	4,479	16.10%	Sum Lines 4; 11; 18
25	Transmission	1,418	1.0065	1,427	5.13%	Sum Lines 5; 12; 19
26	Total	26,764		27,816	100.00%	Sum Lines 23; 24; 25
27						
28	Maximum On-Peak Period Demand Determinants					
29	Summer (May, June, July, August, September, October)					
30	Secondary	10,040	1.0475	10,517	81.14%	Section 3.3.2; Page 19.2; Line 79
31	Primary	2,246	1.0110	2,271	17.52%	Section 3.3.2; Page 19.2; Line 80
32	Transmission	172	1.0065	173	1.33%	Section 3.3.2; Page 19.2; Line 81
33	Total	12,458		12,961	99.99%	Sum Lines 30; 31; 32
34	Winter (November, December, January, February, March, April)					
35	Secondary	8,126	1.0475	8,512	78.44%	Section 3.3.2; Page 19.2; Line 79
36	Primary	2,049	1.0110	2,072	19.09%	Section 3.3.2; Page 19.2; Line 80
37	Transmission	266	1.0065	267	2.46%	Section 3.3.2; Page 19.2; Line 81
38	Total	10,441		10,851	99.99%	Sum Lines 35; 36; 37
39						
40	Maximum Demand at the Time of System Peak Determinants					
41	Summer (May, June, July, August, September, October)					
42	Secondary	-	1.0475	-	0.00%	Section 3.3.2; Page 19.3; Line 115
43	Primary	87	1.0110	88	15.79%	Section 3.3.2; Page 19.3; Line 116
44	Transmission	464	1.0065	467	84.21%	Section 3.3.2; Page 19.3; Line 117
45	Total	551		555	100.00%	Sum Lines 42; 43; 44
46	Winter (November, December, January, February, March, April)					
47	Secondary	-	1.0475	-	0.00%	Section 3.3.2; Page 19.3; Line 115
48	Primary	69	1.0110	70	13.38%	Section 3.3.2; Page 19.3; Line 116
49	Transmission	450	1.0065	453	86.62%	Section 3.3.2; Page 19.3; Line 117
50	Total	519		523	100.00%	Sum Lines 47; 48; 49
51						
52	Forecast Demand Determinants for Agricultural Customers:					
53	Non-Coincident Demand Determinants Pertaining to					
54	Customers on Schedule PA-T-1 @ 100% Non-Coincident Demand Rate					
55	Secondary	741	1.0475	776	83.75%	Section 3.3.2; Page 19.4; Line 157
56	Primary	149	1.0110	150	16.25%	Section 3.3.2; Page 19.4; Line 158
57	Transmission	-	1.0065	-	0.00%	Section 3.3.2; Page 19.4; Line 159
58	Total	889		926	100.00%	Sum Lines 55; 56; 57
59						
60	Forecast Demand Determinants for Standby Customers:					
61	Contracted Demand Determinants					
62	Secondary	110	1.0475	115	5.59%	Section 3.3.2; Page 19.4; Line 167
63	Primary	1,206	1.0110	1,220	59.16%	Section 3.3.2; Page 19.4; Line 168
64	Transmission	722	1.0065	727	35.25%	Section 3.3.2; Page 19.4; Line 169
65	Total	2,038		2,062	100.00%	Sum Lines 62; 63; 64

Section 3.3.2 San Diego Gas & Electric FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015														
Line No.	Line No.	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
63	MW @ Primary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914
64	Transmission Level Adjustment Factor	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110
65	Non-Coincident Demand @ Transmission Level	0.152	0.165	0.145	0.156	0.162	0.155	0.162	0.184	0.211	0.168	0.133	0.142	1.935
66	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
67	Transmission Level Adjustment Factor	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065
68	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
69	Non-Coincident Demand @ Meter Level	13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.720	15.857	13.992	11.866	167.478
70	Transmission Level Adjustment Factor	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110
71	Non-Coincident Demand @ Transmission Level	13.804	13.447	14.238	14.959	14.781	14.021	15.013	14.962	16.459	16.604	14.651	12.425	175.364
72	MW @ Primary Service	760.858	775.371	714.206	768.825	760.023	713.788	843.724	829.949	876.425	925.758	850.829	805.161	9,624.915
73	Transmission Level Adjustment Factor	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110
74	Non-Coincident Demand @ Transmission Level	0.152	0.165	0.145	0.156	0.162	0.155	0.162	0.184	0.211	0.168	0.133	0.142	1.935
75	MW @ Secondary Service	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	75.35%	77.47%
76	% @ Primary Service	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%
77	% @ Transmission Service	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%
78	Total Deliveries (MWh)	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474
79	MW @ Primary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312
80	Transmission Level Adjustment Factor	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475
81	Non-Coincident Demand @ Transmission Level	1,745,699	1,658,897	1,681,551	1,828,614	1,702,014	1,719,817	1,900,577	1,875,159	1,976,120	2,124,276	1,802,482	1,721,051	21,736,257
82	MW @ Secondary Service	300,069	389,513	288,162	325,723	360,115	204,066	355,199	339,785	383,904	450,667	464,349	337,707	4,199,259
83	% @ Primary Service	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110
84	Non-Coincident Demand @ Transmission Level	303,370	393,797	291,332	329,306	364,076	206,311	359,106	343,522	388,127	455,625	469,457	341,422	4,245,450
85	MW @ Transmission Service	16,075	-5,500	36,200	36,918	26,100	11,197	18,035	25,230	21,802	-3,141	44,465	64,551	291,932
86	Transmission Level Adjustment Factor	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065
87	Non-Coincident Demand @ Transmission Level	16,180	-5,535	36,435	37,158	26,270	11,269	18,152	25,394	21,944	-3,162	44,754	64,971	293,830
88	Non-Coincident Demand @ Meter Level	1,982,683	1,967,686	1,929,661	2,108,335	2,011,049	1,857,092	2,187,627	2,155,143	2,292,217	2,478,474	2,229,561	2,045,267	25,243,692
89	Transmission Level Adjustment Factor	2.065,249	2,047,159	2,009,318	2,195,078	2,092,360	1,937,397	2,277,835	2,244,075	2,386,191	2,576,739	2,316,693	2,127,444	26,275,537
90	Non-Coincident Demand @ Transmission Level	0.2191%	0.2204%	0.2332%	0.2359%	0.2445%	0.2638%	0.2553%	0.2554%	0.2595%	0.2650%	0.2402%	0.2211%	0.2436%
91	% @ Primary Service	0.2151%	0.1891%	0.2098%	0.2164%	0.2158%	0.1924%	0.2281%	0.2252%	0.2412%	0.2261%	0.2145%	0.1968%	0.2146%
92	% @ Transmission Service	0.2758%	2.4790%	0.3315%	0.4189%	0.2708%	0.4781%	0.4549%	0.2365%	0.2649%	-0.0769%	0.2104%	0.1647%	0.2634%
93	Non-Coincident Demand (MW)	1,339,466	1,266,479	1,298,945	1,453,102	1,401,312	1,539,142	1,711,805	1,673,495	1,786,025	1,928,261	1,462,056	1,305,784	18,165,873
94	MW @ Secondary Service	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475	1,0475
95	Transmission Level Adjustment Factor	1.403,091	1,326,636	1,360,645	1,522,125	1,467,874	1,612,252	1,793,116	1,752,986	1,870,861	2,019,853	1,531,504	1,367,809	19,028,752
96	Non-Coincident Demand @ Transmission Level	306,045	382,832	280,801	293,816	369,357	238,822	377,016	365,772	428,495	466,770	460,272	325,309	4,295,307
97	MW @ Primary Service	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110	1,0110
98	Transmission Level Adjustment Factor	309,412	387,043	283,890	297,048	373,420	241,449	381,163	369,796	433,208	471,904	465,335	328,888	4,342,556
99	Non-Coincident Demand @ Transmission Level													
100	MW @ Primary Service													
101	Transmission Level Adjustment Factor													
102	Non-Coincident Demand @ Transmission Level													
103	MW @ Transmission Service													
104	Transmission Level Adjustment Factor													
105	Non-Coincident Demand @ Transmission Level													
106	Non-Coincident Demand @ Meter Level													
107	Transmission Level Adjustment Factor													
108	Non-Coincident Demand @ Transmission Level													
109	On-Peak Demand (%)													
110	% @ Secondary Service													
111	% @ Primary Service													
112	% @ Transmission Service													
113	On-Peak Demand (MW)													
114	MW @ Secondary Service													
115	Transmission Level Adjustment Factor													
116	Non-Coincident Demand @ Transmission Level													
117	Non-Coincident Demand @ Meter Level													
118	Transmission Level Adjustment Factor													
119	Non-Coincident Demand @ Transmission Level													
120	MW @ Primary Service													
121	Transmission Level Adjustment Factor													
122	Non-Coincident Demand @ Transmission Level													

Line		San Diego Gas & Electric Company												Line		
No.		FERC Recorded Period: January 2015 - December 2015												No.		
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total		
1	System Delivery															
2	Determinants															
3																
4	Customer Class															
5	Deliveries (MWh)															
6	Residential	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	721,103	585,654	581,904	7,151,816	6	
7	Small Commercial	158,997	145,288	152,623	157,570	148,065	150,826	169,257	171,789	184,457	179,856	158,276	146,961	1,923,965	7	
8	M.&L.C.I.(AD)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008	8	
9	M.&L.C.I.(AY,AL,DG-R)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	9	
10	M.&L.C.I.(A6)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881	10	
11	Agriculture (PA and TOU-PA)	4,831	6,130	5,933	7,997	7,519	7,787	8,937	8,593	9,530	8,554	8,219	7,313	91,342	11	
12	Agriculture (PA-T-1)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	12	
13	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	5,164	7,809	9,966	89,641	13	
14	Sale for Resale	7.5	0.5	3.4	6.8	4.5	0.6	1.5	0.5	0.5	0.5	0.6	3.7	30.5	14	
15	Total System	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,779,922	1,934,884	1,951,229	1,695,442	1,637,252	19,918,795	15	
16															16	
17															17	
18															18	
19	Med. & Large Comm./Ind.														19	
20	Rate Schedule														20	
21	Billing Determinants														21	
22															22	
23	Schedule AD:														23	
24	Total Deliveries (MWh)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008	24	
25															25	
26	Total Deliveries (%)														26	
27	% @ Secondary Service	97.82%	97.82%	97.62%	97.72%	97.72%	97.56%	97.83%	97.79%	97.53%	97.98%	98.08%	97.40%	97.74%	27	
28	% @ Primary Service	2.18%	2.18%	2.38%	2.28%	2.28%	2.44%	2.17%	2.21%	2.47%	2.02%	1.92%	2.60%	2.26%	28	
29	% @ 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%	29	
30		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%	30	
31	Total Deliveries (MWh)														31	
32	MWh @ Secondary Service	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128	32	
33	MWh @ Primary Service	70	66	73	73	73	74	72	77	92	74	62	74	880	33	
34	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	34	
35		3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008	35	
36	Non-Coincident Demand (%)														36	
37	% @ Secondary Service	0.4139%	0.4290%	0.4498%	0.4504%	0.4489%	0.4466%	0.4359%	0.4159%	0.4248%	0.4371%	0.4367%	0.4245%	0.4342%	37	
38	% @ Primary Service	0.2144%	0.2475%	0.1971%	0.2102%	0.2205%	0.2071%	0.2223%	0.2378%	0.2254%	0.2244%	0.2116%	0.1907%	0.0000%	38	
39	% @ 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%	39	
40															40	
41	Non-Coincident Demand (MW)														41	
42	MW @ Secondary Service	13.032	12.680	13.453	14.132	13.956	13.237	14.178	14.107	15.511	15.691	13.860	11.726	165.565	42	
43	MW @ Primary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914	43	
44	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	44	
45		13.183	12.843	13.597	14.286	14.116	13.391	14.338	14.290	15.720	15.857	13.992	11.866	167.478	45	
46															46	

Line		San Diego Gas & Electric Company												Line	
No.		FERC Recorded Period: January 2015 - December 2015												No.	
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	
47															
48															
49	Schedules														
50	AL-TOU / AY-TOU / DG-R:														
51	Total Deliveries (MWh)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	
52															
53	Total Deliveries (%)														
54	% @ Secondary Service	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%	
55	% @ Primary Service	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%	
56	% @ Transmission Service	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%	
57		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%	
58	Total Deliveries (MWh)														
59	MWh @ Secondary Service	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474	
60	MWh @ Primary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312	
61	MWh @ Transmission Service	7,228	-1,706	23,355	17,068	15,732	6,210	7,931	12,283	10,517	-8,332	27,567	49,276	167,129	
62		760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	
63	Non-Coincident Demand (%)														
64	% @ Secondary Service	0.2726%	0.2756%	0.2882%	0.2834%	0.2835%	0.2814%	0.2706%	0.2732%	0.2741%	0.2787%	0.2827%	0.2782%	0.2783%	
65	% @ Primary Service	0.2109%	0.1924%	0.2153%	0.2399%	0.2104%	0.1644%	0.2149%	0.2092%	0.2161%	0.2183%	0.2164%	0.2043%	0.2098%	
66	% @ Transmission Service	0.2224%	0.3224%	0.1550%	0.2163%	0.1659%	0.1803%	0.2274%	0.2054%	0.2073%	0.0377%	0.1613%	0.1310%	0.1747%	
67															
68	Non-Coincident Demand (MW)														
69	MW @ Secondary Service	1,666,538	1,583,673	1,605,300	1,745,694	1,624,834	1,641,830	1,814,393	1,790,128	1,886,511	2,027,948	1,720,747	1,643,008	20,750,603	
70	MW @ Primary Service	300,069	389,513	288,162	325,723	360,115	204,066	355,199	339,785	383,904	450,667	464,349	337,707	4,199,259	
71	MW @ Transmission Service	16,075	-5,500	36,200	36,918	26,100	11,197	18,035	25,230	21,802	-3,141	44,465	64,551	291,932	
72		1,982,683	1,967,686	1,929,661	2,108,335	2,011,049	1,857,092	2,187,627	2,155,143	2,292,217	2,475,474	2,229,561	2,045,267	25,241,794	
73	On-Peak Demand (%)														
74	% @ Secondary Service	0.2191%	0.2204%	0.2332%	0.2359%	0.2445%	0.2638%	0.2553%	0.2554%	0.2595%	0.2650%	0.2402%	0.2211%	0.2436%	
75	% @ Primary Service	0.2151%	0.1891%	0.2098%	0.2164%	0.2158%	0.1924%	0.2281%	0.2252%	0.2412%	0.2261%	0.2145%	0.1968%	0.2146%	
76	% @ Transmission Service	0.2758%	2.4790%	0.3315%	0.4189%	0.2708%	0.4781%	0.4549%	0.2365%	0.2649%	-0.0769%	0.2104%	0.1647%	0.2617%	
77															
78	On-Peak Demand (MW)														
79	MW @ Secondary Service	1,339,466	1,266,479	1,298,945	1,453,102	1,401,312	1,539,142	1,711,805	1,673,495	1,786,025	1,928,261	1,462,056	1,305,784	18,165,873	
80	MW @ Primary Service	306,045	382,832	280,801	293,816	369,357	238,822	377,016	365,772	428,495	466,770	460,272	325,309	4,295,307	
81	MW @ Transmission Service	19,935	-42,287	77,420	71,497	42,604	29,690	36,078	29,050	27,860	6,407	58,001	81,157	437,412	
82		1,665,447	1,607,023	1,657,166	1,818,416	1,813,273	1,807,654	2,124,900	2,068,316	2,242,380	2,401,438	1,980,329	1,712,251	22,898,592	
83															
84															
85															

Line		San Diego Gas & Electric Company												Line	
No.		FERC Recorded Period: January 2015 - December 2015												No.	
Schedule A6-TOU:		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Total
86	Total Deliveries (MWh)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881	86
87															87
88															88
89	Total Deliveries (%)	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%	89
90	% @ Secondary Service	15.33%	15.07%	12.64%	16.20%	9.77%	-21.10%	33.80%	15.14%	16.19%	15.76%	13.95%	17.81%	15.57%	90
91	% @ Primary Service	84.67%	84.93%	87.36%	83.80%	90.23%	121.10%	66.20%	84.86%	83.81%	84.24%	86.05%	82.19%	84.43%	91
92	% @ Transmission Service	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%	92
93															93
94	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	94
95	MWh @ Secondary Service	9,984	8,256	8,002	10,260	5,453	-7,213	31,705	9,402	9,288	12,787	9,659	11,520	119,103	95
96	MWh @ Primary Service	55,145	46,529	55,302	53,072	50,364	41,398	62,096	52,699	48,082	68,348	59,581	53,163	645,778	96
97	MWh @ Transmission Service	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881	97
98															98
99	Non-Coincident Demand (%)	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%	99
100	% @ Secondary Service	0.2342%	0.1486%	0.1624%	0.1951%	0.1203%	0.0178%	0.1620%	0.2050%	0.1497%	0.2414%	0.1468%	0.2238%	0.1925%	100
101	% @ Primary Service	0.1617%	0.1619%	0.1740%	0.1863%	0.1561%	0.1706%	0.1794%	0.1926%	0.1867%	0.1752%	0.1641%	0.1818%	0.1743%	101
102	% @ Transmission Service														102
103															103
104	Non-Coincident Demand (MW)	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	104
105	MW @ Secondary Service	23,383	12,269	12,994	20,017	6,560	-1,284	51,361	19,274	13,904	30,868	14,179	25,782	229,308	105
106	MW @ Primary Service	89,169	75,330	96,225	98,874	78,618	70,625	111,400	101,498	89,769	119,746	97,773	96,650	1,125,676	106
107	MW @ Transmission Service	112,552	87,599	109,219	118,891	85,178	69,341	162,761	120,772	103,673	150,613	111,952	122,432	1,354,985	107
108															108
109	Coincident Peak Demand (%)	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%	109
110	% @ Secondary Service	0.1169%	0.1305%	0.1329%	0.1207%	0.1713%	0.2041%	0.1612%	0.1414%	0.1217%	0.1280%	0.0968%	0.1251%	0.1309%	110
111	% @ Primary Service	0.1155%	0.1437%	0.1317%	0.1383%	0.1136%	0.1274%	0.1548%	0.1623%	0.1481%	0.1487%	0.1457%	0.1630%	0.1416%	111
112	% @ Transmission Service														112
113															113
114	Coincident Peak Demand (MW)	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	114
115	MW @ Secondary Service	11,672	10,774	10,634	12,384	9,342	-14,722	51,108	13,295	11,304	16,367	9,350	14,412	155,918	115
116	MW @ Primary Service	63,692	66,862	72,832	73,399	57,213	52,741	96,124	85,530	71,209	101,634	86,810	86,656	914,703	116
117	MW @ Transmission Service	75,364	77,636	83,466	85,783	66,555	38,019	147,232	98,825	82,513	118,001	96,160	101,067	1,070,620	117
118															118
119															119
120															120
121															121
122	Med. & Large Comm./Ind. Class Total:	829,206	833,177	780,573	835,368	819,022	751,011	940,849	895,518	937,539	1,010,557	923,305	872,680	10,428,804	122
123	Total Deliveries (MWh)	614,498	577,583	560,000	619,120	576,243	586,414	673,760	658,637	691,908	731,235	611,857	593,348	7,494,602	123
124	MWh @ Secondary Service	152,335	210,771	141,917	146,107	176,683	116,989	197,062	171,900	187,032	219,305	224,300	176,893	2,121,294	124
125	MWh @ Primary Service	62,373	44,823	78,656	70,140	66,096	47,608	70,027	64,982	58,599	60,016	87,148	102,439	812,908	125
126	MWh @ Transmission Service	829,206	833,177	780,573	835,368	819,022	751,011	940,849	895,518	937,539	1,010,557	923,305	872,680	10,428,804	126
127															127
128	Total Deliveries (MWh)	614,498	577,583	560,000	619,120	576,243	586,414	673,760	658,637	691,908	731,235	611,857	593,348	7,494,602	128
129	MWh @ Secondary Service	152,335	210,771	141,917	146,107	176,683	116,989	197,062	171,900	187,032	219,305	224,300	176,893	2,121,294	129
130	MWh @ Primary Service	62,373	44,823	78,656	70,140	66,096	47,608	70,027	64,982	58,599	60,016	87,148	102,439	812,908	130
131	MWh @ Transmission Service	829,206	833,177	780,573	835,368	819,022	751,011	940,849	895,518	937,539	1,010,557	923,305	872,680	10,428,804	131

Line		San Diego Gas & Electric Company												Line	
No.		FERC Recorded Period: January 2015 - December 2015												No.	
		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	
131	Non-Coincident Demand (MW)														
132	MW @ Secondary Service	1,679.571	1,596.353	1,618.753	1,759.826	1,638.790	1,655.067	1,828.571	1,804.235	1,902.022	2,043.639	1,734.607	1,654.734	20,916.168	132
133	MW @ Primary Service	323.603	401.944	301.300	345.894	366.835	202.936	406.720	359.241	398.017	481.701	478.660	363.629	4,430.481	133
134	MW @ Transmission Service	105.244	69.831	132.424	135.792	104.718	81.821	129.435	126.728	111.571	116.605	142.238	161.202	1,417.609	134
135		2,108.418	2,068.128	2,052.478	2,241.511	2,110.343	1,939.824	2,364.726	2,290.204	2,411.610	2,641.945	2,355.505	2,179.565	26,764.257	135
136															136
137															137
138	Schedule PA-T-1:														138
139	Total Deliveries (MWh)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	139
140															140
141	Total Deliveries (%)														141
142	% @ Secondary Service	94.63%	78.27%	83.89%	86.55%	98.14%	90.28%	92.57%	40.24%	99.97%	67.33%	85.64%	82.87%	77.48%	142
143	% @ Primary Service	5.37%	21.73%	16.11%	13.45%	1.86%	9.72%	7.43%	59.76%	0.03%	32.67%	14.36%	17.13%	22.52%	143
144	% @ 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%	144
145		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%	145
146	Total Deliveries (MWh)														146
147	MWh @ Secondary Service	11,835	12,958	12,891	16,840	15,747	14,323	17,730	17,830	17,334	17,502	10,429	15,269	180,689	147
148	MWh @ Primary Service	672	3,597	2,476	2,617	298	1,542	1,423	26,479	5	8,493	1,749	3,156	52,507	148
149	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0	149
150		12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	150
151	Non-Coincident Demand (%)														151
152	% @ Secondary Service	0.5244%	0.4387%	0.4382%	0.3850%	0.3815%	0.4172%	0.3710%	0.3812%	0.3713%	0.3843%	0.4603%	0.4396%	0.4099%	152
153	% @ Primary Service	-2.2172%	0.2718%	0.3699%	0.3627%	1.8096%	0.4834%	0.5208%	0.2058%	122.1367%	0.3326%	0.6172%	0.4805%	0.2835%	153
154	% @ 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%	154
155															155
156	Non-Coincident Demand (MW)														156
157	MW @ Secondary Service	62.062	56.846	56.489	64.834	60.074	59.757	65.780	67.967	64.361	67.261	48.006	67.122	740.561	157
158	MW @ Primary Service	-14.891	9.778	9.157	9.492	5.401	7.455	7.412	54.493	6.353	28.246	10.793	15.166	148.855	158
159	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	159
160		47.171	66.624	65.647	74.326	65.475	67.212	73.192	122.460	70.715	95.507	58.800	82.287	889.416	160
161															161
162															162
163															163
164	Schedule S														164
165	Standby Determinants:														165
166	Standby Demand (MW)														166
167	MW @ Secondary Service	9.542	9.542	8.944	8.944	8.969	9.103	9.041	8.8917	8.8127	8.813	9.665	9.776	110.043	167
168	MW @ Primary Service	102.094	102.069	102.06	102.032	102.037	98.984	97.591	99.087	102.464	99.19	99.412	99.403	1,206.423	168
169	MW @ Transmission Service	58.81	58.726	58.757	58.799	58.189	58.217	60.904	60.832	60.916	62.416	62.575	62.789	721.930	169
170		170.446	170.337	169.761	169.775	169.195	166.304	167.536	168.811	172.193	170.419	171.652	171.968	2,038.396	170
171															171
172															172

San Diego Gas & Electric Company

Section 3.3.3

Derivation of CAISO Monthly Cost of
Service (COS) Revenues for
the 12-Month True-Up Period
(January 2015 – December 2015)

Docket No. ER17-____-____

Section 3.3.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing															
SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)															
For the Rate Effective Period January 2015 - December 2015															
12-Month True-Up Period (1/1/2015 - 12/31/2015)															
Line No.	Customer Class	(A) Jan-15	(B) Feb-15	(C) Mar-15	(D) Apr-15	(E) May-15	(F) Jun-15	(G) Jul-15	(H) Aug-15	(I) Sep-15	(J) Oct-15	(K) Nov-15	(L) Dec-15	(M) Total	(N) Reference
1	Residential Customers	\$ 25,986,268	\$ 21,258,821	\$ 20,780,982	\$ 19,856,590	\$ 20,059,979	\$ 20,254,837	\$ 23,780,818	\$ 25,984,557	\$ 30,862,900	\$ 28,611,141	\$ 23,236,938	\$ 23,088,167	\$ 283,762,000	Section 3.3.3; Pages 2 & 3; Line 29
2		5,902,407	5,393,502	5,665,784	5,849,424	5,496,597	5,599,083	6,283,300	6,377,308	6,847,577	6,676,774	5,875,644	5,455,602	71,423,000	Section 3.3.3; Pages 2 & 3; Line 31
3	Small Commercial														
4		146,205	142,431	150,802	158,441	156,555	148,512	159,020	158,473	174,329	175,872	155,185	131,602	1,857,427	Section 3.3.3; Page 4; Line 18
5	Med-Lg C&I @ 100% NCD	20,768,226	20,355,889	20,202,634	22,066,517	20,765,294	19,133,800	23,277,673	22,551,609	23,742,064	26,009,593	23,159,011	21,456,007	263,486,316	Section 3.3.3; Page 5; Line 30
6	Med-Lg C&I @ 90% NCD														
7	Max On Peak Demand	888,748	857,226	883,562	970,088	3,235,731	3,235,715	3,797,467	3,696,849	4,006,218	4,291,545	1,054,256	912,249	27,830,656	Section 3.3.3; Page 6; Line 18
8	Max Dem-Time of System Peak	41,949	43,210	46,453	47,746	139,643	79,583	309,203	207,345	173,124	247,584	53,510	56,252	1,445,601	Section 3.3.3; Page 7; Line 18
9	Total Med-Lg C&I	21,845,128	21,398,756	21,283,451	23,242,792	24,296,223	22,597,610	27,543,364	26,614,275	28,095,734	30,724,595	24,421,962	22,556,111	294,620,000	Sum Lines 5, 6, 7, 8
10															
11	Schedules PA and TOL-PA	96,419	122,337	118,407	159,594	150,058	155,414	178,364	171,486	190,190	170,718	164,034	145,942	1,822,964	Section 3.3.3; Page 2 & 3; Line 35
12	Schedule PA-T-1 - Non-Coincident (100%)	251,011	348,876	343,844	389,466	343,628	352,394	383,876	634,562	371,033	497,512	307,507	430,327	4,654,036	Section 3.3.3; Page 8; Line 18
13	Total Agricultural	347,430	471,213	462,252	549,060	493,686	507,808	562,240	806,048	561,223	668,230	471,541	576,269	6,477,000	Sum Lines 11 & 12
14															
15	Street Lighting	143,207	285,350	207,297	226,796	128,503	186,496	241,076	126,993	215,556	136,357	206,211	263,160	2,367,000	Section 3.3.3; Pages 2 & 3; Line 39
16															
17	Standby Revenues	881,595	881,033	877,946	878,017	875,037	860,115	866,412	872,976	890,444	881,241	887,767	889,417	10,542,000	Section 3.3.3; Page 9; Line 18
18															
19	TOTAL Recorded	\$ 55,106,035	\$ 49,688,675	\$ 49,277,712	\$ 50,602,678	\$ 51,350,024	\$ 50,005,949	\$ 59,277,210	\$ 60,782,158	\$ 67,473,436	\$ 67,698,337	\$ 55,100,062	\$ 52,828,726	\$ 669,191,000	Sum Lines 1, 3, 9, 13, 15, 17
Notes:															
For the Wholesale True-Up Revenues by customer class from January 2015 - December 2015, the True-Up Transmission Rates were based on the 12-month Wholesale True-Up															
Cost of Service Posted on June 15, 2016 as part of the TO4-Cycle 4 Instant Draft Informational Posting. The derived transmission rates at the Transmission Level were then applied															
to the recorded sales at transmission level from January 2015 - December 2015 in developing the monthly recorded cost of service for the true-up period.															

Section 3.3.3 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 4 Annual Transmission For multiple Rate Filing SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service) For the Rate Effective Period January 2015 - December 2015 12-Month True-Up Period (1/1/2015 - 12/31/2015)														
Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Sub-Total
		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)	
1	Residential Customers	686,056,782	-	561,248,661	-	548,633,374	-	524,228,737	-	529,598,337	-	534,742,754	-	3,384,508,645
2	Small Commercial	166,549,104	-	152,189,240	-	159,872,276	-	165,064,066	-	155,098,294	-	157,990,171	-	956,753,171
3	Medium-Large Commercial	859,823,685	2,192,441	863,942,087	2,148,830	809,394,841	2,133,543	866,313,340	2,229,791	849,263,727	2,192,901	778,742,017	2,021,204	5,027,379,696
4	Agricultural (PA and TOU-PA)	5,040,338	-	6,395,214	-	6,189,777	-	8,342,802	-	7,844,327	-	8,124,286	-	41,936,744
5	Agricultural (PA-T-1)	13,047,826	49,955	17,272,064	69,432	16,032,085	68,431	20,299,361	77,510	16,739,852	68,388	16,552,332	70,132	99,943,520
6	Street Lighting	5,681,030	-	11,319,866	-	8,223,512	-	8,997,019	-	5,097,735	-	7,398,335	-	46,717,499
7	Standby Customers	-	172,405	-	172,295	-	171,690	-	171,704	-	171,122	-	168,204	1,027,419
8	TOTAL	1,736,198,765	2,414,801	1,612,367,151	2,390,557	1,548,345,865	2,373,665	1,593,135,325	2,579,005	1,563,642,272	2,432,410	1,503,549,895	2,259,540	9,557,239,274
Note: The above billing determinants are the recorded determinants from January 2015 through December 2015. The recorded billing determinants are translated from retail to transmission level.														
Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Sub-Total
		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 @ Present Rates Energy (kWh)	Demand (kW)	
16	Residential Customers	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221
17	Small Commercial	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391	\$ 0,0354394391
18	Medium-Large Commercial	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126	\$ 0,0191295126
19	Agricultural (PA and TOU-PA)	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561
20	Agricultural (PA-T-1)	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561
21	Street Lighting	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561
22	Standby Customers	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561	\$ 0,0252078561
23	TOTAL	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221	\$ 0,0378777221
Note: The wholesale transmission rates from January 2015 - December 2015 were derived from the Wholesale True-Up Cost of Service of \$609.191 million as shown in Section 3.3.1, Cost Statement BK2, page 2 of 2, line 33, of the instant TO4-Cycle 4 posting.														
Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		Sub-Total
		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 @ Present Rates Energy (kWh)	Demand (kW)	
29	Residential Customers	\$ 5,902,407	\$ 2,125,821	\$ 5,395,502	\$ 2,125,821	\$ 5,665,784	\$ 2,078,982	\$ 5,849,424	\$ 19,856,590	\$ 20,059,979	\$ 5,599,083	\$ 20,254,837	\$ 33,906,796	\$ 128,197,478
30	Small Commercial	\$ 96,419	\$ 122,337	\$ 96,419	\$ 122,337	\$ 96,419	\$ 118,407	\$ 159,594	\$ 150,058	\$ 150,058	\$ 155,414	\$ 155,414	\$ 802,229	\$ 2,029,219
31	Medium-Large Commercial	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 25,986,268	\$ 141,946,921
32	Agricultural (PA and TOU-PA)	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 251,011	\$ 1,177,648
33	Agricultural (PA-T-1)	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 143,207	\$ 5,253,742
34	Street Lighting	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 881,595	\$ 164,084,151
35	Standby Customers	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 32,128,301	\$ 1,141,946,921
36	TOTAL	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 3,066,031,072
37	Grand Total	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 55,106,055	\$ 3,066,031,072
Notes: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-1, Agricultural PA-T-1, and Standby Customers where these revenues are derived on pages 4-9.														

Section 3.3.3 SAN DIEGO GAS AND ELECTRIC COMPANY TOU Cycle 4 Annual Transmission For multiple Rate Filing SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service) For the Rate Effective Period January 2015 - December 2015 12-Month True-Up Period (1/1/2015 - 12/31/2015)														
Line No.	Customer Class	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		Grand-Total
		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)	
1	Residential Customers	627,831,261	-	686,011,615	-	814,803,493	-	755,355,386	-	613,472,411	-	609,544,772	-	7,491,527,584
2	Small Commercial	177,296,827	-	179,949,464	-	193,219,105	-	188,399,827	-	165,793,935	-	153,941,539	-	2,015,353,566
3	Medium-Large Commercial	975,589,338	2,456,899	928,884,835	2,380,681	972,156,922	2,807,060	1,047,870,920	2,745,075	957,397,624	2,444,088	904,902,866	2,263,313	10,813,882,190
4	Agricultural (PA and TOU-PA)	9,324,046	-	8,964,492	-	9,942,228	-	8,924,342	-	8,574,903	-	7,629,137	-	95,295,894
5	Agricultural (PA-T-1)	19,982,732	76,398	46,226,657	126,288	18,089,901	73,842	27,120,129	99,013	12,705,354	61,199	19,222,591	85,642	243,290,882
6	Street Lighting	9,563,513	-	5,037,816	-	8,551,150	-	5,409,293	-	8,180,407	-	10,439,621	-	93,899,298
7	Standsby Customers	-	169,435	-	170,718	-	174,134	-	172,334	-	173,611	-	1,034,167	
8	TOTAL	1,819,587,706	2,702,731	1,854,774,879	2,677,687	2,016,762,798	2,755,036	2,033,079,898	3,016,422	1,766,124,634	2,678,899	1,705,680,525	2,522,789	20,753,249,414
<i>Note: The above billing determinants are the recorded determinants from January 2015 through December 2015. The recorded billing determinants are translated from retail to transmission level.</i>														
Line No.	Customer Class	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		Grand-Total
		Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	
16	Residential Customers	\$ 0.0378777221		\$ 0.0378777221		\$ 0.0378777221		\$ 0.0378777221		\$ 0.0378777221		\$ 0.0378777221		\$ 0.0378777221
17	Small Commercial	\$ 0.0354394391		\$ 0.0354394391		\$ 0.0354394391		\$ 0.0354394391		\$ 0.0354394391		\$ 0.0354394391		\$ 0.0354394391
18	Medium-Large Commercial	\$ 0.0191295126		\$ 0.0191295126		\$ 0.0191295126		\$ 0.0191295126		\$ 0.0191295126		\$ 0.0191295126		\$ 0.0191295126
19	Agricultural (PA and TOU-PA)	\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561
20	Agricultural (PA-T-1)	\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561
21	Street Lighting	\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561
22	Standsby Customers	\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561		\$ 0.0252078561
<i>Note: The wholesale transmission rates from January 2015 - December 2015 were derived from the Wholesale True-Up Cost of Service of \$609.19 million as shown in Section 3.3.1, Cost Statement BK2, page 2 of 2, line 33, of the Instant TOU-Cycle 4 posting</i>														
Line No.	Customer Class	Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15		Grand-Total
		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 @ Present Rates Energy (kWh)	Demand (kW)	
29	Residential Customers	\$ 23,780,818	-	\$ 25,984,557	-	\$ 30,862,900	-	\$ 28,611,141	-	\$ 23,236,938	-	\$ 23,088,167	-	\$ 283,762,000
30	Small Commercial	\$ 6,283,300	-	\$ 6,377,308	-	\$ 6,847,577	-	\$ 6,676,774	-	\$ 5,875,644	-	\$ 5,455,602	-	\$ 71,423,000
31	Medium-Large Commercial	\$ 27,543,364	\$ 27,543,364	\$ 26,614,275	\$ 26,614,275	\$ 28,095,734	\$ 28,095,734	\$ 30,724,595	\$ 30,724,595	\$ 24,421,962	\$ 24,421,962	\$ 22,556,111	\$ 22,556,111	\$ 294,630,000
32	Agricultural (PA and TOU-PA)	\$ 178,264	-	\$ 171,486	-	\$ 190,190	-	\$ 170,718	-	\$ 164,034	-	\$ 145,942	-	\$ 1,822,964
33	Agricultural (PA-T-1)	\$ 383,876	\$ 383,876	\$ 634,562	\$ 634,562	\$ 371,033	\$ 371,033	\$ 497,512	\$ 497,512	\$ 307,507	\$ 307,507	\$ 430,327	\$ 430,327	\$ 4,654,036
34	Street Lighting	\$ 241,076	-	\$ 126,993	-	\$ 215,556	-	\$ 136,357	-	\$ 206,211	-	\$ 263,160	-	\$ 2,367,000
35	Standsby Customers	\$ -	\$ 866,412	\$ -	\$ 872,976	\$ -	\$ 890,444	\$ -	\$ 881,241	\$ -	\$ 887,767	\$ -	\$ 889,417	\$ -
36	TOTAL	\$ 30,483,558	\$ 28,793,652	\$ 32,660,344	\$ 32,660,344	\$ 38,116,223	\$ 38,116,223	\$ 35,594,990	\$ 35,594,990	\$ 29,482,826	\$ 29,482,826	\$ 28,952,871	\$ 28,952,871	\$ 359,374,964
37	Grand Total	\$ 59,277,210	\$ 60,782,138	\$ 67,473,436	\$ 67,473,436	\$ 75,510,062	\$ 75,510,062	\$ 67,698,337	\$ 67,698,337	\$ 55,100,062	\$ 55,100,062	\$ 52,828,226	\$ 52,828,226	\$ 609,191,000
<i>Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-Agricultural PA-T-1 and Standsby Customers where these revenues are derived on pages 4-9.</i>														

Section 3.3.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
T04-Cycle 4 Annual Transmission Formulaic Rate Filing															
SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)															
For the Rate Effective Period January 2015 - December 2015															
12-Month True-Up Period (1/1/2015 - 12/31/2015)															
Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Non-Coincident Demand (KW): Applied to 90%:														
2	Schedule AL-TOU / AY-TOU / DG-R	1,745,699	1,688,897	1,681,551	1,838,614	1,702,014	1,719,817	1,900,577	1,875,159	1,976,120	2,124,276	1,802,482	1,721,051	21,736,257	Section 3.3.3, Page 10.3; Ln. 97 x 1000
3	Schedule A6-TOU														Section 3.3.3, Page 10.4; Ln. 151 x 1000
4	Secondary	1,745,699	1,688,897	1,681,551	1,838,614	1,702,014	1,719,817	1,900,577	1,875,159	1,976,120	2,124,276	1,802,482	1,721,051	21,736,257	Sum Lines 3 and 4
5															
6															
7	Schedules AL-TOU / AY-TOU / DG-R:	303,370	393,797	291,332	329,306	364,076	206,311	359,106	343,522	388,127	455,625	469,457	341,422	4,245,450	Section 3.3.3, Page 10.3; Ln. 101 x 1000
8	Schedule A6-TOU	23,640	12,404	13,137	20,237	6,632	(1,298)	51,926	19,486	14,067	31,207	14,535	26,065	231,831	Section 3.3.3, Page 10.4; Ln. 155 x 1000
9	Primary	327,011	406,201	304,469	349,543	370,709	205,013	411,032	363,009	402,185	486,832	483,992	367,487	4,477,281	Sum Lines 8 and 9
10															
11															
12	Schedules AL-TOU / AY-TOU / DG-R:	16,180	(5,535)	36,435	37,158	26,270	11,269	18,152	25,394	21,944	(3,162)	44,754	64,971	293,830	Section 3.3.3, Page 10.3; Ln. 105 x 1000
13	Schedule A6-TOU	89,748	75,830	96,850	99,517	79,129	71,084	112,124	102,188	90,352	170,524	98,408	97,278	1,132,993	Section 3.3.3, Page 10.4; Ln. 159 x 1000
14	Transmission	105,928	70,285	133,285	136,675	105,398	82,553	130,276	127,551	112,296	117,363	143,163	162,249	1,426,623	Sum Lines 13 and 14
15	Total	2,178,638	2,135,383	2,119,306	2,314,832	2,178,121	2,407,183	2,441,885	2,365,719	2,490,601	2,728,470	2,459,437	2,250,788	27,640,361	Sum Lines 5, 10, 15
16															
17															
18															
19	Non-Coincident Demand Rates Per (S/KW) @ 90%: ¹														
20	Secondary	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	\$ 9,532,665,430.7	Section 3.3.3, Page 14; Line 8
21	Primary	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	\$ 9,532,665,427.9	Section 3.3.3, Page 14; Line 8
22	Transmission	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	\$ 9,532,665,438.2	Section 3.3.3, Page 14; Line 8
23															
24	Revenues @ Calculated Rates:														
25	Secondary	\$ 16,641,164	\$ 15,813,714	\$ 16,029,667	\$ 17,431,569	\$ 16,224,725	\$ 16,394,435	\$ 18,117,561	\$ 17,875,265	\$ 18,837,689	\$ 20,250,010	\$ 17,182,458	\$ 16,406,207	\$ 207,204,465	Line 5 x Line 20
26	Primary	3,117,282	3,672,175	2,902,404	3,332,076	3,553,942	1,954,318	3,916,231	3,460,439	3,833,893	4,640,803	4,611,830	3,503,131	42,880,423	Line 10 x Line 21
27	Transmission	1,095,779	670,000	1,270,563	1,302,872	1,094,727	785,047	1,241,881	1,215,904	1,070,481	1,118,780	1,364,723	1,546,669	13,601,428	Line 15 x Line 22
28	Total	\$ 20,768,226	\$ 20,355,889	\$ 20,202,634	\$ 22,066,517	\$ 20,763,294	\$ 19,133,800	\$ 23,277,673	\$ 22,551,609	\$ 23,742,064	\$ 26,009,593	\$ 23,159,011	\$ 21,456,007	\$ 263,486,316	Sum Lines 25, 26, 27
29															
30	Total Revenues @ Calculated Rates:	\$ 20,768,226	\$ 20,355,889	\$ 20,202,634	\$ 22,066,517	\$ 20,763,294	\$ 19,133,800	\$ 23,277,673	\$ 22,551,609	\$ 23,742,064	\$ 26,009,593	\$ 23,159,011	\$ 21,456,007	\$ 263,486,316	Line 28
1	90% Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, DG-R and A6-TOU.														

Section 3.3.3 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 4 Annual Transmission Formulaic Rate Filing SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service) For the Rate Effective Period January 2015 - December 2015 12-Month True-Up Period (1/1/2015 - 12/31/2015) Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	One-Peak Demand (KW):														
2	Secondary	1,403,091	1,326,636	1,360,645	1,522,125	1,467,874	1,612,252	1,793,116	1,752,986	1,870,861	2,019,853	1,531,504	1,367,809	19,028,752	Section 3.3.3, Page 10.3; Ln. 117 x 1000
3	Primary	309,412	387,043	283,890	297,048	373,420	241,449	381,163	369,796	433,208	471,904	465,335	328,888	4,342,556	Section 3.3.3, Page 10.3; Ln. 121 x 1000
4	Transmission	-20,065	(42,562)	77,923	71,962	42,880	-29,883	-36,313	29,239	-28,041	6,449	58,378	-81,685	-440,255	Section 3.3.3, Page 10.3; Ln. 125 x 1000
5	Total	1,732,368	1,671,117	1,722,458	1,891,135	1,884,175	1,885,383	2,210,392	2,152,020	2,332,111	2,498,206	2,055,217	1,778,382	23,811,562	Sum Lines 2; 3; 4
6															
7	Maximum One-Peak Demand Rates Per (SKW): ¹														
8	Secondary	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	Section 3.3.3, Page 14; Lines 1,812
9	Primary	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	Section 3.3.3, Page 14; Lines 1,812
10	Transmission	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	Section 3.3.3, Page 14; Lines 1,812
11															
12	Revenues @ Calculated Rates:														
13	Secondary	\$ 719,738	\$ 680,519	\$ 697,965	\$ 780,798	\$ 2,521,589	\$ 2,769,607	\$ 3,080,306	\$ 3,011,367	\$ 3,213,860	\$ 3,469,806	\$ 785,610	\$ 701,640	\$ 22,432,806	Line 2 x Line 8
14	Primary	\$ 158,718	\$ 198,540	\$ 145,626	\$ 152,375	\$ 641,480	\$ 414,773	\$ 654,782	\$ 635,253	\$ 744,187	\$ 810,661	\$ 238,701	\$ 168,708	\$ 4,963,805	Line 3 x Line 9
15	Transmission	\$ 10,293	\$ (21,833)	\$ 39,972	\$ 36,914	\$ 73,662	\$ -51,334	\$ 62,380	\$ 50,228	\$ -48,170	\$ 11,078	\$ 29,946	\$ -41,902	\$ 434,045	Line 4 x Line 10
16	Total	\$ 888,748	\$ 857,226	\$ 883,562	\$ 970,088	\$ 3,226,731	\$ 3,235,715	\$ 3,797,467	\$ 3,696,849	\$ 4,006,218	\$ 4,291,545	\$ 1,054,256	\$ 912,249	\$ 27,830,656	Sum Lines 13; 14; 15
17	Total Revenues @ Calculated Rates:	\$ 888,748	\$ 857,226	\$ 883,562	\$ 970,088	\$ 3,226,731	\$ 3,235,715	\$ 3,797,467	\$ 3,696,849	\$ 4,006,218	\$ 4,291,545	\$ 1,054,256	\$ 912,249	\$ 27,830,656	Line 16
18															
1	Maximum One-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER and DGR.														

Section 3.3.3 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 4 Annual Transmission Formulaic Rate Filing SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service) For the Rate Effective Period January 2015 - December 2015 12-Month True-Up Period (1/1/2015 - 12/31/2015) Medium & Large Commercial and Industrial Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Coincident Peak Demand (KW):														
2	Secondary														Section 3.3.3; Page 10.4; Ln. 171 x 1000
3	Primary	11,800	10,893	10,751	12,520	9,444	(14,884)	51,670	13,441	11,428	16,547	9,453	14,570	157,633	Section 3.3.3; Page 10.4; Ln. 175 x 1000
4	Transmission	64,106	67,297	73,506	73,876	57,585	53,084	96,749	86,086	71,672	102,294	87,374	87,219	920,648	Section 3.3.3; Page 10.4; Ln. 179 x 1000
5	Total	75,906	78,189	84,057	86,596	67,029	38,200	148,419	99,527	83,100	118,842	96,827	101,789	1,078,281	Sum Lines 2, 3, 4
6															
7	Coincident Peak Demand Rates Per (\$/KW):														
8	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Section 3.3.3; Pg 14; Lines 15 & 16
9	Primary	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	\$ 0.557677175	Section 3.3.3; Pg 14; Lines 15 & 16
10	Transmission	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	\$ 0.552677175	Section 3.3.3; Pg 14; Lines 15 & 16
11															
12	Revenues @ Calculated Rates:														
13	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 8
14	Primary	6,521	6,020	5,941	6,919	19,675	(31,007)	107,644	28,001	23,808	34,473	5,224	8,052	221,272	Line 3 x Line 9
15	Transmission	35,427	37,191	40,511	40,827	119,967	110,590	201,559	179,344	149,315	213,111	48,286	48,200	1,224,329	Line 4 x Line 10
16	Total	\$ 41,949	\$ 43,210	\$ 46,453	\$ 47,746	\$ 139,643	\$ 79,583	\$ 309,203	\$ 207,345	\$ 173,124	\$ 247,584	\$ 53,510	\$ 56,252	\$ 1,445,601	Sum Lines 13, 14, 15
17															
18	Total Revenues @ Calculated Rates:	\$ 41,949	\$ 43,210	\$ 46,453	\$ 47,746	\$ 139,643	\$ 79,583	\$ 309,203	\$ 207,345	\$ 173,124	\$ 247,584	\$ 53,510	\$ 56,252	\$ 1,445,601	Line 16
19															
20	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AG-TOU.														

Section 3.3.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing															
SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)															
For the Rate Effective Period January 2015 - December 2015															
12-Month True-Up Period (1/1/2015 - 12/31/2015)															
Agricultural Customer															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Non-Coincident Demand (KW): Applied to 100%														
2	Secondary	65,010	59,546	59,173	67,914	62,928	62,596	68,905	71,195	67,419	70,456	50,287	70,310	775,738	Section 3.3.3; Page 10.5; Ln. 208 x 10000
3	Primary	(15,054)	9,886	9,258	9,596	5,460	7,537	7,493	55,093	6,423	28,557	10,912	15,332	150,492	Section 3.3.3; Page 10.5; Ln. 212 x 10000
4	Transmission														Section 3.3.3; Page 10.5; Ln. 216 x 10000
5	Total	49,955	69,432	68,431	77,510	68,388	70,132	76,398	126,288	73,842	99,013	61,199	85,642	926,230	Sum Lines 2; 3; 4
6															
7	Non-Coincident Demand Rates Per (SKW) @ 100%.														
8	Secondary	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 3.897856	Section 3.3.3; Page 14; Line 21
9	Primary	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 5.0247095105	\$ 756,180	Section 3.3.3; Page 14; Line 21
10	Transmission	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 5.0023443346	\$ 4,654,036	Section 3.3.3; Page 14; Line 21
11	Revenues @ Calculated Rates:														
12	Secondary	\$ 326,655	\$ 299,204	\$ 297,326	\$ 341,248	\$ 316,193	\$ 314,525	\$ 346,225	\$ 357,736	\$ 338,759	\$ 354,022	\$ 252,676	\$ 353,286	\$ 3,897,856	Line 2 x Line 8
13	Primary	(75,644)	49,672	46,519	48,218	27,435	37,869	37,651	276,825	32,275	143,490	54,831	77,041	\$ 756,180	Line 3 x Line 9
14	Transmission														Line 4 x Line 10
15	Total	\$ 251,011	\$ 348,876	\$ 343,844	\$ 389,466	\$ 343,628	\$ 352,394	\$ 383,876	\$ 634,562	\$ 371,033	\$ 497,512	\$ 307,507	\$ 430,327	\$ 4,654,036	Sum Lines 13; 14; 15
16															
17	Total Revenues @ Calculated Rates:														
18	Total Revenues @ Calculated Rates:	\$ 251,011	\$ 348,876	\$ 343,844	\$ 389,466	\$ 343,628	\$ 352,394	\$ 383,876	\$ 634,562	\$ 371,033	\$ 497,512	\$ 307,507	\$ 430,327	\$ 4,654,036	Line 16
19															
20															
21	Non-Coincident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: PA-1-1.														

Section 3.3.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing															
SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)															
For the Rate Effective Period January 2015 - December 2015															
12-Month True-Up Period (1/1/2015 - 12/31/2015)															
Standby Customers															
Line No.	Description	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	Reference
1	Demand - Billing Determinants (KW):														
2	Secondary	9,995	9,995	9,369	9,369	9,314	9,231	9,232	9,232	9,231	9,232	10,124	10,240	115,270	Section 3.3.3, Page 10.5; Ln. 223 x 1000
3	Primary	103,217	103,192	103,183	103,154	103,159	100,073	98,665	100,177	103,591	100,281	100,506	100,496	1,219,694	Section 3.3.3, Page 10.5; Ln. 227 x 1000
4	Transmission	59,192	59,108	59,139	59,181	58,567	61,227	61,300	61,227	61,312	62,822	62,982	63,197	726,623	Section 3.3.3, Page 10.5; Ln. 231 x 1000
5	Total	172,405	172,295	171,690	171,704	171,122	168,204	169,435	170,718	174,134	172,334	173,611	173,934	2,061,587	Sum Lines 2, 3, 4
6															
7	Demand Rates Per (\$/KW):														
8	Secondary	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	\$ 5,109,721,886	Section 3.3.3, Page 14; Line 25
9	Primary	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	\$ 5,113,579,122	Section 3.3.3, Page 14; Line 25
10	Transmission	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	\$ 5,114,071,983	Section 3.3.3, Page 14; Line 25
11	Revenues at Present Rates:														
12	Secondary	\$ 51,073	\$ 51,073	\$ 47,872	\$ 47,872	\$ 48,006	\$ 48,223	\$ 48,391	\$ 47,592	\$ 47,169	\$ 47,171	\$ 51,731	\$ 52,325	\$ 589,000	Line 2 x Line 8
14	Primary	\$ 527,808	\$ 527,679	\$ 527,633	\$ 527,488	\$ 527,514	\$ 511,730	\$ 504,529	\$ 512,263	\$ 529,721	\$ 512,795	\$ 513,943	\$ 513,896	\$ 6,237,000	Line 3 x Line 9
15	Transmission	\$ 302,714	\$ 302,281	\$ 302,441	\$ 302,657	\$ 299,517	\$ 299,661	\$ 313,492	\$ 313,121	\$ 313,554	\$ 321,275	\$ 322,093	\$ 323,195	\$ 3,716,000	Line 4 x Line 10
16	Total	\$ 881,595	\$ 881,033	\$ 877,946	\$ 878,017	\$ 875,037	\$ 860,115	\$ 866,412	\$ 872,976	\$ 890,444	\$ 881,241	\$ 887,767	\$ 889,417	\$ 10,542,000	Sum Lines 13, 14, 15
17															
18	Total Revenues at Present Rates	\$ 881,595	\$ 881,033	\$ 877,946	\$ 878,017	\$ 875,037	\$ 860,115	\$ 866,412	\$ 872,976	\$ 890,444	\$ 881,241	\$ 887,767	\$ 889,417	\$ 10,542,000	Line 16

Section 3.3.3
San Diego Gas & Electric

Line No.	SDG&E: System Delivery Determinants	FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015												Line No.	
		T04-C2 Jan-15	T04-C2 Feb-15	T04-C2 Mar-15	T04-C2 Apr-15	T04-C2 May-15	T04-C2 Jun-15	T04-C2 Jul-15	T04-C2 Aug-15	T04-C2 Sep-15	T04-C2 Oct-15	T04-C2 Nov-15	T04-C2 Dec-15		Total
1	Customer Class Deliveries (MWh)	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	721,103	585,654	581,904	7,151,816	3
2	Residential	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	4
3	Transmission Level Adjustment Factor	686,057	561,249	548,633	524,229	529,598	534,743	627,831	686,012	814,803	755,355	613,472	609,545	7,491,528	5
4	Residential @ Transmission Level														6
5	Small Commercial	158,997	145,288	152,623	157,570	148,065	150,826	169,257	171,789	184,457	179,856	158,276	146,961	1,923,965	7
6	Transmission Level Adjustment Factor	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	8
7	Small Commercial @ Transmission Level	166,549	152,189	159,872	165,054	155,098	157,990	177,297	179,949	193,219	188,400	165,794	153,942	2,015,354	9
8	Med. & Large Comm./Ind. (AD)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008	11
9	Transmission Level Adjustment Factor	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	12
10	Med&Lrg C/I (AD)@Trans. Level	3,338	3,133	3,177	3,329	3,299	3,150	3,447	3,597	3,882	3,799	3,355	2,941	40,448	13
11	Med. & Large Comm./Ind. (AY + AL + DGR)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915	15
12	Transmission Level Adjustment Factor	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	16
13	Med&Lrg C/I (AY + AL + DGR)@Trans Level	788,952	804,001	740,577	797,213	788,087	740,144	874,878	860,594	908,786	959,941	882,245	834,891	9,980,310	17
14	Med. & Large Comm./Ind. (A6)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	764,881	19
15	Transmission Level Adjustment Factor	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	20
16	Med. & Large Comm./Ind. (A6) @ Trans Level	67,534	56,808	65,641	65,671	57,878	35,447	97,264	64,394	59,489	84,131	71,797	67,071	793,124	21
17	Agriculture (PA + TOU-PA)	4,831	6,130	5,933	7,997	7,519	7,787	8,937	8,593	9,530	8,554	8,219	7,313	91,342	22
18	Transmission Level Adjustment Factor	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	24
19	Agriculture (PA-T-1) @ Trans Level	5,040	6,395	6,190	8,343	7,844	8,124	9,324	8,964	9,942	8,924	8,575	7,629	95,296	25
20	Agriculture (PA-T-1)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	26
21	Transmission Level Adjustment Factor	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	27
22	Agriculture (PA-T-1) @ Trans Level	13,048	17,272	16,032	20,299	16,740	16,552	19,983	46,227	18,090	27,120	12,705	19,223	243,291	29
23	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	5,164	7,809	9,966	89,641	31
24	Transmission Level Adjustment Factor	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	32
25	Street Lighting @ Transmission Level	5,681	11,320	8,224	8,997	5,098	7,398	9,564	5,038	8,551	5,409	8,180	10,440	93,899	33
26	Sale for Resale	7.5	0.5	3.4	6.8	4.5	0.6	1.5	0.5	0.5	0.5	0.6	3.7	30.5	35
27	Total System Delivery@Meter Exclude Resale	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,779,922	1,934,884	1,951,229	1,695,441	1,637,249	19,918,764	36
28	Total System Delivery@Trans. Exclude Resale	1,736,199	1,612,367	1,548,346	1,593,135	1,563,642	1,503,550	1,819,588	1,854,775	2,016,763	2,033,080	1,766,125	1,705,681	20,753,249	37
29	Med. & Large Comm./Ind.														38
30	Rate Schedule Billing Determinants														39
31	Schedule AD: Applicable to 100% NCD														40
32	Total Deliveries (MWh)	3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008	42
33															43

Section 3.3.3
San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015		San Diego Gas & Electric												
Line No.		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
44	Total Deliveries (%)													
45	% @ Secondary Service	97.82%	97.82%	97.62%	97.72%	97.72%	97.56%	97.83%	97.79%	97.53%	97.98%	98.08%	97.40%	97.74%
46	% @ Primary Service	2.18%	2.18%	2.38%	2.28%	2.28%	2.44%	2.17%	2.21%	2.47%	2.02%	1.92%	2.60%	2.26%
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%
48	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%
49	MWh @ Secondary Service	3,149	2,956	2,991	3,138	3,109	2,964	3,253	3,392	3,651	3,590	3,174	2,762	38,128
50	MWh @ Primary Service	70	66	73	73	73	74	72	77	92	74	62	74	880
51	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
52		3,219	3,022	3,064	3,211	3,181	3,038	3,325	3,469	3,744	3,664	3,236	2,836	39,008
53	Non-Coincident Demand (%)													
54	% @ Secondary Service	0.4139%	0.4290%	0.4498%	0.4504%	0.4489%	0.4466%	0.4359%	0.4159%	0.4248%	0.4371%	0.4367%	0.4245%	0.4342%
55	% @ Primary Service	0.2144%	0.2475%	0.1971%	0.2102%	0.2205%	0.2071%	0.2223%	0.2378%	0.2254%	0.2244%	0.2116%	0.1907%	0.0000%
56	% @ 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%
57														
58	Non-Coincident Demand (MW)													
59	MW @ Secondary Service	13,032	12,680	13,453	14,132	13,956	13,237	14,178	14,107	15,511	15,691	13,860	11,726	165,565
60	MW @ Primary Service	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	173,429
61	MW @ Transmission Service	13,651	13,282	14,092	14,803	14,619	13,866	14,851	14,777	16,248	16,437	14,518	12,283	173,429
62														
63	MW @ Primary Service	0.150	0.163	0.144	0.154	0.160	0.154	0.160	0.182	0.208	0.166	0.131	0.141	1.914
64	MW @ Secondary Service	1,0110	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100	1,01100
65	MW @ Transmission Service	0.152	0.165	0.145	0.156	0.162	0.155	0.162	0.184	0.211	0.168	0.133	0.142	1.935
66														
67	MW @ Primary 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
68	MW @ Secondary Service	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065	1,0065
69	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
70														
71	MW @ Primary Service	13,183	12,843	13,597	14,286	14,116	13,391	14,338	14,290	15,720	15,857	13,992	11,866	167,478
72	MW @ Secondary Service	13,804	13,447	14,238	14,959	14,781	14,021	15,013	14,962	16,459	16,604	14,651	12,425	175,364
73	MW @ Transmission Service													
74														
75	Schedules AL-TOU / AY-TOU / DG-R;													
76	Applicable to 90% NCD - Total Deliveries (MWh)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
77														
78	Total Deliveries (%)													
79	% @ Secondary Service	80.35%	74.11%	77.99%	80.12%	75.41%	81.74%	79.47%	78.95%	78.53%	78.60%	71.54%	73.35%	77.47%
80	% @ Primary Service	18.70%	26.11%	18.74%	17.66%	22.52%	17.39%	19.59%	19.57%	20.27%	22.30%	25.22%	20.53%	20.79%
81	% @ Transmission Service	0.95%	-0.22%	3.27%	2.22%	2.07%	0.87%	0.94%	1.48%	1.20%	-0.90%	3.24%	6.12%	1.74%
82		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%
83	Total Deliveries (MWh)	611,349	574,627	557,009	615,982	573,134	583,450	670,507	655,245	688,256	727,646	608,683	590,585	7,456,474
84	MWh @ Secondary Service	142,280	202,449	133,842	135,774	171,157	124,128	165,286	162,421	177,651	206,444	214,579	165,299	2,001,312
85	MWh @ Primary Service	7,228	-1,706	23,355	17,068	15,732	6,210	7,931	12,283	10,517	-8,332	27,567	49,276	167,129
86	MWh @ Transmission Service	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	925,758	850,829	805,161	9,624,915
87														
88	Non-Coincident Demand (%)													
89	% @ Secondary Service	0.2726%	0.2756%	0.2882%	0.2834%	0.2835%	0.2814%	0.2706%	0.2732%	0.2741%	0.2787%	0.2827%	0.2782%	0.2783%
90	% @ Primary Service	0.2109%	0.1924%	0.2153%	0.2399%	0.2104%	0.1644%	0.2149%	0.2092%	0.2161%	0.2183%	0.2164%	0.2043%	0.2098%
91	% @ Transmission Service	0.2224%	0.3224%	0.1550%	0.2163%	0.1659%	0.1803%	0.2274%	0.2054%	0.2073%	0.0377%	0.1613%	0.1310%	0.1758%
92														
93														

Section 3.3.3 San Diego Gas & Electric												
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015												
Line	No.	Line	No.	Line	No.	Line	No.	Line	No.	Line	No.	Line
94	94	94	94	94	94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100	100	100	100
101	101	101	101	101	101	101	101	101	101	101	101	101
102	102	102	102	102	102	102	102	102	102	102	102	102
103	103	103	103	103	103	103	103	103	103	103	103	103
104	104	104	104	104	104	104	104	104	104	104	104	104
105	105	105	105	105	105	105	105	105	105	105	105	105
106	106	106	106	106	106	106	106	106	106	106	106	106
107	107	107	107	107	107	107	107	107	107	107	107	107
108	108	108	108	108	108	108	108	108	108	108	108	108
109	109	109	109	109	109	109	109	109	109	109	109	109
110	110	110	110	110	110	110	110	110	110	110	110	110
111	111	111	111	111	111	111	111	111	111	111	111	111
112	112	112	112	112	112	112	112	112	112	112	112	112
113	113	113	113	113	113	113	113	113	113	113	113	113
114	114	114	114	114	114	114	114	114	114	114	114	114
115	115	115	115	115	115	115	115	115	115	115	115	115
116	116	116	116	116	116	116	116	116	116	116	116	116
117	117	117	117	117	117	117	117	117	117	117	117	117
118	118	118	118	118	118	118	118	118	118	118	118	118
119	119	119	119	119	119	119	119	119	119	119	119	119
120	120	120	120	120	120	120	120	120	120	120	120	120
121	121	121	121	121	121	121	121	121	121	121	121	121
122	122	122	122	122	122	122	122	122	122	122	122	122
123	123	123	123	123	123	123	123	123	123	123	123	123
124	124	124	124	124	124	124	124	124	124	124	124	124
125	125	125	125	125	125	125	125	125	125	125	125	125
126	126	126	126	126	126	126	126	126	126	126	126	126
127	127	127	127	127	127	127	127	127	127	127	127	127
128	128	128	128	128	128	128	128	128	128	128	128	128
129	129	129	129	129	129	129	129	129	129	129	129	129
130	130	130	130	130	130	130	130	130	130	130	130	130
131	131	131	131	131	131	131	131	131	131	131	131	131
132	132	132	132	132	132	132	132	132	132	132	132	132
133	133	133	133	133	133	133	133	133	133	133	133	133
134	134	134	134	134	134	134	134	134	134	134	134	134
135	135	135	135	135	135	135	135	135	135	135	135	135
136	136	136	136	136	136	136	136	136	136	136	136	136
137	137	137	137	137	137	137	137	137	137	137	137	137

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San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015													Line	
No.													No.	
138	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	138
139	MWh @ Secondary Service	9,984	8,256	8,002	10,260	5,453	-7,213	31,705	9,402	9,288	12,787	9,659	11,520	139
140	MWh @ Primary Service	55,145	46,529	55,302	53,072	50,364	41,398	62,096	52,699	48,082	68,348	59,581	53,163	140
141	MWh @ Transmission Service	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	81,135	69,240	64,683	141
142	Non-Coincident Demand (%)	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	142
143	% @ Secondary Service	0.2342%	0.1486%	0.1624%	0.1951%	0.1203%	0.0178%	0.1620%	0.2050%	0.1497%	0.2414%	0.1468%	0.2238%	143
144	% @ Primary Service	0.1617%	0.1619%	0.1740%	0.1863%	0.1561%	0.1706%	0.1794%	0.1926%	0.1867%	0.1752%	0.1641%	0.1818%	144
145	Non-Coincident Demand (MW)													145
146	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	146
147	MW @ Primary Service	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	147
148	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	148
149	Transmission Level Adjustment Factor	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	149
150	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	150
151	MW @ Primary Service	23.383	12.269	12.994	20.017	6.560	-1.284	51.361	19.274	13.904	30.868	14.179	25.782	151
152	MW @ Secondary Service	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	152
153	MW @ Transmission Service	23.640	12.404	13.137	20.237	6.632	-1.298	51.926	19.486	14.057	31.207	14.335	26.065	153
154	Transmission Level Adjustment Factor	89.169	75.330	96.225	98.874	78.618	70.625	111.400	101.498	89.769	119.746	97.773	96.650	154
155	Non-Coincident Demand @ Transmission Level	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	155
156	MW @ Primary Service	89.748	75.820	96.850	99.512	79.128	71.084	112.124	102.158	90.352	120.524	98.408	97.278	156
157	MW @ Secondary Service	112.552	87.599	109.219	118.891	85.179	69.341	162.712	120.772	103.673	150.613	111.952	122.432	157
158	MW @ Transmission Service	113.389	88.223	109.988	119.754	85.761	69.786	164.050	121.644	104.410	151.731	112.744	123.344	158
159	Coincident Peak Demand (%)													159
160	% @ 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%	160
161	% @ Primary Service	0.1169%	0.1305%	0.1329%	0.1207%	0.1713%	0.2041%	0.1612%	0.1414%	0.1217%	0.1280%	0.0968%	0.1251%	161
162	% @ Transmission Service	0.1155%	0.1437%	0.1317%	0.1383%	0.1136%	0.1274%	0.1548%	0.1623%	0.1481%	0.1487%	0.1457%	0.1630%	162
163	Coincident Peak Demand (MW)													163
164	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	164
165	MW @ Primary Service	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	165
166	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	166
167	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	167
168	MW @ Secondary Service	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	168
169	MW @ Primary 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	169
170	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	170
171	Transmission Level Adjustment Factor	11.672	10.774	10.634	12.384	9.342	-14.722	51.108	13.295	11.304	16.367	9.350	14.412	171
172	MW @ Primary Service	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	172
173	MW @ Transmission Service	11.800	10.893	10.751	12.520	9.444	-14.884	51.670	13.441	11.428	16.547	9.453	14.570	173
174	Coincident Peak Demand @ Transmission Level	63.692	66.862	72.832	73.399	57.213	52.741	96.124	85.530	71.209	101.634	86.810	86.656	174
175	MW @ Primary Service	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	175
176	MW @ Secondary Service	64.106	67.297	73.306	73.876	57.585	53.084	96.749	86.086	71.672	102.294	87.374	87.219	176
177	MW @ Transmission Service	75.364	77.636	83.466	85.783	66.555	38.019	147.232	98.825	82.513	118.001	96.160	107.656	177
178	Transmission Level Adjustment Factor	75.906	78.189	84.057	86.396	67.029	38.200	148.419	99.527	83.100	118.842	96.827	101.789	178
179	Coincident Peak Demand @ Transmission Level													179
180	MW @ Primary Service													180
181	MW @ Secondary Service													181
182	MW @ Transmission Service													182
183	Rate Schedule Billing Determinants													183
184	Agriculture													184
185														185
186														186

Section 3.3.3
San Diego Gas & Electric

FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2015 - December 2015													Line		
No.	Schedule PA-T-1:	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	No.
187	Total Deliveries (MWh)	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	187
188	Total Deliveries (%)	94.63%	78.27%	83.89%	86.55%	98.14%	90.28%	92.57%	40.24%	99.97%	67.33%	85.64%	82.87%	77.48%	189
189	% @ Secondary Service	5.37%	21.73%	16.11%	13.45%	1.86%	9.72%	7.43%	59.76%	0.03%	32.67%	14.36%	17.13%	22.52%	191
190	% @ Primary 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%	192
191	% @ Transmission Service	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%	193
192	Total Deliveries (MWh)	11,835	12,958	12,891	16,840	15,747	14,323	17,730	17,830	17,334	17,502	10,429	15,269	180,689	194
193	MWh @ Secondary Service	672	3,597	2,476	2,617	298	1,542	1,423	26,479	5	8,493	1,749	3,156	52,507	195
194	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0	196
195	MWh @ Transmission Service	12,506	16,555	15,367	19,457	16,045	15,866	19,154	44,309	17,339	25,995	12,178	18,425	233,196	197
196	Non-Coincident Demand (%)	0.5244%	0.4387%	0.4382%	0.3850%	0.3815%	0.4172%	0.3710%	0.3812%	0.3713%	0.3843%	0.4603%	0.4396%	0.4099%	200
197	% @ Secondary Service	-2.2172%	0.2718%	0.3699%	0.3627%	1.8096%	0.4834%	0.5208%	0.2058%	122.1367%	0.3326%	0.6172%	0.4805%	0.2855%	201
198	% @ Primary 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%	202
199	% @ 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%	203
200	Non-Coincident Demand (MW)	62.062	56.846	56.489	64.834	60.074	59.757	65.780	67.967	64.361	67.261	48.006	67.122	740.561	204
201	MW @ Secondary Service	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	205
202	Transmission Level Adjustment Factor	65.010	59.546	59.173	67.914	62.928	62.596	68.905	71.195	67.419	70.456	50.287	70.310	775.738	206
203	Non-Coincident Demand @ Transmission Level	-14.891	9.778	9.157	9.492	5.401	7.455	7.412	54.493	6.353	28.246	10.793	15.166	148.855	207
204	MW @ Primary Service	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	208
205	Transmission Level Adjustment Factor	-15.054	9.886	9.258	9.596	5.460	7.537	7.493	55.093	6.423	28.557	10.912	15.332	150.492	209
206	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	210
207	MW @ Primary Service	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	211
208	Transmission Level Adjustment Factor	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	212
209	Non-Coincident Demand @ Transmission Level	47.171	66.624	65.647	74.326	65.475	67.212	73.192	122.460	70.715	95.507	58.800	82.287	889.416	213
210	MW @ Primary Service	49.955	69.432	68.431	77.510	68.388	70.132	76.398	126.288	73.842	99.013	61.199	85.642	926.230	214
211	Non-Coincident Demand @ Meter Level	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	215
212	Schedule S: Standby Determinants:	9.542	9.542	8.944	8.944	8.969	9.103	9.041	8.8917	8.8127	8.813	9.665	9.776	110.043	216
213	Contracted Standby Demand (MW)	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	1.0475	217
214	MW @ Secondary Service	9.995	9.995	9.369	9.369	9.395	9.535	9.470	9.314	9.231	9.232	10.124	10.240	115.270	218
215	Transmission Level Adjustment Factor	102.094	102.069	102.06	102.032	102.037	98.984	97.591	99.087	102.464	99.19	99.412	99.403	1,206.423	219
216	MW @ Primary Service	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	1.0110	220
217	Transmission Level Adjustment Factor	103.217	103.192	103.183	103.154	103.159	100.073	98.665	100.177	103.591	100.281	100.506	100.496	1,219.694	221
218	Standby Demand @ Transmission Level	58.81	58.726	58.757	58.799	58.189	58.217	60.904	60.832	60.916	62.416	62.575	62.789	721.930	222
219	MW @ Transmission Service	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	1.0065	223
220	Transmission Level Adjustment Factor	59.19	59.11	59.14	59.18	58.57	58.60	61.30	61.23	61.31	62.82	62.98	63.20	726.623	224
221	Standby Demand @ Transmission Level	170.83	170.72	170.14292	170.15719	169.57323	166.68241	167.93188	169.20611	172.58865	170.8247	172.05874	172.37613	2,043.089	225
222	Standby Demand @ Meter Level	172.405	172.295	171.690	171.704	171.122	168.204	169.435	170.718	174.134	172.334	173.611	173.934	2,061.587	226
223	Standby Demand @ Transmission Level														227
224															228
225															229
226															230
227															231
228															232
229															233
230															234

Section 3.3.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 4 Annual Transmission Formulate Rate Filing

SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)

For the Rate Effective Period January 2015 - December 2015

Billing Determinants @ Transmission Level

12-Month True-Up Period (1/1/2015 - 12/31/2015)

Line No.	Customer Classes	(A) Jan-15		(B) Feb-15		(C) Mar-15		(D) Apr-15		(E) May-15		(F) Jun-15		(G) 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	686,056,782		561,248,661		548,633,374		524,228,737		529,598,337		534,742,754		3,384,508,645	-
2															2
3	Small Commercial ²	166,549,104		152,189,260		159,872,276		165,054,066		155,098,294		157,990,171		956,753,171	-
4															3
5	Medium-Large Commercial ³	859,823,685	2,192,441	863,942,087	2,148,830	809,394,841	2,133,543	866,213,340	2,329,791	849,263,727	2,192,901	778,742,017	2,021,204	5,027,379,696	13,018,710
6															4
7	Agricultural Customers ⁴	18,088,164	49,955	23,667,278	69,432	22,221,862	68,431	28,642,163	77,510	24,584,180	68,388	24,676,618	70,132	141,880,264	403,848
8															5
9	Street Lighting ⁵	5,681,030		11,319,866		8,223,512		8,997,019		5,097,735		7,398,335		46,717,499	-
10															8
11	Salv for Resale ⁶	7,458		460		3,395		6,764		4,492		574		23,143	-
12															10
13	Standby Customers ⁷		172,405		172,295		171,690		171,704		171,122		168,204		11
14															12
15	TOTAL	1,736,206,223	2,414,801	1,612,367,611	2,390,557	1,548,349,260	2,373,665	1,593,142,089	2,579,005	1,563,646,764	2,432,410	1,503,550,469	2,259,540	9,557,262,417	14,449,978
															13
															14
															15
	Notes:														
1	See Section 3.3.3; Page 10-1; Line 5 x 1000.														
2	See Section 3.3.3; Page 10-1; Line 9 x 1000.														
3	See Section 3.3.3; Pages 10-1; 10-2; 10-3; 10-4; (Lines 13, 17, and 21) x 1000; (Lines 70, 103, and 153) x 1000.														
4	See Section 3.3.3; Page 10-1 & 10-5; (Lines 25 and 29) x 1000; Line 206 x 1000.														
5	See Section 3.3.3; Page 10-1; Line 33 x 1000.														
6	See Section 3.3.3; Page 10-1; Line 35 x 1000.														
7	See Section 3.3.3; Page 10-5; Line 219 x 1000.														

Section 3.3.3																		
SAN DIEGO GAS AND ELECTRIC COMPANY																		
T04-Cycle 4 Annual Transmission Formulaic Rate Filing																		
SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)																		
For the Rate Effective Period January 2015 - December 2015																		
Billing Determinants @ Transmission Level																		
12-Month True-Up Period (1/1/2015 - 12/31/2015)																		
Line No.	Customer Classes	(H) Jul-15		(I) Aug-15		(J) Sep-15		(K) Oct-15		(L) Nov-15		(M) Dec-15		(N) Sub-Total		(O) Grand 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)	Energy (kWh)	Demand (kW)	
1	Residential Customers ¹	627,831,261	686,011,615	814,803,493	755,555,386	613,472,411	609,544,772	4,107,018,939	-	-	7,491,527,584	-	-	-	-	-	-	1
2	Small Commercial ²	177,296,827	179,949,464	193,219,105	188,399,527	165,793,935	153,941,539	1,058,600,395	-	-	2,015,553,566	-	-	-	-	-	-	2
3	Medium-Large Commercial ³	975,589,328	928,584,835	2,380,681	2,507,060	1,047,870,920	2,745,075	957,397,624	2,444,088	2,263,213	5,786,502,494	14,797,015	10,813,882,190	27,815,725	5	5	27,815,725	5
4	Agricultural Customers ⁴	29,306,777	76,398	55,191,149	73,842	36,044,471	99,013	21,280,257	61,199	26,851,728	85,642	196,706,512	522,382	338,586,776	7	7	926,230	7
5	Street Lighting ⁵	9,563,513	5,037,816	8,551,150	5,409,293	8,180,407	10,439,621	47,181,800	-	-	93,899,298	-	-	-	9	9	-	9
6	Sale for Resale ⁶	1,533	535	536	525	565	3,676	7,370	-	-	30,513	-	-	-	10	10	-	10
7	Standby Customers ⁷	169,435	170,718	174,134	172,334	173,611	173,934	173,934	-	-	1,034,167	-	-	2,061,587	11	11	-	11
8	TOTAL	1,819,589,239	2,702,731	1,854,775,414	2,677,687	2,016,763,334	2,755,036	2,033,080,123	3,016,422	1,766,125,199	2,678,899	1,705,684,201	2,522,789	11,196,017,510	12	12	20,753,279,927	12
9	TOTAL														13	13		13
10	TOTAL														14	14		14
11	TOTAL														15	15		15
12	TOTAL																	
13	TOTAL																	
14	TOTAL																	
15	TOTAL																	
Notes:																		
1	See Section 3.3.3; Page 10.1; Line 5 x 1000.																	
2	See Section 3.3.3; Page 10.1; Line 9 x 1000.																	
3	See Section 3.3.3; Pages 10.1; 10.2; 10.3; 10.4; (Lines 13, 17, and 21) x 1000; (Lines 70, 103, and 153) x 1000.																	
4	See Section 3.3.3; Page 10.1 & 10.5; (Lines 25 and 29) x 1000; Line 206 x 1000.																	
5	See Section 3.3.3; Page 10.1; Line 33 x 1000.																	
6	See Section 3.3.3; Page 10.1; Line 35 x 1000.																	
7	See Section 3.3.3; Page 10.5; Line 219 x 1000.																	

Section 3.3.3				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing				
SUMMARY of the Wholesale True-Up Revenues (TU Cost of Service)				
For the Rate Effective Period January 2015 - December 2015				
Total Billing Determinants @ Transmission Level				
12-Month True-Up Period (1/1/2015 - 12/31/2015)				
	(M)			
	12 Months to Date			
Line No.	Customer Classes	Billing Determinants @ Transmission Level	Line No.	
		Energy (kWh)	Demand (kW)	
1	Residential Customers	7,491,527,584	-	1
2				2
3	Small Commercial	2,015,353,566	-	3
4				4
5	Medium-Large Commercial	10,813,882,190	27,815,725	5
6				6
7	Agricultural	338,586,776	926,230	7
8				8
9	Street Lighting	93,899,298	-	9
10				10
11	Sale for Resale	30,513	-	11
12				12
13	Standby Customers	-	2,061,587	13
14				14
15	TOTAL	20,753,279,927	30,803,542	15

Section 3.3.3		Section 3.3.3		Section 3.3.3		Section 3.3.3	
		SAN DIEGO GAS AND ELECTRIC COMPANY		SAN DIEGO GAS AND ELECTRIC COMPANY		SAN DIEGO GAS AND ELECTRIC COMPANY	
		TO4-Cycle 4 Annual Transmission Formulaic Rate Filing		TO4-Cycle 4 Annual Transmission Formulaic Rate Filing		TO4-Cycle 4 Annual Transmission Formulaic Rate Filing	
		WHOLESALE - Rate Design Information		WHOLESALE - Rate Design Information		WHOLESALE - Rate Design Information	
		Summary of TO4-CYCLE-4 Wholesale Transmission Rates Based on Wholesale Cost of Service for the True-Up Period		Summary of TO4-CYCLE-4 Wholesale Transmission Rates Based on Wholesale Cost of Service for the True-Up Period		Summary of TO4-CYCLE-4 Wholesale Transmission Rates Based on Wholesale Cost of Service for the True-Up Period	
		Using the 12-Month True-Up Period Recorded Billing Determinants		Using the 12-Month True-Up Period Recorded Billing Determinants		Using the 12-Month True-Up Period Recorded 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	\$ 0.0378777221				Section 3.3.2; Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0354394391				Section 3.3.2; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) ¹		\$ 10.5918504869	\$ 10.5918504754	\$ 10.5918504785	Section 3.3.2; Page 4; Lines 33;34;35	6
7							7
8	Non-Coincident Demand (90%) ²		\$ 9.5326654382	\$ 9.5326654279	\$ 9.5326654307	Section 3.3.2; Page 5; Lines 7;8;9	8
9							9
10	Maximum On-Peak Demand ³						10
11	Summer		\$ 1.7178506909	\$ 1.7178506909	\$ 1.7178506909	Section 3.3.2; Page 6; Lines 35;36;37	11
12	Winter		\$ 0.5129660975	\$ 0.5129660975	\$ 0.5129660975	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		\$ 2.0833100032	\$ 2.0833100032	\$ -	Section 3.3.2; Page 8; Lines 35;36;37	15
16	Winter		\$ 0.5526377175	\$ 0.5526377175	\$ -	Section 3.3.2; Page 9; Lines 32;33;34	16
17							17
18	Agricultural (Schedules PA and TOU-PA)	\$ 0.0191295126				Section 3.3.2; Page 10; Line 7	18
19							19
20	Agricultural (Schedule PA-T1) ¹						20
21	Non-Coincident Demand (100%)		\$ 5.0023443346	\$ 5.0247095105	\$ 5.0247095105	Section 3.3.2; Page 11; Lines 34;35;36	21
22							22
23	Street Lighting	\$ 0.0252078561				Section 3.3.2; Page 12; Line 11	23
24							24
25	Standby Rate		\$ 5.1140719835	\$ 5.1135791226	\$ 5.1097218866	Section 3.3.2; Page 13; Lines 33;34;35	25
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, DG-R, and A6-TOU.						
3	Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, 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 4.1.1

Summary of CAISO-WHOLESALE Interest True-Up Adjustment

Docket No. ER17-____-____

**Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 3 - CAISO Wholesale**

Line No.	(a) ^b Jan-15	(b) ^b Feb-15	(c) ^b Mar-15	(d) ^b Apr-15	(e) ^b May-15	(f) ^b Jun-15	(g) ^b Jul-15	(h) ^b Aug-15
1	\$ 109,475,007	\$ 109,781,537	\$ 110,055,225	\$ 110,361,755	\$ 110,659,732	\$ 110,968,745	\$ 111,266,722	\$ 111,578,269
2								
3	Part A1: Amortization of True-Up Adjustment Balance:							
4	Total Recorded Sales kWhs @ <i>Transmission Level</i>							
5								
6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7								
8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9								
10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11								
12	Part A2: Calculation of Interest on Remaining TU Balance:							
13	Interest Expense Calculations:							
14	\$ 109,475,007	\$ 109,475,007	\$ 109,475,007	\$ 110,361,755	\$ 110,361,755	\$ 110,361,755	\$ 111,266,722	\$ 111,266,722
15								
16	109,475,007	109,475,007	109,475,007	110,361,755	110,361,755	110,361,755	111,266,722	111,266,722
17	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	0.28%
18	\$ 306,530	\$ 273,688	\$ 306,530	\$ 297,977	\$ 309,013	\$ 297,977	\$ 311,547	\$ 311,547
19								
20	\$ 109,781,537	\$ 110,055,225	\$ 110,361,755	\$ 110,659,732	\$ 110,968,745	\$ 111,266,722	\$ 111,578,269	\$ 111,889,816
21								
22	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
23	365	365	365	365	365	365	365	365
24	31	28	31	30	31	30	31	31
25	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	0.28%
26	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	0.28%
27	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28								
29								
30	NOTES:							
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, sum of column (m) (TU_2015 tab) and column (z) (TU_2016 tab) is a component of BTFR.							
b	The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period.							
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).							
d	Monthly Activity Calculated as Follows:							
	a) 1st Month of Quarter = Column (a), Line 10 Divided by 2.							
	b) 2nd Month of Quarter = Column (a), Line 10 + Column (b), Line 10 Divided by 2.							
	c) 3rd Month of Quarter = Column (a), Line 10 + Column (b), Line 10 + Column (c), Line 10 Divided by 2. Column (d), (e), (f), etc. repeats the process outlined in a), b), and c) above.							
e	The FERC interest rate information comes from the FERC website.							

**Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 3 - CAISO Wholesale**

Line No.	(Base Period Following the end of the True-Up Period)	(i) ^b Sep-15	(j) ^b Oct-15	(k) ^b Nov-15	(l) ^b Dec-15	(m) Total	Reference
1	Beginning True-Up Adjustment (Overcollection)/Undercollection^a	\$ 111,889,816	\$ 112,190,236	\$ 112,504,369	\$ 112,807,283		Previous Month's Ending Balance from Line 20
2							
3	Part A1: Amortization of True-Up Adjustment Balance:						
4	Total Recorded Sales kWhs @ Transmission Level	-	-	-	-	-	N/A for January-December 2015
5							
6	Rate per KWH @ Transmission Level	\$ -	\$ -	\$ -	\$ -		N/A for January-December 2015
7							
8	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ -	\$ -	\$ -	\$ -		Line 4 x Line 6
9							
10	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -		Minus Line 8 from Columns (a) through (l)
11							
12							
13							
14	Part A2: Calculation of Interest on Remaining TU Balance:						
14	Interest Expense Calculations:						
14	Beginning Balance for Interest Calculation ^c	\$ 111,266,722	\$ 112,190,236	\$ 112,190,236	\$ 112,190,236		Balance at Beginning of Quarter
15	Monthly Activity Included in Interest Calculation Basis ^d	-	-	-	-		
16	Basis for Interest Expense Calculation	111,266,722	112,190,236	112,190,236	112,190,236		Line 14 + Line 15
17	Monthly Interest Rate	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 26 Below
18	Interest Expense	\$ 300,420	\$ 314,133	\$ 302,914	\$ 314,133	\$ 3,646,409	Line 16 x Line 17 - Columns (a) through (l)
19							
20	Ending Balance (Overcollection)/Undercollection	\$ 112,190,236	\$ 112,504,369	\$ 112,807,283	\$ 113,121,416	\$ 113,121,416	Line 1 + Line 10 + Line 18
21							
22	FERC INTEREST RATE ^e	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website
23	Days in Year ^e	365	365	365	365	365	Number of Days Per Year from FERC Website
24	Days in Month ^e	30	31	30	31	365	Number of Days Per Month from FERC Website
25	Monthly Interest Rate - Calculated	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 22)/(Line 23)x(Line 24)
26	FERC Interest Rates - Website ^e	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate from FERC Website
27	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26
27							
	NOTES:						
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, sum of column (m) (TU, 2015 tab) and column (z) (TU, 2016 tab) is a component of BTRR.						
b	The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period.						
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).						
d	Monthly Activity Calculated as Follows:						
a)	1st Month of Quarter = Column (a), Line 10 Divided by 2.						
b)	2nd Month of Quarter = Column (a), Line 10 + (Column (b), Line 10) Divided by 2.						
c)	3rd Month of Quarter = Column (a), Line 10 + Column (b), Line 10 + (Column (c), Line 10) Divided by 2. Column (d), (e), (f), etc. repeats the process outlined in a), b), and c) above.						
e	The FERC interest rate information comes from the FERC website.						

Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 3 - CAISO Wholesale

Line No.	Rate Effective Period from Prior Cycle 3 Filing	(n) b, g	(o) b, g	(p) b, g	(q) b, g	(r) b, g	(s) b, g	(t) b, g	(u) b
1	Beginning True-Up Adjustment (Overcollection)/Undercollection^a	\$ 113,121,416	\$ 104,003,376	\$ 96,273,719	\$ 86,629,724	\$ 78,344,736	\$ 70,418,183	\$ 61,857,406	\$ 53,118,131
2									
3	Part A1: Amortization of True-Up Adjustment Balance:								
4	Total Recorded Sales kWh @ <i>Transmission Level</i>	1,656,285,491	1,404,421,588	1,740,059,328	1,497,020,413	1,431,210,767	1,537,247,930	1,566,609,679	1,851,023,579
5									
6	Rate per KWH @ <i>Transmission Level</i> ^f	\$ 0.00569	\$ 0.00569	\$ 0.00569	\$ 0.00569	\$ 0.00569	\$ 0.00569	\$ 0.00569	\$ 0.00569
7									
8	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 9,421,590	\$ 7,988,891	\$ 9,898,128	\$ 8,515,629	\$ 8,141,279	\$ 8,744,459	\$ 8,911,480	\$ 10,529,336
9									
10	Net Monthly Collection/(Refunds)	\$ (9,421,590)	\$ (7,988,891)	\$ (9,898,128)	\$ (8,515,629)	\$ (8,141,279)	\$ (8,744,459)	\$ (8,911,480)	\$ (10,529,336)
11									
12	Part A2: Calculation of Interest on Remaining TU Balance:								
13	Interest Expense Calculations:								
14	Beginning Balance for Interest Calculation ^e	\$ 113,121,416	\$ 113,121,416	\$ 113,121,416	\$ 86,629,724	\$ 86,629,724	\$ 86,629,724	\$ 61,857,406	\$ 61,857,406
15	Monthly Activity Included in Interest Calculation Basis ^d	(4,710,795)	(13,416,036)	(22,359,545)	(4,257,815)	(12,586,269)	(21,029,138)	(4,455,740)	(14,176,148)
16	Basis for Interest Expense Calculation	108,410,621	99,705,381	90,761,871	82,371,910	74,043,456	65,600,587	57,401,666	47,681,258
17	Monthly Interest Rate	0.28%	0.26%	0.28%	0.28%	0.29%	0.28%	0.30%	0.30%
18	Interest Expense	\$ 303,550	\$ 259,234	\$ 254,133	\$ 230,641	\$ 214,726	\$ 183,682	\$ 172,205	\$ 143,044
19									
20	Ending Balance (Overcollection)/Undercollection	\$ 104,003,376	\$ 96,273,719	\$ 86,629,724	\$ 78,344,736	\$ 70,418,183	\$ 61,857,406	\$ 53,118,131	\$ 42,731,839
21									
22	FERC INTEREST RATE ^e	3.25%	3.25%	3.25%	3.46%	3.46%	3.46%	3.50%	3.50%
23	Days in Year ^e	366	366	366	366	366	366	366	366
24	Days in Month ^e	31	29	31	30	31	30	31	31
25	Monthly Interest Rate - Calculated	0.28%	0.26%	0.28%	0.28%	0.29%	0.28%	0.30%	0.30%
26	FERC Interest Rates - Website ^e	0.28%	0.26%	0.28%	0.28%	0.29%	0.28%	0.30%	0.30%
27	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	NOTES:								
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, sum of column (m) (TU_2015 tab) and column (z) (TU_2016 tab) is a component of BTRR.								
b	The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.								
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).								
d	Monthly Activity Calculated as Follows:								
	a) 1st Month of Quarter = Column (a), Line 10 Divided by 2.								
	b) 2nd Month of Quarter = Column (a), Line 10 + Column (b), Line 10 Divided by 2.								
	c) 3rd Month of Quarter = Column (a), Line 10 + Column (b), Line 10 + Column (c), Line 10 Divided by 2. Column (d), (e), (f), etc. repeats the process outlined in a), b), and c) above.								
e	The FERC interest rate information comes from the FERC website.								
f	The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.								
g	Indicates Actual Recorded Sales reported for the year.								
h	Annual and Monthly FERC Interest Rates for October 2016 have been temporarily updated using the increased Q3 2016 rates to derive a more accurate Interest True-Up adjustment.								

**Section 4.1.1
San Diego Gas and Electric Company
TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 3 - CAISO Wholesale**

Line No.	Rate Effective Period from Prior Cycle 3 Filing	(v) Sep-16	(w) Oct-16	(x) Nov-16	(y) Dec-16	(z) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection ^a	\$ 42,731,839	\$ 31,350,679	\$ 21,384,554	\$ 11,872,317		Previous Month's Ending Balance from Line 20	1
2								2
3	Part A1: Amortization of True-Up Adjustment Balance:							3
4	Total Recorded Sales kWh @ <i>Transmission Level</i>	2,019,467,744	1,765,898,098	1,680,645,819		18,149,890,436	Section 4.1.3; Page 1; Line 37 x 1000; Jan 2016-Dec 2016	4
5								5
6	Rate per KWH @ <i>Transmission Level</i> ^f	\$ 0.00569	\$ 0.00569	\$ 0.00569			(Line 1; Col (n)) / (Section 4.1.3; Page 1; Line 37 x 1000)	6
7							Line 4 x Line 6	7
8	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 11,487,511	\$ 10,045,109	\$ 9,560,161	\$ 11,889,719	\$ 115,133,292		8
9								9
10	Net Monthly Collection/(Refunds)	\$ (11,487,511)	\$ (10,045,109)	\$ (9,560,161)	\$ (11,889,719)	\$ (115,133,292)	Minus Line 8 from Columns (n) through (y)	10
11								11
12	Part A2: Calculation of Interest on Remaining TU Balance:							12
13	Interest Expense Calculations:							13
14	Beginning Balance for Interest Calculation ^c	\$ 61,857,406	\$ 31,350,679	\$ 31,350,679	\$ 31,350,679		Balance at Beginning of Quarter	14
15	Monthly Activity Included in Interest Calculation Basis ^d	(25,184,572)	(5,022,555)	(14,825,190)	(25,550,130)			15
16	Basis for Interest Expense Calculation	36,672,835	26,328,125	16,525,490	5,800,550		Line 14 + Line 15	16
17	Monthly Interest Rate	0.29%	0.30%	0.29%	0.30%		FERC Monthly Rates From Line 26 Below	17
18	Interest Expense	\$ 106,351	\$ 78,984	\$ 47,924	\$ 17,402	\$ 2,011,876	Line 16 x Line 17 - Columns (n) through (y) + Column (m)	18
19								19
20	Ending Balance (Overcollection)/Undercollection	\$ 31,350,679	\$ 21,384,554	\$ 11,872,317	\$ -	\$ -	Line 1 (col. n) + Line 10 (col. z) + Line 18 (col. z)	20
21								21
22	FERC INTEREST RATE ^e	3.50%	3.50%	3.50%	3.50%		Annual Interest Rate from FERC Website ^h	22
23	Days in Year ^e	366	366	366	366	366	Number of Days Per Year from FERC Website	23
24	Days in Month ^e	30	31	30	31	366	Number of Days Per Month from FERC Website	24
25	Monthly Interest Rate - Calculated	0.29%	0.30%	0.29%	0.30%	3.45%	(Line 22)/(Line 23)(Line 24)	25
26	FERC Interest Rates - Website ^e	0.29%	0.30%	0.29%	0.30%	3.45%	Monthly Interest Rate from FERC Website ^h	26
27	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26	27
	NOTES:							
	a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, sum of column (m) (TU_2015 tab) and column (z) (TU_2016 tab) is a component of BTRR.							
	b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.							
	c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).							
	d <u>Monthly Activity Calculated as Follows:</u>							
	a) 1st Month of Quarter = Column (a), Line 10 Divided by 2.							
	b) 2nd Month of Quarter = Column (a), Line 10 + (Column (b), Line 10 Divided by 2).							
	c) 3rd Month of Quarter = Column (a), Line 10 + Column (b), Line 10 + (Column (c), Line 10 + (Column (d), (e), (f), etc. repeats the process outlined in a), b), and c) above.							
	e The FERC interest rate information comes from the FERC website.							
	f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.							
	g Indicates Actual Recorded consumption reported for the year.							
	h Annual and Monthly FERC Interest Rates for October 2016 through December 2016 have been temporarily updated using the increased Q3 2016 rates to derive a more accurate Interest True-Up adjustment.							

San Diego Gas & Electric Company

Section 4.1.2

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

Docket No. ER17-____-____

Section 4.1.2
 San Diego Gas and Electric Company
 TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
 Derivation of Amortization Rate for TO4-Cycle 3 12-Month True-Up - CAISO Wholesale

Line No.	Description	(a) Total	(b) Jan-16	(c) Feb-16	(d) Mar-16	(e) Apr-16	(f) May-16	(g) Jun-16	(h) Jul-16
1	Derivation of Amortization Rate for TO4-Cycle 3:								
2	Beginning Balance (Overcollection)/Undercollection	\$ 113,121,416							
3	Includes Accrued Interest from January 2015 - December 2015								
4									
5	Estimated Consumption Jan 16-Dec 16 @ <i>Transmission Level</i> :	19,886,383,438	1,656,285,491	1,404,421,588	1,740,059,328	1,497,020,413	1,431,210,767	1,537,247,930	1,566,609,679
6									
7	Total Consumption (kWh) - <i>Transmission Level</i> :	19,886,383,438							
8									
9	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00569							
10									

Section 4.1.2
 San Diego Gas and Electric Company
 TO4-Cycle 4 Annual Transmission Formulaic Rate Filing
 Derivation of Amortization Rate for TO4-Cycle 3 12-Month True-Up - CAISO Wholesale

Line No.	Description	(a) Total	(i) Aug-16	(j) Sep-16	(k) Oct-16	(l) Nov-16	(m) Dec-16	Reference	Line No.
1	Derivation of Amortization Rate for TO4-Cycle 3:								1
2	Beginning Balance (Overcollection)/Undercollection	\$ 113,121,416							2
3	Includes Accrued Interest from January 2015 - December 2015							Section 4.1.1; Pg. 2-A; col. n; Line 1 TO4-Cycle 4 Instant Filing;	3
4								TU Adjustment + Interest	4
5	Estimated Consumption Jan 16-Dec 16 @ <i>Transmission Level</i> :	19,886,383,438	1,851,023,579	2,019,467,744	1,765,898,098	1,680,645,819	1,736,493,002	Section 4.1.3; Pages 1; Line 37	5
6									6
7	Total Consumption (kWh) - <i>Transmission Level</i> :	19,886,383,438						Line 5	7
8									8
9	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00569						Line 2 / Line 7	9
10									10

San Diego Gas & Electric Company

Section 4.1.3

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

Docket No. ER17-____-____

SECTION 4.1.3														
San Diego Gas & Electric Company														
FERC Forecast Consumption Converted from Retail Level to Transmission Level														
FERC Forecast Period: January 2016 - December 2016														
Line No.		Recorded ^a Jan-16	Recorded ^a Feb-16	Recorded ^a Mar-16	Recorded ^a Apr-16	Recorded ^a May-16	Recorded ^a Jun-16	Recorded ^a Jul-16	Forecast ^a Aug-16	Forecast ^a Sep-16	Forecast ^a Oct-16	Forecast ^a Nov-16	Forecast ^a Dec-16	Line No.
1	SDG&E System Delivery Determinants													1
2	Customer Class Deliveries (MWh)	664,377	543,082	483,029	468,679	461,031	493,972	599,837	682,833	758,416	633,833	595,422	678,356	2
3	Residential	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	3
4	Transmission Level Adjustment Factor	695,935	568,879	505,973	490,941	482,930	517,436	628,329	715,268	794,441	663,940	623,705	710,578	4
5	Residential @ Transmission Level													5
6														6
7	Small Commercial	148,880	127,165	166,698	141,217	163,113	174,109	163,158	171,202	184,873	164,655	154,757	156,347	7
8	Transmission Level Adjustment Factor	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	8
9	Small Commercial @ Transmission Level	155,951	133,205	174,616	147,925	170,860	182,380	170,908	179,334	193,654	172,476	162,108	163,773	9
10														10
11	Med. & Large Comm./Ind. (AD + PA-T-1)	2,818	2,500	2,995	2,695	2,560	2,715	2,830	3,208	3,517	3,117	2,884	2,791	11
12	Transmission Level Adjustment Factor	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	12
13	Med&Lrg C/I (AD + PA-T-1)@Trans. Level	2,922	2,592	3,106	2,794	2,655	2,815	2,934	3,327	3,646	3,232	2,991	2,894	13
14														14
15	Med. & Large Comm./Ind. (AY + AL + DGR)	698,326	604,202	876,701	718,289	649,516	708,264	645,054	815,255	878,846	794,380	758,472	733,309	15
16	Transmission Level Adjustment Factor	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	16
17	Med&Lrg C/I (AY + AL + DGR)@Trans Level	724,111	626,512	909,073	744,812	673,499	734,416	668,873	845,358	911,297	823,712	786,478	760,386	17
18														18
19	Med. & Large Comm./Ind. (A6)	46,697	43,116	113,529	71,530	67,142	64,283	59,255	62,864	69,024	61,179	68,307	65,975	19
20	Transmission Level Adjustment Factor	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	1,03692	20
21	Med. & Large Comm./Ind. (A6) @ Trans Level	48,421	44,708	117,721	74,172	69,621	66,657	61,443	65,186	71,572	63,438	70,829	68,411	21
22														22
23	Agriculture (PA + TOU-PA)	4,818	5,690	6,216	6,607	7,401	8,665	10,126	9,161	9,770	8,158	6,725	5,407	23
24	Transmission Level Adjustment Factor	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	24
25	Agriculture (PA + TOU-PA) @ Trans Level	5,026	5,937	6,485	6,893	7,721	9,041	10,564	9,557	10,193	8,511	7,016	5,641	25
26														26
27	Agriculture (PA-T-1)	17,772	14,986	15,077	21,080	15,232	16,796	15,329	24,236	25,455	21,861	18,803	15,922	27
28	Transmission Level Adjustment Factor	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	1,04329	28
29	Agriculture (PA-T-1) @ Trans Level	18,541	15,635	15,730	21,993	15,891	17,523	15,993	25,285	26,557	22,808	19,617	16,611	29
30														30
31	Lighting	5,134	6,639	7,022	7,151	7,670	6,664	7,223	7,360	7,738	7,429	7,543	7,827	31
32	Transmission Level Adjustment Factor	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	1,04750	32
33	Street Lighting @ Transmission Level	5,378	6,955	7,355	7,491	8,034	6,980	7,566	7,710	8,106	7,782	7,902	8,199	33
34														34
35	Sale for Resale	60	6.2	6.0	9.2	10.4	9.8	10.3	3.0	3.2	3.0	3.1	3.2	35
36	Total System Delivery@Meter Exclude Resale	1,588,820	1,347,380	1,671,268	1,437,249	1,373,663	1,475,469	1,502,812	1,776,119	1,937,640	1,694,611	1,612,914	1,665,933	36
37	Total System Delivery@Trans. Exclude Resale	1,656,285	1,404,422	1,740,059	1,497,020	1,431,211	1,537,248	1,566,610	1,851,024	2,019,468	1,765,898	1,680,646	1,736,493	37
a	Per TO4 Formula Appendix VIII, the September 1st Forecast is to be comprised of 7 months Actual consumption and 5 months Forecasted consumption to derive the interest true-up adjustment.													