

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Triennial Cost Allocation Proceeding Phase 1
Application of Southern California Gas Company
(U 904 G) and San Diego Gas & Electric Company
(U 902 G) for Authority to Revise Their Rates
Effective January 1, 2016

Application 14-12-017
(Filed December 18, 2014)

**SOUTHERN CALIFORNIA GAS COMPANY (U 904 G) AND
SAN DIEGO GAS & ELECTRIC COMPANY (U 902 G)
RESPONSE TO RULINGS REQUESTING INFORMATION**

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April 3, 2015

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Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) hereby respond to two recent rulings from Administrative Law Judge (ALJ) Wilson requesting additional information from SoCalGas and SDG&E.

The Ruling Requesting Information issued by ALJ Wilson on March 10, 2015 (First Ruling) provides as follows:

I request that SoCalGas and SDG&E provide all test period rates, revenues, costs, allocations, and capacities in the current Triennial Cost Allocation Proceeding, based on the methods prescribed in D.11-06-017 and D.14-06-007, in both tables and text. The associated testimony served on April 3, 2015 shall include support for the filed and served tables and text.

The information being provided by SoCalGas and SDG&E is for comparison purposes to its request only, will not trigger a new protest or response period, and does not change SoCalGas' and SDG&E's request. The tables provided by SoCalGas and SDG&E shall be titled "NOT REQUEST OF UTILITIES – Rates/Allocations/Capacities for the Test Period in A.14-12-017 pursuant to Decision (D.)11-06-017 and D.14-06-007".¹

¹ First Ruling at 1. In accordance with the First Ruling, SoCalGas and SDG&E are also concurrently serving supplemental testimony that provides the requested information.

A Ruling Requesting Further Information issued by ALJ Wilson on March 16, 2015

(Second Ruling) provides as follows:

I am issuing this Ruling Requesting Information of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) in an effort to clarify costs provided in the current application (A.14-12-017) versus those provided in the General Rate Cases (GRC) A.14-11-003 and A.14-11-004.

Questions are as follows:

1. Provide a breakdown by application number, year, account number and type of expense, for all storage costs being requested in A.14-11-003 and A.14-11-004.
2. Using the same breakdown as in Question 1, provide a breakdown by application number, year, account number and type of expense, for all storage costs being requested in A.14-12-017.
3. Explain all differences between the responses to Questions 1 and 2.
4. Explain whether, and if so, how, the requests in A.14-12-017, duplicate, compliment or are incremental to the requests in A.14-11-003 and A.14-11-004.
5. Explain how events/resolution of A.14-11-003 and A.14-11-004 may affect your request in A.14-12-017.
6. Explain reasons why the rates proposed in Phase 1 of A14-12-017 are increasing by approximately \$3.8 million as compared to revenues at present rates.²

Responses to both the First Ruling and Second Ruling are due by April 3, 2015.³

I. RESPONSE TO FIRST RULING

A. ALLOCATION OF STORAGE COSTS UNDER CURRENT COST ALLOCATION METHODOLOGY

Table 1 shows the current allocation of storage capacities, while Table 2 shows the proposed allocation of storage capacities. In addition to increasing the allocations of firm

² Second Ruling at 1.

³ First Ruling at 1; Second Ruling at 1.

injection and withdrawal to the balancing function, Mr. Watson proposed in his Prepared Direct Testimony to establish reduced allocations of off-cycle firm capacities (winter injection and summer withdrawal), which more closely reflect the firm capacity realities of those functions.

Table 1: Current Storage Capacity Allocations (MMcf/d)

	Bcf	Withdrawal	Injection
Total	137.1	3195	850
Balancing	4.2	340	200
Core	83	2225	388
Unbundled	49.9	630	262

Table 2: Proposed Storage Capacity Allocations (MMcf/d)

	Bcf	Withdrawal Winter	Withdrawal Summer	Injection 2016 Summer	Injection 2017-2019 Summer	Injection 2016 Winter	Injection 2017-19 Winter
Total	138.1	3175	1812	770	915	390	535
Balancing	5.1	525	525	200	345	200	345
Core	83	2225	1081	388	388	190	190
Unbundled	50	425	206	182	182	0	0

The results of applying the existing storage cost allocation methodology to the proposed storage capacities are presented in Table 3. Consistent with D.14-06-007, total storage costs were distributed one-third to the inventory function, one-third to injection function, and one-third to the withdrawal function. These functionalized storage costs are then allocated to the core, balancing, and unbundled storage functions using the proposed capacities shown in Table 2. However, since the current methodology does not make a distinction between on-cycle and off-cycle firm capacities, it was assumed that the winter withdrawal capacities and summer injection capacities (“on-cycle”) in Table 2 were in fact annualized capacities, similar to Table 1.

Table 3: Costs By Functions – Not the Proposal of SoCalGas and SDG&E

	2016 \$MM	2017-2019 \$MM
Core	\$57.90	\$63.62
Balancing	\$14.81	\$21.35
Unbundled	\$23.48	\$25.61
Total	\$96.19	\$110.58

This information is also provided in the Prepared Supplemental Testimony of Steve Watson that SoCalGas and SDG&E are concurrently serving with this response.

B. RATE IMPACTS OF ALLOCATING STORAGE COSTS UNDER CURRENT METHODOLOGY

SoCalGas and SDG&E have allocated the functionalized storage costs that would result using the existing authorized storage cost allocation method to customer rate classes in a manner that is consistent with existing authorized cost allocation methods for allocating functionalized storage costs to rate classes as authorized in D.14-06-007. Attachment A to this Response includes the rates and revenues that would result from the current allocation methodology. Table 4 below compares the results of the rate analyses using the allocation of storage costs under both methods.

TABLE 4
Comparison of Impact on Transportation Rates
\$/therm

	Current 2016 Allocation of Capacities & Costs, no Aliso	Proposed 2016 Allocation of Capacities & Costs, no Aliso	Change from Current \$/therm	% Change from Current	Current 2017 thru 2019 w/Aliso	Proposed 2017 thru 2019 w/Aliso	Change from Current \$/therm	% Change from Current
	A	B	C	D	E	F	G	H
<u>SoCalGas Rates:</u>								
Residential Residential class average bill \$/month	\$0.664	\$0.663	(\$0.000)	-0.04%	\$0.666	\$0.666	(\$0.000)	-0.03%
Core C&I	\$46.77	\$46.76	(\$0.011)	-0.02%	\$46.85	\$46.84	(\$0.008)	-0.02%
NGV (uncompressed)	\$0.308	\$0.313	\$0.005	1.5%	\$0.310	\$0.315	\$0.005	1.6%
NonCore C&I Class Average Distribution	\$0.094	\$0.096	\$0.002	1.7%	\$0.095	\$0.097	\$0.002	1.7%
EG-Distribution - Tier 1	\$0.067	\$0.068	\$0.001	0.8%	\$0.068	\$0.068	\$0.001	0.8%
EG-Distribution - Tier 2	\$0.086	\$0.087	\$0.000	0.5%	\$0.087	\$0.087	\$0.000	0.6%
TLS-CI CA Rate	\$0.032	\$0.032	\$0.001	1.9%	\$0.032	\$0.033	\$0.001	1.9%
TLS-EG CA Rate	\$0.015	\$0.015	\$0.001	4.3%	\$0.015	\$0.016	\$0.001	4.1%
Backbone Transmission Service \$/dth/day	\$0.014	\$0.014	\$0.001	4.6%	\$0.014	\$0.015	\$0.001	4.4%
	\$0.154	\$0.154	\$0.000	0.0%	\$0.154	\$0.154	\$0.000	0.0%
<u>SDG&E Gas Rates:</u>								
Residential Residential class average bill \$/month	\$0.804	\$0.805	\$0.001	0.1%	\$0.806	\$0.807	\$0.001	0.1%
Core C&I	\$36.85	\$36.87	\$0.020	0.1%	\$36.90	\$36.92	\$0.023	0.1%
NGV (uncompressed)	\$0.244	\$0.245	\$0.001	0.3%	\$0.246	\$0.247	\$0.001	0.3%
NonCore C&I Class Average Distribution	\$0.102	\$0.103	\$0.002	1.5%	\$0.103	\$0.104	\$0.002	1.6%
EG-Distribution - Tier 1	\$0.063	\$0.064	\$0.001	1.0%	\$0.064	\$0.065	\$0.001	1.0%
EG-Distribution - Tier 2	\$0.088	\$0.088	\$0.000	0.5%	\$0.088	\$0.089	\$0.000	0.6%
TLS-CI CA Rate	\$0.033	\$0.033	\$0.001	1.9%	\$0.033	\$0.034	\$0.001	1.9%
TLS-EG CA Rate	\$0.022	\$0.023	\$0.001	2.8%	\$0.023	\$0.024	\$0.001	2.8%
	\$0.015	\$0.015	\$0.001	4.3%	\$0.015	\$0.016	\$0.001	4.2%

This information is also provided in the Prepared Supplemental Testimony of Sharim Chaudhury that SoCalGas and SDG&E are concurrently serving with this response.

II. RESPONSE TO SECOND RULING

SoCalGas and SDG&E hereby respond to the six questions presented by ALJ Wilson in the Second Ruling.

A. PROVIDE A BREAKDOWN BY APPLICATION NUMBER, YEAR, ACCOUNT NUMBER AND TYPE OF EXPENSE, FOR ALL STORAGE COSTS BEING REQUESTED IN A.14-11-003 AND A.14-11-004

Every three years, SoCalGas and SDG&E are required to file General Rate Case (GRC) Applications with the Commission. On November 14, 2014, SoCalGas and SDG&E filed GRC Applications (A.14-11-003 and A.14-11-004), requesting authority to increase revenue (also known as revenue requirement) beginning January 1, 2016. This annual revenue requirement is the total amount of costs a utility collects through its rates in a given year for specific purposes. The revenue requirement is requested to collect from SoCalGas' customers the costs of its business operations and the infrastructure expenses to deliver natural gas. Exhibit SCG-06 (Underground Storage) in A.14-11-004 provides SoCalGas' forecasted operating and maintenance (O&M) expenses and capital expenditures related to its underground gas storage system. The following Tables PEB-1 and PEB-2 are replicated from Phillip Baker's direct testimony in A.14-11-004 regarding SoCalGas' underground storage costs.⁴

⁴ The Direct Testimony of Phillip Baker in A.14-11-004, as well as Mr. Baker's workpapers, are available at <http://socalgas.com/regulatory/A1411004.shtml>.

Table PEB-1
Southern California Gas Company
Test Year 2016 Summary of O&M Costs

UNDERGROUND STORAGE O&M	Thousands of 2013 Dollars		
	2013 Adjusted Recorded	TY2016 Estimated	Change
Total Non-Shared	\$30,995	\$40,181	\$9,186
Total Shared Services (Incurred)	\$0	\$0	\$0
Total O&M	\$30,995	\$40,181	\$9,186

Table PEB-2
Southern California Gas Company
Test Year 2016 Summary of Total Capital Costs

UNDERGROUND STORAGE CAPITAL	Thousands of 2013 Dollars		
	2014 Estimated	2015 Estimated	2016 Estimated
Total Capital	\$71,429	\$74,270	\$90,523

Table PEB-1 shows that SoCalGas requests \$40.181 million for underground storage O&M expenses in Test Year (TY) 2016. It also shows that SoCalGas' 2013 adjusted recorded O&M expenses were \$30.995 million. Table PEB-2 shows that SoCalGas requests underground storage capital expenditures of \$71.4 million, \$74.3 million and \$90.5 million in 2014, 2015, and 2016 respectively. Direct storage O&M and capital forecast in A.14-11-004 are presented in the cost center format per D.08-07-046, Ordering Paragraph 22. There were no storage-related O&M and capital expenditure requests in A.14-11-003 because SDG&E does not own nor operate underground storage facilities.

B. USING THE SAME BREAKDOWN AS IN QUESTION 1, PROVIDE A BREAKDOWN BY APPLICATION NUMBER, YEAR, ACCOUNT NUMBER AND TYPE OF EXPENSE, FOR ALL STORAGE COSTS BEING REQUESTED IN A.14-12-017

SoCalGas and SDG&E file Triennial Cost Allocation Proceedings (TCAPs) in order to allocate the revenue requirements which have been previously authorized in their GRC's among utility functions and customer classes and design the transportation rates necessary to recover the authorized revenue requirements. On December 18, 2014, SoCalGas filed its Phase 1 TCAP

Application (A.14-12-017) with the Commission to revise its rates for natural gas transportation service effective January 1, 2016. The Phase 1 Application addressed the allocation of SoCalGas and SDG&E’s costs of their storage function. The upcoming Phase 2 Application will address the allocation of the costs of other functions, including customer costs, distribution costs, and transmission costs. In A.14-12-017, SoCalGas prepared embedded storage costs consistent with D.09-11-006 and D.14-06-007. Shown below is a replication of Table 8 from the Prepared Direct Testimony of Sim-Cheng Fung in A.14-12-017, which summarizes SoCalGas’ proposed embedded storage costs.⁵

Table 8	
2013 Embedded Storage Costs	
	(\$MM)
Capital-related Costs	39.1
O&M, A&G Expenses	44.5
Total	83.6

These 2013 recorded costs are based on the FERC Uniform System of Accounts (USOA) shown in SoCalGas’ Annual Report to the CPUC (also known as the FERC Form 2), which is the primary source used for allocating costs since this report is publicly available to all interested parties. SoCalGas is not requesting any new storage O&M expenses or capital expenditures in A.14-12-017. Rather, it is allocating recorded 2013 costs to the underground storage function that had already been authorized by the Commission. A ratemaking function known as “scalar” ensures that only authorized costs are recovered in transportation rates, and to the extent that the embedded costs of storage change with this TCAP, the scalar function adjusts appropriately.

⁵ The Direct Testimony of Sim-Cheng Fung in A.14-12-017, as well as Ms. Fung’s workpapers, are available at <http://socalgas.com/regulatory/A1412017.shtml>

C. EXPLAIN ALL DIFFERENCES BETWEEN THE RESPONSES TO QUESTIONS 1 AND 2

The response to Question 1 provided in Section II.A above is a forecast of O&M expenses for TY 2016 and capital expenditures for 2014-16 for storage operations in GRC A.14-11-004, based on SoCalGas' internal cost center reporting method. However, the response to Question 2 provided in Section II.B above is based on 2013 recorded storage costs from the FERC Form 2 as presented in TCAP A.14-12-07. In any event, the primary difference is that SoCalGas is not requesting new storage costs in TCAP A.14-12-017.

SoCalGas does not use the FERC-USOA to manage and control operations – instead there is a cost control system based on areas of responsibility and function described internally as “cost centers.” Historically, it had been necessary to translate these operating cost center control accounts into FERC-USOA for the GRC application. This often led to significant adjustments. Even though the accounting system was able to generate a conversion, SoCalGas made numerous adjustments to “manually” reallocate many overhead accounts or activities to the FERC-USOA accounts for GRC presentation. Past experience showed that using the FERC-USOA format added an unnecessary level of complexity in the GRC that required conversion from the in-house accounting and management control system used in utility operations. As a result, D. 08-07-046, Ordering Paragraph 22, authorized SoCalGas to file the next GRC using the then-current “cost center” system of internal accounting and control rather than convert and allocate the data to approximate the FERC-USOA.

D. EXPLAIN WHETHER, AND IF SO, HOW, THE REQUESTS IN A.14-12-017, DUPLICATE, COMPLIMENT OR ARE INCREMENTAL TO THE REQUESTS IN A.14-11-003 AND A.14-11-004

The request in A.14-12-017 is to allocate authorized costs among SoCalGas' customers and to develop customer rates that are based on revenue requirement approved in GRC D.13-05-010. Therefore, this cost allocation proceeding does not duplicate or compliment nor is it incremental to the requests in A.14-11-003 and A.14-11-004. The authorized revenue requirement in A.14-11-004 will eventually be reflected in recorded embedded storage costs prepared for the next TCAP. Scalar will ensure that SoCalGas and SDG&E collect only their authorized revenue requirements in transportation rates. In general, storage costs represent only approximately five percent of SoCalGas' total authorized revenue requirement in the GRC.

E. EXPLAIN HOW EVENTS/RESOLUTION OF A.14-11-003 AND A.14-11-004 MAY AFFECT YOUR REQUEST IN A.14-12-017

As discussed in Section II.D, the forecasted costs requested in the GRC applications of A.14-11-003 and A.14-11-004 are distinct from the allocation of recorded costs presented in A.14-12-017. Therefore, the resolution of the former would not affect the embedded costs of storage requested in the latter.

F. EXPLAIN REASONS WHY THE RATES PROPOSED IN PHASE 1 OF A.14-12-017 ARE INCREASING BY APPROXIMATELY \$3.8 MILLION AS COMPARED TO REVENUES AT PRESENT RATES

Revenues are increasing \$3.8 million at SoCalGas in 2016 due to the inclusion of the amortization of the Honor Rancho Storage Memorandum Account (HRSMA) and the removal of an incremental revenue requirement associated with the Honor Rancho project, as summarized in Table 5 below. The amortization of the HRSMA is discussed in the Prepared Direct Testimony of Ms. Fung.⁶ The costs recorded in the HRSMA have already been approved by the Commission.⁷ The inclusion of the HRSMA balance in the proposed rates is partially offset by removing the incremental Honor Rancho revenue requirement, which was approved in D.14-06-007 for the term of that TCAP period. There were also minor adjustments to revenues to account for other rate-related adjustments.

Table 5: Reconciliation of SoCalGas 2016 Revenue Changes

Rate Component	2016 \$MM
HRSMA Increase	\$12.6
Incremental Honor Rancho Revenue Requirement	(\$9.3)
Adjustments for Sempra-wide rates and EOR	\$0.4
Total	\$3.8

⁶ See Prepared Direct Testimony of Ms. Fung at 6.

⁷ Honor Rancho Expansion costs were initially approved by the Commission in D.10-04-034. The costs exceeding the established spending cap were approved in the 2013 TCAP Decision, D.14-06-007.

III. CONCLUSION

SoCalGas and SDG&E appreciate this opportunity to respond to ALJ Wilson's rulings requesting information. If any of these responses require additional clarification, or if the Commission should need additional information regarding our proposals in this proceeding, we stand ready to provide the additional information.

Respectfully submitted,

By: /s/ Michael R. Thorp
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April 3, 2015

Attachment A

SoCalGas 2016 Illustrative Rate Impacts

TABLE 1
Natural Gas Transportation Rates
Southern California Gas Company
January, 2016 Rates

	Present Rates			Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Proposed	Proposed	Proposed	Revenue	Rate	% Rate
	Volumes Mth A	Rate \$/therm B	Revenues \$000's C	Volumes Mth D	Rate \$/therm E	Revenues \$000's F	Change \$000's G	Change \$/therm H	change % I
1 CORE									
2 Residential	2,337,534	\$0.66285	\$1,549,446	2,337,534	\$0.66373	\$1,551,500	\$2,054	\$0.00088	0.1%
3 Commercial & Industrial	984,102	\$0.30648	\$301,606	984,102	\$0.30789	\$302,993	\$1,387	\$0.00141	0.5%
4									
5 NGV - Pre SempraWide	117,220	\$0.10432	\$12,228	117,220	\$0.10507	\$12,316	\$87	\$0.00075	0.7%
6 SempraWide Adjustment	117,220	\$0.00176	\$206	117,220	\$0.00174	\$204	(\$2)	(\$0.00001)	-0.7%
7 NGV - Post SempraWide	117,220	\$0.10608	\$12,434	117,220	\$0.10681	\$12,520	\$86	\$0.00073	0.7%
8									
9 Gas A/C	825	\$0.10706	\$88	825	\$0.10738	\$89	\$0	\$0.00033	0.3%
10 Gas Engine	16,774	\$0.12163	\$2,040	16,774	\$0.12163	\$2,040	\$0	\$0.00000	0.0%
11 Total Core	3,456,455	\$0.53975	\$1,865,615	3,456,455	\$0.54077	\$1,869,142	\$3,527	\$0.00102	0.2%
12									
13 NONCORE COMMERCIAL & INDUSTRIAL									
14 Distribution Level Service	893,164	\$0.06680	\$59,667	893,164	\$0.06709	\$59,926	\$259	\$0.00029	0.4%
15 Transmission Level Service (2)	654,456	\$0.01421	\$9,301	654,456	\$0.01470	\$9,622	\$320	\$0.00049	3.4%
16 Total Noncore C&I	1,547,620	\$0.04456	\$68,968	1,547,620	\$0.04494	\$69,548	\$580	\$0.00037	0.8%
17									
18 NONCORE ELECTRIC GENERATION									
19 Distribution Level Service									
20 Pre Sempra Wide	333,969	\$0.04591	\$15,331	333,969	\$0.04626	\$15,450	\$119	\$0.00036	0.8%
21 Sempra Wide Adjustment	333,969	(\$0.00754)	(\$2,517)	333,969	(\$0.00750)	(\$2,504)	\$13	\$0.00004	-0.5%
22 Distribution Post Sempra Wide	333,969	\$0.03837	\$12,815	333,969	\$0.03877	\$12,947	\$132	\$0.00040	1.0%
23 Transmission Level Service (2)	2,641,080	\$0.01290	\$34,063	2,641,080	\$0.01339	\$35,356	\$1,293	\$0.00049	3.8%
24 Total Electric Generation	2,975,049	\$0.01576	\$46,877	2,975,049	\$0.01624	\$48,303	\$1,425	\$0.00048	3.0%
25									
26 TOTAL RETAIL NONCORE	4,522,669	\$0.02561	\$115,845	4,522,669	\$0.02606	\$117,850	\$2,005	\$0.00044	1.7%
27									
28 WHOLESALE									
29 Wholesale Long Beach (2)	92,897	\$0.01276	\$1,186	92,897	\$0.01325	\$1,231	\$45	\$0.00049	3.8%
30 Wholesale SWG (2)	67,209	\$0.01276	\$858	67,209	\$0.01325	\$891	\$33	\$0.00049	3.8%
31 Wholesale Vernon (2)	87,906	\$0.01276	\$1,122	87,906	\$0.01325	\$1,165	\$43	\$0.00049	3.8%
32 International (2)	69,979	\$0.01276	\$893	69,979	\$0.01325	\$927	\$34	\$0.00049	3.8%
33 Total Wholesale & International	317,990	\$0.01276	\$4,059	317,990	\$0.01325	\$4,214	\$156	\$0.00049	3.8%
34 SDGE Wholesale	1,247,558	\$0.01032	\$12,870	1,247,558	\$0.01127	\$14,066	\$1,195	\$0.00096	9.3%
35 Total Wholesale Incl SDGE	1,565,548	\$0.01081	\$16,929	1,565,548	\$0.01168	\$18,280	\$1,351	\$0.00086	8.0%
36									
37 TOTAL NONCORE	6,088,217	\$0.02181	\$132,774	6,088,217	\$0.02236	\$136,130	\$3,356	\$0.00055	2.5%
38									
39 Unbundled Storage (4)			\$26,476			\$23,479	(\$2,996)		
40 System Total (w/o BTS)	9,544,672	\$0.21215	\$2,024,865	9,544,672	\$0.21255	\$2,028,751	\$3,887	\$0.00041	0.2%
41 Backbone Trans. Service BTS (3)	2,924	\$0.15406	\$164,406	2,924	\$0.15406	\$164,406	\$0	\$0.00000	0.0%
42 SYSTEM TOTALw/BTS	9,544,672	\$0.22937	\$2,189,270	9,544,672	\$0.22978	\$2,193,157	\$3,887	\$0.00041	0.2%
43									
44 EOR Revenues	203,920	\$0.02648	\$5,400	203,920	\$0.02692	\$5,489	\$90	\$0.00044	1.7%
45 Total Throughput w/EOR Mth/yr	9,748,592			9,748,592					

- 1) These rates are for Natural Gas Transportation Service from "Citygate to Meter". The BTS rate is for service from Receipt Point to Citygate.
- 2) These Transmission Level Service "TLS" amounts represent the average transmission rate, see Table 7 or detail list of TLS rates.
- 3) BTS charge (\$/dth/day) is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge.
- 4) Unbundles Storage costs are not part of the Core Storage or Load Balancing functions (those are included in transport rates).

TABLE 2
Residential Transportation Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14	Average	Jul-1-14	Volumes	Rate	Revenue	Revenue	Rate	% Rate	
	Volumes	Rate	Revenue	Mth	\$/th	\$000's	Change	Change	change	
	Mth	\$/th	\$000's	D	E	F	\$000's	\$/th	%	
	A	B	C				G	H	I	
1	RESIDENTIAL SERVICE									
2	Customer Charge									
3	Single Family	3,663,383	\$5.00	\$219,803	3,663,383	\$5.00	\$219,803	\$0	\$0.00000	0.0%
4	Multi-Family	1,674,287	\$5.00	\$100,457	1,674,287	\$5.00	\$100,457	\$0	\$0.00000	0.0%
5	Small Master Meter	122,347	\$5.00	\$7,341	122,347	\$5.00	\$7,341	\$0	\$0.00000	0.0%
6	Submeter Credit-\$/unit/day	147,568	(\$0.23573)	(\$12,697)	147,568	(\$0.23573)	(\$12,697)	\$0	\$0.00000	0.0%
7	Volumetric Transportation Rate Excludes CSITMA and CAT:									
8	Baseline Rate	1,583,823	\$0.44569	\$705,891	1,583,823	\$0.44657	\$707,293	\$1,402	\$0.00089	0.2%
9	Non-Baseline Rate	743,221	\$0.70569	\$524,482	743,221	\$0.70657	\$525,140	\$658	\$0.00089	0.1%
10		2,327,044	\$0.66405	\$1,545,277	2,327,044	\$0.66494	\$1,547,337	\$2,060	\$0.00089	0.1%
11	NBL/BL Ratio:									
12	Composite Rate \$/th		\$1.04251			\$1.04340		\$0.00089	0.1%	
13	Gas Rate \$/th		\$0.39800			\$0.39800		\$0.00000	0.0%	
14	NBL/Composite rate ratio (4) =		1.06			1.06				
15	NBL- BL rate difference \$/th		0.26000			0.26000		\$0.00000	0.0%	
16										
17	Large Master Meter Rate (Excludes Rate Adders for CAT):									
18	Customer Charge	55	\$373.78	\$248	55	\$373.78	\$248	\$0	\$0.00	0.0%
19	Baseline Rate	7,802	\$0.16846	\$1,314	7,802	\$0.16804	\$1,311	(\$3)	(\$0.00042)	-0.2%
20	Non-Baseline Rate	2,688	\$0.26673	\$717	2,688	\$0.26587	\$715	(\$2)	(\$0.00086)	-0.3%
21		10,490	\$0.21732	\$2,280	10,490	\$0.21678	\$2,274	(\$6)	(\$0.00053)	-0.2%
22										
23	Residential Rates Includes CSITMA, Excludes CAT:									
24	CSITMA Adder to Volumetric Rate	1,671,915	\$0.00102	\$1,712	1,671,915	\$0.00102	\$1,712	\$0	\$0.00000	0.0%
25	Residential:									
26	Customer Charge		\$5.00			\$5.00		\$0.00000	0.0%	
27	Baseline \$/therm		\$0.44671			\$0.44760		\$0.00089	0.2%	
28	Non-Baseline \$/therm		\$0.70671			\$0.70760		\$0.00089	0.1%	
29	Average NonCARE Rate \$/therm		\$0.66508			\$0.66596		\$0.00089	0.1%	
30	Large Master Meter:									
31	Customer Charge		\$373.78			\$373.78		\$0.00	0.0%	
32	BaseLine Rate		\$0.16948			\$0.16906		(\$0.00042)	-0.2%	
33	NonBaseLine Rate		\$0.26775			\$0.26689		(\$0.00086)	-0.3%	
34	Average NonCARE Rate \$/therm		\$0.21834			\$0.21781		(\$0.00053)	-0.2%	
35	Residential Rates Includes CSITMA & CAT:									
36	CAT Adder to Volumetric Rate	8,732	\$0.02026	\$177	8,732	\$0.02026	\$177	\$0	\$0.00000	0%
37	Residential:									
38	Customer Charge		\$5.00			\$5.00		\$0.00000	0.0%	
39	BaseLine Rate		\$0.46697			\$0.46785		\$0.00089	0.2%	
40	NonBaseLine Rate		\$0.72697			\$0.72785		\$0.00089	0.1%	
41	Large Master Meter:									
42	Customer Charge		\$373.78			\$373.78		\$0.00000	0.0%	
43	BaseLine Rate		\$0.18974			\$0.18932		(\$0.00042)	-0.2%	
44	NonBaseLine Rate		\$0.28801			\$0.28715		(\$0.00086)	-0.3%	
45	Other Adjustments :									
46	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)		\$0.00000	0.0%	
47										
48	TOTAL RESIDENTIAL	2,337,534	\$0.66285	\$1,549,446	2,337,534	\$0.66373	\$1,551,500	\$2,054	\$0.00088	0.1%

See footnotes Table 1

TABLE 3
Core Nonresidential Transportation Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14	Average	Jul-1-14	Volumes	Rate	Revenue	Revenue	Rate	% Rate	
	Volumes	Rate	Revenue	Mth	\$/th	\$000's	Change	Change	change	
	Mth	\$/th	\$000's	Mth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
1										
2	CORE COMMERCIAL & INDUSTRIAL									
3	Customer Charge 1	147,208	\$15.00	\$26,497	147,208	\$15.00	\$26,497	\$0	\$0.00	0.0%
4	Customer Charge 2	60,603	\$15.00	\$10,909	60,603	\$15.00	\$10,909	\$0	\$0.00	0.0%
5	Volumetric Transportation Rate Excludes CSITMA & CAT:									
6	Tier 1 = 250th/mo	223,928	\$0.49725	\$111,348	223,928	\$0.50001	\$111,967	\$620	\$0.00277	0.6%
7	Tier 2 = next 4167 th/mo	495,650	\$0.25421	\$126,001	495,650	\$0.25556	\$126,666	\$665	\$0.00134	0.5%
8	Tier 3 = over 4167 th/mo	264,524	\$0.09126	\$24,141	264,524	\$0.09165	\$24,243	\$102	\$0.00038	0.4%
9		984,102	\$0.30372	\$298,896	984,102	\$0.30513	\$300,282	\$1,387	\$0.00141	0.5%
10										
11	Volumetric Transportation Rate Includes CSITMA, Excludes CAT:									
12	CSITMA Adder to Volumetric Rate	980,381	\$0.00102	\$1,004	980,381	\$0.00102	\$1,004	\$0	\$0.00000	0.0%
13	Tier 1 = 250th/mo		\$0.49827			\$0.50104			\$0.00277	0.6%
14	Tier 2 = next 4167 th/mo		\$0.25524			\$0.25658			\$0.00134	0.5%
15	Tier 3 = over 4167 th/mo		\$0.09229			\$0.09267			\$0.00038	0.4%
16			\$0.30475			\$0.30616			\$0.00141	
17	Volumetric Transportation Rate Includes CSITMA & CAT:									
18	CAT Adder to Volumetric Rate	84,283	\$0.02026	\$1,707	84,283	\$0.02026	\$1,707	\$0	\$0.00000	0%
19	Tier 1 = 250th/mo		\$0.51853			\$0.52130			\$0.00277	0.5%
20	Tier 2 = next 4167 th/mo		\$0.27549			\$0.27684			\$0.00134	0.5%
21	Tier 3 = over 4167 th/mo		\$0.11254			\$0.11293			\$0.00038	0.3%
22			\$0.32500			\$0.32641			\$0.00141	0.4%
23	Other Adjustments :									
24	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
25										
26	TOTAL CORE C&I	984,102	\$0.30648	\$301,606	984,102	\$0.30789	\$302,993	\$1,387	\$0.00141	0.5%
27										
28	NATURAL GAS VEHICLES (a sempra-wide rate)									
29	Customer Charge, P-1	229	\$13.00	\$36	229	\$13.00	\$36	\$0	\$0.00000	0.0%
30	Customer Charge, P-2A	83	\$65.00	\$64	83	\$65.00	\$64	\$0	\$0.00000	0.0%
31	Uncompressed Rate Excludes CSITMA	117,220	\$0.09267	\$10,863	117,220	\$0.09340	\$10,949	\$86	\$0.00073	0.8%
32	Total Uncompressed NGV	117,220	\$0.09352	\$10,963	117,220	\$0.09426	\$11,049	\$86	\$0.00073	0.8%
33	Compressed Rate Adder	1,287	\$1.05002	\$1,351	1,287	\$1.05002	\$1,351	\$0	\$0.00000	0.0%
34										
35	Uncompressed Rate Includes CSITMA, Excludes CAT									
36	CSITMA Adder to Volumetric Rate	117,175	\$0.00102	\$120	117,175	\$0.00102	\$120	\$0	\$0.00000	0.0%
37	Uncompressed Rate \$/therm		\$0.09369			\$0.09443			\$0.00073	0.8%
38	Other Adjustments :									
39	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
40										
41	TOTAL NGV SERVICE	117,220	\$0.10608	\$12,434	117,220	\$0.10681	\$12,520	\$86	\$0.00073	0.7%
42										
43	RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
44	Customer Charge	5,460	\$10.00	\$655	5,460	\$10.00	\$655	\$0	\$0.00000	0.0%
45	Uncompressed Rate Excludes CSITMA	5,346	\$0.17687	\$946	5,346	\$0.17764	\$950	\$4	\$0.00077	0.4%
46		5,346	\$0.29942	\$1,601	5,346	\$0.30019	\$1,605	\$4	\$0.00077	0.3%
47	Uncompressed Rate Includes CSITMA, Excludes CAT									
48	CSITMA Adder to Volumetric Rate		\$0.00102			\$0.00102			\$0.00000	0.0%
49	Uncompressed Rate \$/therm		\$0.17789			\$0.17866			\$0.00077	0.4%
50										
51	Uncompressed Rate Includes CSITMA & CAT									
52	CAT Adder to Volumetric Rate	0	\$0.02026	\$0	0	\$0.02026	\$0	\$0	\$0.00000	0.0%
53	Uncompressed Rate		\$0.19815			\$0.19892			\$0.00077	0.4%
54	Other Adjustments :									
55	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
56										
57	TOTAL RESIDENTIAL NATURAL GAS	5,346	\$0.29942	\$1,601	5,346	\$0.30019	\$1,605	\$4	\$0.00077	0.3%

TABLE 5
Noncore Commercial & Industrial Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14 Volumes Mth A	Average Rate \$/th B	Jul-1-14 Revenue \$000's C	Volumes Mth D	Rate \$/th E	Revenue \$000's F	Revenue Change \$000's G	Rate Change \$/th H	% Rate change % I	
	1	NonCore Commercial & Industrial Distribution Level								
2	Customer Charge	602	\$350.00	\$2,530	602	\$350.00	\$2,530	\$0	\$0.00000	0.0%
3										
4	Volumetric Rates Includes CARB fee, Excludes CSITMA									
5	Tier 1 = 250kth/yr	133,045	\$0.14943	\$19,881	133,045	\$0.15016	\$19,978	\$97	\$0.00073	0.5%
6	Tier 2 = 250k to 1000k	217,578	\$0.09026	\$19,638	217,578	\$0.09069	\$19,732	\$93	\$0.00043	0.5%
7	Tier 3 = 1 to 2 million th/yr	109,379	\$0.05241	\$5,732	109,379	\$0.05265	\$5,758	\$26	\$0.00024	0.5%
8	Tier 4 = over 2 million th/yr	433,162	\$0.02536	\$10,986	433,162	\$0.02546	\$11,028	\$43	\$0.00010	0.4%
9	Volumetric totals (excl itcs)	893,164	\$0.06296	\$56,237	893,164	\$0.06325	\$56,496	\$259	\$0.00029	0.5%
10										
11	Volumetric Rates Includes CARB Fee & CSITMA									
12	CSITMA Adder to Volumetric Rate		\$0.00102	\$899		\$0.00102	\$899	\$0	\$0.00000	0.0%
13	Tier 1 = 250kth/yr		\$0.15045			\$0.15118			\$0.00073	0.5%
14	Tier 2 = 250k to 1000k		\$0.09128			\$0.09171			\$0.00043	0.5%
15	Tier 3 = 1 to 2 million th/yr		\$0.05343			\$0.05367			\$0.00024	0.4%
16	Tier 4 = over 2 million th/yr		\$0.02638			\$0.02648			\$0.00010	0.4%
17	Other Adjustments :									
18	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
19	CARB Fee Credit \$/th		(\$0.00044)			(\$0.00044)			\$0.00000	0.0%
20	NCCI - DISTRIBUTION LEVEL	893,164	\$0.06680	\$59,667	893,164	\$0.06709	\$59,926	\$259	\$0.00029	0.4%
21										
22	NCCI-TRANSMISSION LEVEL Incl C	10,674	\$0.01320	\$141	10,674	\$0.01369	\$146	\$5	\$0.00049	3.7%
23	NCCI-TRANSMISSION LEVEL Incl C	643,782	\$0.01423	\$9,160	643,782	\$0.01472	\$9,475	\$315	\$0.00049	3.4%
24	NCCI-TRANSMISSION LEVEL (2)	654,456	\$0.01421	\$9,301	654,456	\$0.01470	\$9,622	\$320	\$0.00049	3.4%
25										
26	TOTAL NONCORE C&I	1,547,620	\$0.04456	\$68,968	1,547,620	\$0.04494	\$69,548	\$580	\$0.00037	0.8%

TABLE 6
Noncore Electric Generation Rates and Enhanced Oil Recovery Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14 Volumes Mth	Average Rate \$/th	Jul-1-14 Revenue \$000's	Volumes Mth	Rate \$/th	Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1										
2	ELECTRIC GENERATION									
3										
4										
5	Small EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB fee & CSITMA:									
6	Customer Charge	147	\$50.00	\$88	147	\$50.00	\$88	\$0	\$0.00000	0.0%
7	Volumetric Rate	42,850	\$0.08571	\$3,673	42,850	\$0.08588	\$3,680	\$7	\$0.00016	0.2%
8	Small EG Distribution Level Service	42,850	\$0.08778	\$3,761	42,850	\$0.08794	\$3,768	\$7	\$0.00016	0.2%
9										
10	Large EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB Fee & CSITMA									
11	Customer Charge	34	\$0.00	\$0	34	\$0.00	\$0	\$0	\$0.00000	
12	Volumetric Rate	291,119	\$0.03074	\$8,950	291,119	\$0.03117	\$9,075	\$125	\$0.00043	1.4%
13	Large EG Distribution Level Service	291,119	\$0.03074	\$8,950	291,119	\$0.03117	\$9,075	\$125	\$0.00043	1.4%
14										
15	EG Distribution excl CARB fee & CSITMA	333,969	\$0.03806	\$12,711	333,969	\$0.03846	\$12,843	\$132	\$0.00040	1.0%
16										
17	Volumetric Rates Includes CARB fee, Excludes CSITMA									
18	EFMA Cost Adder	235,121	\$0.00044	\$104	235,121	\$0.00044	\$104	\$0	\$0.00000	0.0%
19	EG-Distribution Tier 1 w/CARB fee		\$0.08616			\$0.08632			\$0.00016	0.2%
20	EG-Distribution Tier 2 w/CARB Fee		\$0.03118			\$0.03161			\$0.00043	1.4%
21	Total - EG Distribution Level	333,969	\$0.03837	\$12,815	333,969	\$0.03877	\$12,947	\$132	\$0.00040	1.0%
22	CARB Fee Credit \$/th		(\$0.00044)			(\$0.00044)			\$0.00000	0.0%
23										
24	EG Transmission Level Service Excl	1,839,870	\$0.01276	\$23,483	1,839,870	\$0.01325	\$24,384	\$901	\$0.00049	3.8%
25	EG Transmission Level Service Incl C	801,210	\$0.01320	\$10,580	801,210	\$0.01369	\$10,972	\$392	\$0.00049	3.7%
26	EG Transmission Level (2)	2,641,080	\$0.01290	\$34,063	2,641,080	\$0.01339	\$35,356	\$1,293	\$0.00049	3.8%
27										
28	TOTAL ELECTRIC GENERATION	2,975,049	\$0.01576	\$46,877	2,975,049	\$0.01624	\$48,303	\$1,425	\$0.00048	3.0%
29										
30	EOR Rates & revenue Excludes CARB Fee & CSITMA:									
31	Distribution Level EOR:									
32	Customer Charge	23	\$500.00	\$138	23	\$500.00	\$138	\$0	\$0.00000	0.0%
33	Volumetric Rate Excl CARB Fee &	109,229	\$0.03711	\$4,053	109,229	\$0.03750	\$4,096	\$43	\$0.00040	1.1%
34										
35	Volumetric Rates Includes CARB Fee, Excludes CSITMA									
36	CARB Fee		\$0.00044			\$0.00044				
37	Volumetric Rate Incl CARB fee & Excl CSITMA		\$0.03755			\$0.03794			\$0.00040	1.1%
38	Distribution Level EOR	109,229	\$0.03837	\$4,191	109,229	\$0.03877	\$4,234	\$43	\$0.00040	1.0%
39	CARB Fee Credit \$/th		(\$0.00044)			(\$0.00044)			\$0.00000	0.0%
40										
41	Transmission Level EOR Excludes	94,691	\$0.01276	\$1,209	94,691	\$0.01325	\$1,255	\$46	\$0.00049	3.8%
42	Total EOR	203,920	\$0.02648	\$5,400	203,920	\$0.02692	\$5,489	\$90	\$0.00044	1.7%

1) CSITMA - Noncore C&I D Tariff rate includes CSITMA. Customers exempt, including Constitutionally Exempt, receive Transportation Charge Adj. (TCA).

EG Tariff Rate excludes CSITMA, since EG customers are exempt.

2) CARB Fee - EG-D and NCCI-D rates include CARB Fee.

3) EOR customers tariff includes CARB Fee and excludes CSITMA; since EOR customers are exempt from CSITMA and get a credit for CARB Fee.

See footnotes Table 1

TABLE 7
Transmission Level Service Transportation Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14 Volumes Mth	Average Rate \$/th	Jul-1-14 BCAP Vols \$000's	Volumes Mth, Mdth	Rate \$/th	Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1	Rate Excluding CSITMA & CARB Fee:									
2	Reservation Service Option (RS):									
3	Daily Reservation rate \$/th/day	\$0.00628			\$0.00657		\$0.00030		4.7%	
4	Usage Charge for RS \$/th	\$0.00431			\$0.00440		\$0.00009		2.1%	
5	Class Average Volumetric Rate (CA)									
6	Volumetric Rate \$/th	\$0.00845			\$0.00885		\$0.00040		4.7%	
7	Usage Charge for CA \$/th	\$0.00431			\$0.00440		\$0.00009		2.1%	
8	Class Average Volumetric Rate (CA) \$/th	\$0.01276			\$0.01325		\$0.00049		3.8%	
9										
10	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01467			\$0.01524		\$0.00056		3.8%	
11	135% CA (for Bypass Volumetric BV) \$/th	\$0.01723			\$0.01789		\$0.00066		3.8%	
12	Total Transmission Level Service (NC)	3,295,536	\$0.01276	\$42,062	3,295,536	\$0.01325	\$43,676	\$1,614	\$0.00049	3.8%
13										
14	C&I Rate Including CSITMA & CARB Fee:									
15	CSITMA Adder to Usage Charge	643,782	\$0.00102	\$659	643,782	\$0.00102	\$659	\$0	\$0.00000	
16	CARB Fee Adder	1,455,666	\$0.00044	\$643	1,455,666	\$0.00044	\$643	\$0	\$0.00000	
17	Reservation Service Option (RS):									
18	Daily Reservation rate \$/th/day	\$0.00628			\$0.00657		\$0	\$0.00030	4.7%	
19	Usage Charge for RS \$/th	\$0.00577			\$0.00586		\$0	\$0.00009	1.5%	
20	Class Average Volumetric Rate (CA)									
21	Volumetric Rate \$/th	\$0.00845			\$0.00885		\$0	\$0.00040	4.7%	
22	Usage Charge for CA \$/th	\$0.00577			\$0.00586		\$0	\$0.00009	1.5%	
23	Class Average Volumetric Rate (CA) \$/th	\$0.01423			\$0.01472		\$0	\$0.00049	3.4%	
24										
25	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01614			\$0.01670		\$0	\$0.00056	3.5%	
26	135% CA (for Bypass Volumetric BV) \$/th	\$0.01869			\$0.01935		\$0	\$0.00066	3.5%	
27	Other Adjustments :									
28	Transportation Charge Adj. (TCA) for CSITMA exer		(\$0.00102)			(\$0.00102)		\$0.00000		
29	California Air Resources Board (CARB) Fee Credit		(\$0.00044)			(\$0.00044)		\$0.00000		
30	Total Transmission Level Service In	3,295,536	\$0.01316	\$43,364	3,295,536	\$0.01365	\$44,978	\$1,614	\$0.00049	3.7%
31										
32	EG & EOR Rate Including EFMA, excluding CSITMA:									
33	CARB Fee Adder	\$0.00044			\$0.00044		\$0.00000			
34	Reservation Service Option (RS):									
35	Daily Reservation rate \$/th/day	\$0.00628			\$0.00657		\$0	\$0.00030	4.7%	
36	Usage Charge for RS \$/th	\$0.00475			\$0.00484		\$0	\$0.00009	1.9%	
37	Class Average Volumetric Rate (CA)									
38	Volumetric Rate \$/th	\$0.00845			\$0.00885		\$0	\$0.00040	4.7%	
39	Usage Charge for CA \$/th	\$0.00475			\$0.00484		\$0	\$0.00009	1.9%	
40	Class Average Volumetric Rate (CA) \$/th	\$0.01320			\$0.01369		\$0	\$0.00049	3.7%	
41										
42	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01512			\$0.01568		\$0	\$0.00056	3.7%	
43	135% CA (for Bypass Volumetric BV) \$/th	\$0.01767			\$0.01833		\$0	\$0.00066	3.7%	
44										
45	Other Adjustments :									
46	California Air Resources Board (CARB) Fee Credit		(\$0.00044)			(\$0.00044)		\$0.00000	0.0%	
47										
48	Rate Excluding CSITMA, CARB Fee, & Uncollectibles (applicable to Wholesale & International):									
49	Reservation Service Option (RS):									
50	Daily Reservation rate \$/th/day	\$0.00626			\$0.00656		\$0.00030		4.7%	
51	Usage Charge for RS \$/th	\$0.00430			\$0.00438		\$0.00009		2.1%	
52	Class Average Volumetric Rate (CA)									
53	Volumetric Rate \$/th	\$0.00843			\$0.00883		\$0.00040		4.7%	
54	Usage Charge for CA \$/th	\$0.00430			\$0.00438		\$0.00009		2.1%	
55	Class Average Volumetric Rate (CA) \$/th	\$0.01272			\$0.01321		\$0.00049		3.8%	
56										
57	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01463			\$0.01519		\$0.00056		3.8%	
58	135% CA (for Bypass Volumetric BV) \$/th	\$0.01718			\$0.01784		\$0.00066		3.8%	
59	Total Transmission Level Service (N)	317,990	\$0.01276	\$4,059	317,990	\$0.01325	\$4,214	\$156	\$0.00049	3.8%
60										
61	Average Transmission Level Service	3,613,526	\$0.01312	\$47,423	3,613,526	\$0.01361	\$49,192	\$1,769	\$0.00049	3.7%

TABLE 8
Backbone Transmission Service and Storage Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14	Average	Jul-1-14	Volumes	Rate	Revenue	Revenue	Rate	% Rate	
	Volumes	Rate	BCAP Vols	Volumes	Rate	Revenue	Change	Change	change	
	Mth	\$/th	\$000's	Mth, Mdth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
1	Backbone Transmission Service BTS									
2	BTS SFV Reservation Charge \$/dth/	2,924	\$0.15406	\$164,406	2,924	\$0.15406	\$164,406	\$0	\$0.00000	0.0%
3	BTS MFV Reservation Charge \$/dth/day		\$0.12325			\$0.12325				
4	BTS MFV Volumetric Charge \$/dth		\$0.03081			\$0.03081				
5	BTS Interruptible Volumetric Charge \$/therm		\$0.15406			\$0.15406		\$0.00000	0.0%	
6										
7										
8	Storage Rates:									
9	Core \$000			\$52,836		\$57,897	\$5,062			
10	Load Balancing \$000			\$10,260		\$14,814	\$4,555			
11	Unbundled Storage \$000			\$26,476		\$23,479	(\$2,996)			
12				\$89,571		\$96,191	\$6,620			

See footnotes Table 1

- 1) CSITMA - NCCI and EG TLS Tariff rates include CSITMA. Customers exempt (Constitutional Exempt and EG) receive Transportation Charge Adjustment TCA.
- 2) EFMA - TLS NCCI, EOR and EG Tariff rates include CSITMA. TLS NCCI, EOR and EG customers exempt as they pay CARB fees directly receive credit.
- 3) Wholesale Customers exclude CSITMA and EFMA since these customers are exempt.

**SoCalGas 2017-2019
Illustrative Rate Impacts**

TABLE 1
Natural Gas Transportation Rates
Southern California Gas Company
2017-2019 Rates

	Present Rates			Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Proposed	Proposed	Proposed	Revenue	Rate	% Rate
	Volumes Mth A	Rate \$/therm B	Revenues \$000's C	Volumes Mth D	Rate \$/therm E	Revenues \$000's F	Change \$000's G	Change \$/therm H	change % I
1 <u>CORE</u>									
2 Residential	2,337,534	\$0.66285	\$1,549,446	2,337,534	\$0.66597	\$1,556,723	\$7,277	\$0.00311	0.5%
3 Commercial & Industrial	984,102	\$0.30648	\$301,606	984,102	\$0.30991	\$304,987	\$3,381	\$0.00344	1.1%
4									
5 NGV - Pre SempraWide	117,220	\$0.10432	\$12,228	117,220	\$0.10612	\$12,439	\$211	\$0.00180	1.7%
6 SempraWide Adjustment	117,220	\$0.00176	\$206	117,220	\$0.00175	\$205	(\$1)	(\$0.00000)	-0.3%
7 NGV - Post SempraWide	117,220	\$0.10608	\$12,434	117,220	\$0.10787	\$12,645	\$210	\$0.00179	1.7%
8									
9 Gas A/C	825	\$0.10706	\$88	825	\$0.10804	\$89	\$1	\$0.00098	0.9%
10 Gas Engine	16,774	\$0.12163	\$2,040	16,774	\$0.12163	\$2,040	\$0	\$0.00000	0.0%
11 Total Core	3,456,455	\$0.53975	\$1,865,615	3,456,455	\$0.54289	\$1,876,484	\$10,869	\$0.00314	0.6%
12									
13 <u>NONCORE COMMERCIAL & INDUSTRIAL</u>									
14 Distribution Level Service	893,164	\$0.06680	\$59,667	893,164	\$0.06765	\$60,423	\$756	\$0.00085	1.3%
15 Transmission Level Service (2)	654,456	\$0.01421	\$9,301	654,456	\$0.01541	\$10,086	\$785	\$0.00120	8.4%
16 Total Noncore C&I	1,547,620	\$0.04456	\$68,968	1,547,620	\$0.04556	\$70,509	\$1,541	\$0.00100	2.2%
17									
18 <u>NONCORE ELECTRIC GENERATION</u>									
19 Distribution Level Service									
20 Pre Sempra Wide	333,969	\$0.04591	\$15,331	333,969	\$0.04690	\$15,663	\$331	\$0.00099	2.2%
21 Sempra Wide Adjustment	333,969	(\$0.00754)	(\$2,517)	333,969	(\$0.00747)	(\$2,495)	\$21	\$0.00006	-0.9%
22 Distribution Post Sempra Wide	333,969	\$0.03837	\$12,815	333,969	\$0.03943	\$13,167	\$353	\$0.00106	2.8%
23 Transmission Level Service (2)	2,641,080	\$0.01290	\$34,063	2,641,080	\$0.01410	\$37,230	\$3,167	\$0.00120	9.3%
24 Total Electric Generation	2,975,049	\$0.01576	\$46,877	2,975,049	\$0.01694	\$50,397	\$3,520	\$0.00118	7.5%
25									
26 TOTAL RETAIL NONCORE	4,522,669	\$0.02561	\$115,845	4,522,669	\$0.02673	\$120,906	\$5,061	\$0.00112	4.4%
27									
28 <u>WHOLESALE</u>									
29 Wholesale Long Beach (2)	92,897	\$0.01276	\$1,186	92,897	\$0.01396	\$1,297	\$111	\$0.00120	9.4%
30 Wholesale SWG (2)	67,209	\$0.01276	\$858	67,209	\$0.01396	\$938	\$81	\$0.00120	9.4%
31 Wholesale Vernon (2)	87,906	\$0.01276	\$1,122	87,906	\$0.01396	\$1,227	\$105	\$0.00120	9.4%
32 International (2)	69,979	\$0.01276	\$893	69,979	\$0.01396	\$977	\$84	\$0.00120	9.4%
33 Total Wholesale & International	317,990	\$0.01276	\$4,059	317,990	\$0.01396	\$4,440	\$381	\$0.00120	9.4%
34 SDGE Wholesale	1,247,558	\$0.01032	\$12,870	1,247,558	\$0.01251	\$15,612	\$2,742	\$0.00220	21.3%
35 Total Wholesale Incl SDGE	1,565,548	\$0.01081	\$16,929	1,565,548	\$0.01281	\$20,052	\$3,123	\$0.00199	18.4%
36									
37 TOTAL NONCORE	6,088,217	\$0.02181	\$132,774	6,088,217	\$0.02315	\$140,959	\$8,184	\$0.00134	6.2%
38									
39 Unbundled Storage (4)			\$26,476			\$25,612	(\$863)		
40 System Total (w/o BTS)	9,544,672	\$0.21215	\$2,024,865	9,544,672	\$0.21405	\$2,043,055	\$18,190	\$0.00191	0.9%
41 Backbone Trans. Service BTS (3)	2,924	\$0.15406	\$164,406	2,924	\$0.15406	\$164,406	\$0	\$0.00000	0.0%
42 SYSTEM TOTALw/BTS	9,544,672	\$0.22937	\$2,189,270	9,544,672	\$0.23128	\$2,207,460	\$18,190	\$0.00191	0.8%
43									
44 EOR Revenues	203,920	\$0.02648	\$5,400	203,920	\$0.02760	\$5,629	\$229	\$0.00112	4.2%
45 Total Throughput w/EOR Mth/yr	9,748,592			9,748,592					

- 1) These rates are for Natural Gas Transportation Service from "Citygate to Meter". The BTS rate is for service from Receipt Point to Citygate.
- 2) These Transmission Level Service "TLS" amounts represent the average transmission rate, see Table 7 or detail list of TLS rates.
- 3) BTS charge (\$/dth/day) is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge.
- 4) Unbundles Storage costs are not part of the Core Storage or Load Balancing functions (those are included in transport rates).

TABLE 2
Residential Transportation Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14	Average	Jul-1-14	Volumes	Rate	Revenue	Revenue	Rate	% Rate	
	Volumes	Rate	Revenue							Change
	Mth	\$/th	\$000's	Mth	\$/th	\$000's	\$000's	\$/th	%	
A	B	C	D	E	F	G	H	I		
1	RESIDENTIAL SERVICE									
2	Customer Charge									
3	Single Family	3,663,383	\$5.00	\$219,803	3,663,383	\$5.00	\$219,803	\$0	\$0.00000	0.0%
4	Multi-Family	1,674,287	\$5.00	\$100,457	1,674,287	\$5.00	\$100,457	\$0	\$0.00000	0.0%
5	Small Master Meter	122,347	\$5.00	\$7,341	122,347	\$5.00	\$7,341	\$0	\$0.00000	0.0%
6	Submeter Credit-\$/unit/day	147,568	(\$0.23573)	(\$12,697)	147,568	(\$0.23573)	(\$12,697)	\$0	\$0.00000	0.0%
7	Volumetric Transportation Rate Excludes CSITMA and CAT:									
8	Baseline Rate	1,583,823	\$0.44569	\$705,891	1,583,823	\$0.44882	\$710,848	\$4,957	\$0.00313	0.7%
9	Non-Baseline Rate	743,221	\$0.70569	\$524,482	743,221	\$0.70882	\$526,808	\$2,326	\$0.00313	0.4%
10		2,327,044	\$0.66405	\$1,545,277	2,327,044	\$0.66718	\$1,552,560	\$7,282	\$0.00313	0.5%
11	NBL/BL Ratio:									
12	Composite Rate \$/th		\$1.04251			\$1.04564		\$0.00313	0.3%	
13	Gas Rate \$/th		\$0.39800			\$0.39800		\$0.00000	0.0%	
14	NBL/Composite rate ratio (4) =		1.06			1.06				
15	NBL- BL rate difference \$/th		0.26000			0.26000		\$0.00000	0.0%	
16										
17	Large Master Meter Rate (Excludes Rate Adders for CAT):									
18	Customer Charge	55	\$373.78	\$248	55	\$373.78	\$248	\$0	\$0.00	0.0%
19	Baseline Rate	7,802	\$0.16846	\$1,314	7,802	\$0.16815	\$1,312	(\$2)	(\$0.00031)	-0.2%
20	Non-Baseline Rate	2,688	\$0.26673	\$717	2,688	\$0.26556	\$714	(\$3)	(\$0.00117)	-0.4%
21		10,490	\$0.21732	\$2,280	10,490	\$0.21679	\$2,274	(\$6)	(\$0.00053)	-0.2%
22										
23	Residential Rates Includes CSITMA, Excludes CAT:									
24	CSITMA Adder to Volumetric Rate	1,671,915	\$0.00102	\$1,712	1,671,915	\$0.00102	\$1,712	\$0	\$0.00000	0.0%
25	Residential:									
26	Customer Charge		\$5.00			\$5.00		\$0.00000	0.0%	
27	Baseline \$/therm		\$0.44671			\$0.44984		\$0.00313	0.7%	
28	Non-Baseline \$/therm		\$0.70671			\$0.70984		\$0.00313	0.4%	
29	Average NonCARE Rate \$/therm		\$0.66508			\$0.66820		\$0.00313	0.5%	
30	Large Master Meter:									
31	Customer Charge		\$373.78			\$373.78		\$0.00	0.0%	
32	BaseLine Rate		\$0.16948			\$0.16917		(\$0.00031)	-0.2%	
33	NonBaseLine Rate		\$0.26775			\$0.26658		(\$0.00117)	-0.4%	
34	Average NonCARE Rate \$/therm		\$0.21834			\$0.21781		(\$0.00053)	-0.2%	
35	Residential Rates Includes CSITMA & CAT:									
36	CAT Adder to Volumetric Rate	8,732	\$0.02026	\$177	8,732	\$0.02026	\$177	\$0	\$0.00000	0%
37	Residential:									
38	Customer Charge		\$5.00			\$5.00		\$0.00000	0.0%	
39	BaseLine Rate		\$0.46697			\$0.47010		\$0.00313	0.7%	
40	NonBaseLine Rate		\$0.72697			\$0.73010		\$0.00313	0.4%	
41	Large Master Meter:									
42	Customer Charge		\$373.78			\$373.78		\$0.00000	0.0%	
43	BaseLine Rate		\$0.18974			\$0.18943		(\$0.00031)	-0.2%	
44	NonBaseLine Rate		\$0.28801			\$0.28684		(\$0.00117)	-0.4%	
45	Other Adjustments :									
46	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)		\$0.00000	0.0%	
47										
48	TOTAL RESIDENTIAL	2,337,534	\$0.66285	\$1,549,446	2,337,534	\$0.66597	\$1,556,723	\$7,277	\$0.00311	0.5%

See footnotes Table 1

TABLE 3
Core Nonresidential Transportation Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14 Volumes Mth A	Average Rate \$/th B	Jul-1-14 Revenue \$000's C	Volumes Mth D	Rate \$/th E	Revenue \$000's F	Revenue Change \$000's G	Rate Change \$/th H	% Rate change I	
1										
2	CORE COMMERCIAL & INDUSTRIAL									
3	Customer Charge 1	147,208	\$15.00	\$26,497	147,208	\$15.00	\$26,497	\$0	\$0.00	0.0%
4	Customer Charge 2	60,603	\$15.00	\$10,909	60,603	\$15.00	\$10,909	\$0	\$0.00	0.0%
5	Volumetric Transportation Rate Excludes CSITMA & CAT:									
6	Tier 1 = 250th/mo	223,928	\$0.49725	\$111,348	223,928	\$0.50400	\$112,859	\$1,511	\$0.00675	1.4%
7	Tier 2 = next 4167 th/mo	495,650	\$0.25421	\$126,001	495,650	\$0.25748	\$127,622	\$1,621	\$0.00327	1.3%
8	Tier 3 = over 4167 th/mo	264,524	\$0.09126	\$24,141	264,524	\$0.09220	\$24,389	\$248	\$0.00094	1.0%
9		984,102	\$0.30372	\$298,896	984,102	\$0.30716	\$302,276	\$3,381	\$0.00344	1.1%
10										
11	Volumetric Transportation Rate Includes CSITMA, Excludes CAT:									
12	CSITMA Adder to Volumetric Rate	980,381	\$0.00102	\$1,004	980,381	\$0.00102	\$1,004	\$0	\$0.00000	0.0%
13	Tier 1 = 250th/mo		\$0.49827			\$0.50502			\$0.00675	1.4%
14	Tier 2 = next 4167 th/mo		\$0.25524			\$0.25851			\$0.00327	1.3%
15	Tier 3 = over 4167 th/mo		\$0.09229			\$0.09322			\$0.00094	1.0%
16			\$0.30475			\$0.30818			\$0.00344	
17	Volumetric Transportation Rate Includes CSITMA & CAT:									
18	CAT Adder to Volumetric Rate	84,283	\$0.02026	\$1,707	84,283	\$0.02026	\$1,707	\$0	\$0.00000	0%
19	Tier 1 = 250th/mo		\$0.51853			\$0.52528			\$0.00675	1.3%
20	Tier 2 = next 4167 th/mo		\$0.27549			\$0.27877			\$0.00327	1.2%
21	Tier 3 = over 4167 th/mo		\$0.11254			\$0.11348			\$0.00094	0.8%
22			\$0.32500			\$0.32844			\$0.00344	1.1%
23	Other Adjustments :									
24	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
25										
26	TOTAL CORE C&I	984,102	\$0.30648	\$301,606	984,102	\$0.30991	\$304,987	\$3,381	\$0.00344	1.1%
27										
28	NATURAL GAS VEHICLES (a sempra-wide rate)									
29	Customer Charge, P-1	229	\$13.00	\$36	229	\$13.00	\$36	\$0	\$0.00000	0.0%
30	Customer Charge, P-2A	83	\$65.00	\$64	83	\$65.00	\$64	\$0	\$0.00000	0.0%
31	Uncompressed Rate Excludes CSITMA	117,220	\$0.09267	\$10,863	117,220	\$0.09446	\$11,073	\$210	\$0.00179	1.9%
32	Total Uncompressed NGV	117,220	\$0.09352	\$10,963	117,220	\$0.09532	\$11,173	\$210	\$0.00179	1.9%
33	Compressed Rate Adder	1,287	\$1.05002	\$1,351	1,287	\$1.05002	\$1,351	\$0	\$0.00000	0.0%
34										
35	Uncompressed Rate Includes CSITMA, Excludes CAT									
36	CSITMA Adder to Volumetric Rate	117,175	\$0.00102	\$120	117,175	\$0.00102	\$120	\$0	\$0.00000	0.0%
37	Uncompressed Rate \$/therm		\$0.09369			\$0.09549			\$0.00179	1.9%
38	Other Adjustments :									
39	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
40										
41	TOTAL NGV SERVICE	117,220	\$0.10608	\$12,434	117,220	\$0.10787	\$12,645	\$210	\$0.00179	1.7%
42										
43	RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
44	Customer Charge	5,460	\$10.00	\$655	5,460	\$10.00	\$655	\$0	\$0.00000	0.0%
45	Uncompressed Rate Excludes CSITMA	5,346	\$0.17687	\$946	5,346	\$0.17909	\$957	\$12	\$0.00222	1.3%
46		5,346	\$0.29942	\$1,601	5,346	\$0.30164	\$1,613	\$12	\$0.00222	0.7%
47	Uncompressed Rate Includes CSITMA, Excludes CAT									
48	CSITMA Adder to Volumetric Rate		\$0.00102			\$0.00102			\$0.00000	0.0%
49	Uncompressed Rate \$/therm		\$0.17789			\$0.18011			\$0.00222	1.2%
50										
51	Uncompressed Rate Includes CSITMA & CAT									
52	CAT Adder to Volumetric Rate	0	\$0.02026	\$0	0	\$0.02026	\$0	\$0	\$0.00000	0.0%
53	Uncompressed Rate		\$0.19815			\$0.20037			\$0.00222	1.1%
54	Other Adjustments :									
55	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
56										
57	TOTAL RESIDENTIAL NATURAL GAS	5,346	\$0.29942	\$1,601	5,346	\$0.30164	\$1,613	\$12	\$0.00222	0.7%

TABLE 5
Noncore Commercial & Industrial Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14	Average	Jul-1-14	Volumes	Rate	Revenue	Revenue	Rate	% Rate	
	Volumes	Rate	Revenue	Volumes	Rate	Revenue	Change	Change	change	
	Mth	\$/th	\$000's	Mth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
1	NonCore Commercial & Industrial Distribution Level									
2	Customer Charge	602	\$350.00	\$2,530	602	\$350.00	\$2,530	\$0	\$0.00000	0.0%
3										
4	Volumetric Rates Includes CARB fee, Excludes CSITMA									
5	Tier 1 = 250kth/yr	133,045	\$0.14943	\$19,881	133,045	\$0.15156	\$20,164	\$284	\$0.00213	1.4%
6	Tier 2 = 250k to 1000k	217,578	\$0.09026	\$19,638	217,578	\$0.09151	\$19,911	\$272	\$0.00125	1.4%
7	Tier 3 = 1 to 2 million th/yr	109,379	\$0.05241	\$5,732	109,379	\$0.05310	\$5,808	\$75	\$0.00069	1.3%
8	Tier 4 = over 2 million th/yr	433,162	\$0.02536	\$10,986	433,162	\$0.02565	\$11,110	\$125	\$0.00029	1.1%
9	Volumetric totals (excl itcs)	893,164	\$0.06296	\$56,237	893,164	\$0.06381	\$56,993	\$756	\$0.00085	1.3%
10										
11	Volumetric Rates Includes CARB Fee & CSITMA									
12	CSITMA Adder to Volumetric Rate		\$0.00102	\$899		\$0.00102	\$899	\$0	\$0.00000	0.0%
13	Tier 1 = 250kth/yr		\$0.15045			\$0.15258			\$0.00213	1.4%
14	Tier 2 = 250k to 1000k		\$0.09128			\$0.09253			\$0.00125	1.4%
15	Tier 3 = 1 to 2 million th/yr		\$0.05343			\$0.05412			\$0.00069	1.3%
16	Tier 4 = over 2 million th/yr		\$0.02638			\$0.02667			\$0.00029	1.1%
17	Other Adjustments :									
18	TCA for CSITMA exempt customers		(\$0.00102)			(\$0.00102)			\$0.00000	0.0%
19	CARB Fee Credit \$/th		(\$0.00044)			(\$0.00044)			\$0.00000	0.0%
20	NCCI - DISTRIBUTION LEVEL	893,164	\$0.06680	\$59,667	893,164	\$0.06765	\$60,423	\$756	\$0.00085	1.3%
21										
22	NCCI-TRANSMISSION LEVEL Incl C	10,674	\$0.01320	\$141	10,674	\$0.01440	\$154	\$13	\$0.00120	9.1%
23	NCCI-TRANSMISSION LEVEL Incl C	643,782	\$0.01423	\$9,160	643,782	\$0.01543	\$9,932	\$772	\$0.00120	8.4%
24	NCCI-TRANSMISSION LEVEL (2)	654,456	\$0.01421	\$9,301	654,456	\$0.01541	\$10,086	\$785	\$0.00120	8.4%
25										
26	TOTAL NONCORE C&I	1,547,620	\$0.04456	\$68,968	1,547,620	\$0.04556	\$70,509	\$1,541	\$0.00100	2.2%

TABLE 6
Noncore Electric Generation Rates and Enhanced Oil Recovery Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14 Volumes Mth	Average Rate \$/th	Jul-1-14 Revenue \$000's	Volumes Mth	Rate \$/th	Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1										
2	<u>ELECTRIC GENERATION</u>									
3										
4										
5	<u>Small EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB fee & CSITMA:</u>									
6	Customer Charge	147	\$50.00	\$88	147	\$50.00	\$88	\$0	\$0.00000	0.0%
7	Volumetric Rate	42,850	\$0.08571	\$3,673	42,850	\$0.08639	\$3,702	\$29	\$0.00068	0.8%
8	Small EG Distribution Level Service	42,850	\$0.08778	\$3,761	42,850	\$0.08845	\$3,790	\$29	\$0.00068	0.8%
9										
10	<u>Large EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB Fee & CSITMA</u>									
11	Customer Charge	34	\$0.00	\$0	34	\$0.00	\$0	\$0	\$0.00000	
12	Volumetric Rate	291,119	\$0.03074	\$8,950	291,119	\$0.03185	\$9,273	\$324	\$0.00111	3.6%
13	Large EG Distribution Level Service	291,119	\$0.03074	\$8,950	291,119	\$0.03185	\$9,273	\$324	\$0.00111	3.6%
14										
15	EG Distribution excl CARB fee & CSITMA	333,969	\$0.03806	\$12,711	333,969	\$0.03912	\$13,063	\$353	\$0.00106	2.8%
16										
17	<u>Volumetric Rates Includes CARB fee, Excludes CSITMA</u>									
18	EFMA Cost Adder	235,121	\$0.00044	\$104	235,121	\$0.00044	\$104	\$0	\$0.00000	0.0%
19	EG-Distribution Tier 1 w/CARB fee		\$0.08616			\$0.08683		\$0.00068	0.8%	
20	EG-Distribution Tier 2 w/CARB Fee		\$0.03118			\$0.03229		\$0.00111	3.6%	
21	Total - EG Distribution Level	333,969	\$0.03837	\$12,815	333,969	\$0.03943	\$13,167	\$353	\$0.00106	2.8%
22	CARB Fee Credit \$/th		(\$0.00044)			(\$0.00044)		\$0.00000	0.0%	
23										
24	EG Transmission Level Service Excl CSITMA	1,839,870	\$0.01276	\$23,483	1,839,870	\$0.01396	\$25,689	\$2,207	\$0.00120	9.4%
25	EG Transmission Level Service Incl CSITMA	801,210	\$0.01320	\$10,580	801,210	\$0.01440	\$11,541	\$961	\$0.00120	9.1%
26	EG Transmission Level (2)	2,641,080	\$0.01290	\$34,063	2,641,080	\$0.01410	\$37,230	\$3,167	\$0.00120	9.3%
27										
28	TOTAL ELECTRIC GENERATION	2,975,049	\$0.01576	\$46,877	2,975,049	\$0.01694	\$50,397	\$3,520	\$0.00118	7.5%
29										
30	<u>EOR Rates & revenue Excludes CARB Fee & CSITMA:</u>									
31	Distribution Level EOR:									
32	Customer Charge	23	\$500.00	\$138	23	\$500.00	\$138	\$0	\$0.00000	0.0%
33	Volumetric Rate Excl CARB Fee & CSITMA	109,229	\$0.03711	\$4,053	109,229	\$0.03816	\$4,169	\$115	\$0.00106	2.8%
34										
35	<u>Volumetric Rates Includes CARB Fee, Excludes CSITMA</u>									
36	CARB Fee		\$0.00044			\$0.00044				
37	Volumetric Rate Incl CARB fee & Excl CSITMA		\$0.03755			\$0.03860		\$0.00106	2.8%	
38	Distribution Level EOR	109,229	\$0.03837	\$4,191	109,229	\$0.03943	\$4,307	\$115	\$0.00106	2.8%
39	CARB Fee Credit \$/th		(\$0.00044)			(\$0.00044)		\$0.00000	0.0%	
40										
41	Transmission Level EOR Excludes CSITMA	94,691	\$0.01276	\$1,209	94,691	\$0.01396	\$1,322	\$114	\$0.00120	9.4%
42	Total EOR	203,920	\$0.02648	\$5,400	203,920	\$0.02760	\$5,629	\$229	\$0.00112	4.2%

1) CSITMA - Noncore C&I D Tariff rate includes CSITMA. Customers exempt, including Constitutionally Exempt, receive Transportation Charge Adj. (TCA).

EG Tariff Rate excludes CSITMA, since EG customers are exempt.

2) CARB Fee - EG-D and NCCI-D rates include CARB Fee.

3) EOR customers tariff includes CARB Fee and excludes CSITMA; since EOR customers are exempt from CSITMA and get a credit for CARB Fee.

See footnotes Table 1

TABLE 7
Transmission Level Service Transportation Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14 Volumes Mth	Average Rate \$/th	Jul-1-14 BCAP Vols \$000's	Volumes Mth, Mnth D	Rate \$/th E	Revenue \$000's F	Revenue Change \$000's G	Rate Change \$/th H	% Rate change % I	
	A	B	C	D	E	F	G	H	I	
1	Rate Excluding CSITMA & CARB Fee:									
2	Reservation Service Option (RS):									
3	Daily Reservation rate \$/th/day	\$0.00628			\$0.00701			\$0.00073	11.6%	
4	Usage Charge for RS \$/th	\$0.00431			\$0.00452			\$0.00021	5.0%	
5	Class Average Volumetric Rate (CA)									
6	Volumetric Rate \$/th	\$0.00845			\$0.00944			\$0.00098	11.6%	
7	Usage Charge for CA \$/th	\$0.00431			\$0.00452			\$0.00021	5.0%	
8	Class Average Volumetric Rate (CA) \$/th	\$0.01276			\$0.01396			\$0.00120	9.4%	
9										
10	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01467			\$0.01605			\$0.00138	9.4%	
11	135% CA (for Bypass Volumetric BV) \$/th	\$0.01723			\$0.01884			\$0.00162	9.4%	
12	Total Transmission Level Service (N)	3,295,536	\$42,062	3,295,536	\$0.01396	\$46,014	\$3,952	\$0.00120	9.4%	
13										
14	C&I Rate Including CSITMA & CARB Fee:									
15	CSITMA Adder to Usage Charge	643,782	\$0.00102	\$659	643,782	\$0.00102	\$659	\$0	\$0.00000	
16	CARB Fee Adder	1,455,666	\$0.00044	\$643	1,455,666	\$0.00044	\$643	\$0	\$0.00000	
17	Reservation Service Option (RS):									
18	Daily Reservation rate \$/th/day	\$0.00628			\$0.00701		\$0	\$0.00073	11.6%	
19	Usage Charge for RS \$/th	\$0.00577			\$0.00599		\$0	\$0.00021	3.7%	
20	Class Average Volumetric Rate (CA)									
21	Volumetric Rate \$/th	\$0.00845			\$0.00944		\$0	\$0.00098	11.6%	
22	Usage Charge for CA \$/th	\$0.00577			\$0.00599		\$0	\$0.00021	3.7%	
23	Class Average Volumetric Rate (CA) \$/th	\$0.01423			\$0.01542		\$0	\$0.00120	8.4%	
24										
25	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01614			\$0.01752		\$0	\$0.00138	8.5%	
26	135% CA (for Bypass Volumetric BV) \$/th	\$0.01869			\$0.02031		\$0	\$0.00162	8.7%	
27	Other Adjustments :									
28	Transportation Charge Adj. (TCA) for CSITMA exe		(\$0.00102)			(\$0.00102)		\$0.00000		
29	California Air Resources Board (CARB) Fee Credit		(\$0.00044)			(\$0.00044)		\$0.00000		
30	Total Transmission Level Service (I)	3,295,536	\$0.01316	\$43,364	3,295,536	\$0.01436	\$47,316	\$3,952	\$0.00120	9.1%
31										
32	EG & EOR Rate Including EFMA, excluding CSITMA:									
33	CARB Fee Adder	\$0.00044			\$0.00044			\$0.00000		
34	Reservation Service Option (RS):									
35	Daily Reservation rate \$/th/day	\$0.00628			\$0.00701		\$0	\$0.00073	11.6%	
36	Usage Charge for RS \$/th	\$0.00475			\$0.00496		\$0	\$0.00021	4.5%	
37	Class Average Volumetric Rate (CA)									
38	Volumetric Rate \$/th	\$0.00845			\$0.00944		\$0	\$0.00098	11.6%	
39	Usage Charge for CA \$/th	\$0.00475			\$0.00496		\$0	\$0.00021	4.5%	
40	Class Average Volumetric Rate (CA) \$/th	\$0.01320			\$0.01440		\$0	\$0.00120	9.1%	
41										
42	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01512			\$0.01649		\$0	\$0.00138	9.1%	
43	135% CA (for Bypass Volumetric BV) \$/th	\$0.01767			\$0.01929		\$0	\$0.00162	9.2%	
44										
45	Other Adjustments :									
46	California Air Resources Board (CARB) Fee Credit		(\$0.00044)			(\$0.00044)		\$0.00000	0.0%	
47										
48	Rate Excluding CSITMA, CARB Fee, & Uncollectibles (applicable to Wholesale & International):									
49	Reservation Service Option (RS):									
50	Daily Reservation rate \$/th/day	\$0.00626			\$0.00699			\$0.00073	11.6%	
51	Usage Charge for RS \$/th	\$0.00430			\$0.00451			\$0.00021	5.0%	
52	Class Average Volumetric Rate (CA)									
53	Volumetric Rate \$/th	\$0.00843			\$0.00941			\$0.00098	11.6%	
54	Usage Charge for CA \$/th	\$0.00430			\$0.00451			\$0.00021	5.0%	
55	Class Average Volumetric Rate (CA) \$/th	\$0.01272			\$0.01392			\$0.00120	9.4%	
56										
57	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01463			\$0.01601			\$0.00137	9.4%	
58	135% CA (for Bypass Volumetric BV) \$/th	\$0.01718			\$0.01879			\$0.00161	9.4%	
59	Total Transmission Level Service (I)	3,17,990	\$0.01276	\$4,059	3,17,990	\$0.01396	\$4,440	\$381	\$0.00120	9.4%
60										
61	Average Transmission Level Service	3,613,526	\$0.01312	\$47,423	3,613,526	\$0.01432	\$51,756	\$4,334	\$0.00120	9.1%

TABLE 8
Backbone Transmission Service and Storage Rates
Southern California Gas Company

	Present Rates			Proposed Rates			Changes			
	Jul-1-14	Average	Jul-1-14	Volumes	Rate	Revenue	Revenue	Rate	% Rate	
	Volumes	Rate	BCAP Vols							Change
	Mth	\$/th	\$000's	Mth, Mdth	\$/th	\$000's	\$000's	\$/th	%	
A	B	C	D	E	F	G	H	I		
1	Backbone Transmission Service BTS									
2	BTS SFV Reservation Charge \$/dth	2,924	\$0.15406	\$164,406	2,924	\$0.15406	\$164,406	\$0	\$0.00000	0.0%
3	BTS MFV Reservation Charge \$/dth/day		\$0.12325			\$0.12325				
4	BTS MFV Volumetric Charge \$/dth		\$0.03081			\$0.03081				
5	BTS Interruptible Volumetric Charge \$/therm		\$0.15406			\$0.15406		\$0.00000		0.0%
6										
7										
8	Storage Rates:									
9	Core \$000			\$52,836			\$63,618	\$10,782		
10	Load Balancing \$000			\$10,260			\$21,355	\$11,096		
11	Unbundled Storage \$000			\$26,476			\$25,612	(\$863)		
12				\$89,571			\$110,585	\$21,014		

See footnotes Table 1

- 1) CSITMA - NCCI and EG TLS Tariff rates include CSITMA. Customers exempt (Constitutional Exempt and EG) receive Transportation Charge Adjustment TCA.
- 2) EFMA - TLS NCCI, EOR and EG Tariff rates include CSITMA. TLS NCCI, EOR and EG customers exempt as they pay CARB fees directly receive credit.
- 3) Wholesale Customers exclude CSITMA and EFMA since these customers are exempt.

SDG&E 2016 Illustrative Rate Impacts

TABLE 1
Natural Gas Transportation Rate Revenues
San Diego Gas & Electric
January, 2016 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	mtherms D	Rate \$/therm E	\$000's F	\$000's G	\$/therm H	change % I
CORE									
Residential	321,869	\$0.80195	\$258,123	321,869	\$0.80385	\$258,735	\$612	\$0.00190	0.2%
Commercial & Industrial	177,578	\$0.24302	\$43,155	177,578	\$0.24422	\$43,369	\$214	\$0.00120	0.5%
NGV - Pre SempraWide	11,417	\$0.13960	\$1,594	11,417	\$0.14020	\$1,601	\$7	\$0.00060	0.4%
SempraWide Adjustment	11,417	(\$0.01814)	(\$207)	11,417	(\$0.01800)	(\$206)	\$2	\$0.00013	-0.7%
NGV Post SempraWide	11,417	\$0.12146	\$1,387	11,417	\$0.12220	\$1,395	\$8	\$0.00074	0.6%
Total CORE	510,864	\$0.59246	\$302,665	510,864	\$0.59409	\$303,499	\$834	\$0.00163	0.3%
NONCORE COMMERCIAL & INDUSTRIAL									
Distribution Level Service	25,161	\$0.06291	\$1,583	25,161	\$0.06345	\$1,596	\$14	\$0.00054	0.9%
Transmission Level Service (2)	13,582	\$0.02165	\$294	13,582	\$0.02214	\$301	\$7	\$0.00049	2.3%
Total Noncore C&I	38,743	\$0.04844	\$1,877	38,743	\$0.04897	\$1,897	\$20	\$0.00052	1.1%
NONCORE ELECTRIC GENERATION									
Distribution Level Service									
Pre Sempra Wide	103,761	\$0.01656	\$1,718	103,761	\$0.01708	\$1,772	\$54	\$0.00052	3.1%
Sempra Wide Adjustment	103,761	\$0.02439	\$2,531	103,761	\$0.02426	\$2,518	(\$13)	(\$0.00013)	-0.5%
Distribution Level post SW	103,761	\$0.04095	\$4,249	103,761	\$0.04134	\$4,290	\$40	\$0.00039	1.0%
Transmission Level Service (2)	577,118	\$0.01298	\$7,491	577,118	\$0.01347	\$7,774	\$283	\$0.00049	3.8%
Total Electric Generation	680,879	\$0.01724	\$11,741	680,879	\$0.01772	\$12,064	\$323	\$0.00047	2.8%
TOTAL NONCORE	719,622	\$0.01892	\$13,617	719,622	\$0.01940	\$13,961	\$343	\$0.00048	2.5%
SYSTEM TOTAL	1,230,486	\$0.25704	\$316,282	1,230,486	\$0.25800	\$317,460	\$1,178	\$0.00096	0.4%

- 1) These rates are for Natural Gas Transportation Service from "Citygate to Meter". The BTS rate is for service from Receipt Point to Citygate. BTS is a SoCalGas tariff and service is purchased from SoCalGas.
- 2) Average transmission level service rate is shown here, see Rate Table 6 for detail list of TLS rates.
- 3) All rates include Franchise Fees & Uncollectible charges

TABLE 2
Core Gas Transportation Rates
San Diego Gas & Electric
January, 2016 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Average	Revenues	Revenues	Revenues	Rates	Rate
	Volumes	Rate	Revenues	Volumes	Rate	Revenues	Revenues	Rates	change
	mtherms	\$/therm	\$000's	mtherms	\$/therm	\$000's	\$000's	\$/therm	%
	A	B	C	D	E	F	G	H	I
1 RESIDENTIAL RATES Schedule GR,GM									
2 Rates Excluding CSITMA & CAT									
3 Customer Charge \$/month	848,086	\$0.00	\$0	848,086	\$0.00	\$0	\$0	\$0.00	
4									
5 Baseline \$/therm	217,220	\$0.75290	\$163,546	217,220	\$0.75471	\$163,938	\$393	\$0.00181	0.2%
6 Non-Baseline \$/therm	104,649	\$0.91838	\$96,108	104,649	\$0.92045	\$96,324	\$216	\$0.00207	0.2%
7 Average Rate \$/therm	321,869	\$0.80670	\$259,653	321,869	\$0.80860	\$260,263	\$609	\$0.00189	0.2%
8 NBL/BL Ratio									
9 Composite Rate \$/th									
10 NBL/Composite rate ratio		1.14			1.14				
11 NBL- BL rate difference \$/th									
12									
13 Rates Including CSITMA, Excluding CAT									
14 CSITMA Adder to Volumetric Rate	256,575	\$0.00771	\$1,977	256,575	\$0.00771	\$1,977	\$0	\$0.00000	0.0%
15 Baseline \$/therm		\$0.76061			\$0.76242			\$0.00181	0.2%
16 Non-Baseline \$/therm		\$0.92609			\$0.92816			\$0.00207	0.2%
17 Average NonCARE Rate \$/therm		\$0.81441			\$0.81630			\$0.00189	0.2%
18									
19 Sub Meter Credit Schedule GS,GT									
20 GS Unit Discount \$/day	6,004	(\$0.29392)	(\$644)	6,004	(\$0.29392)	(\$644)	\$0	\$0.00000	0.0%
21 GT Unit Discount \$/day	27,745	(\$0.36460)	(\$3,692)	27,745	(\$0.36460)	(\$3,692)	\$0	\$0.00000	0.0%
22									
23 Schedule GL-1									
24 LNG Facility Charge, domestic use \$/m	289	\$14.79	\$51	289	\$14.79	\$51		\$0.00000	0.0%
25 LNG Facility Charge, non-domestic \$/mth/mbtu		\$0.05480			\$0.05480			\$0.00000	0.0%
26 LNG Volumetric Surcharge \$/th	100	\$0.16571	\$16	100	\$0.16571	\$16		\$0.00000	0.0%
27			\$68			\$68			
28 Volumetric Rates Including CSITMA & CAT									
29 CAT Adder to Volumetric Rate	247	\$0.00000	\$0	247	\$0.00000	\$0	\$0	\$0.00000	
30 Baseline \$/therm		\$0.76061			\$0.76242			\$0.00181	0.2%
31 Non-Baseline \$/therm		\$0.92609			\$0.92816			\$0.00207	0.2%
32 Average Rate \$/therm		\$0.81441			\$0.81630			\$0.00189	0.2%
33									
34 Other Adjustments :									
35 Employee Discount			(\$412)			(\$412)	\$0		
36 SDFFD			\$1,173			\$1,176	\$3		
37									
38 Credit for CSITMA Exempt Cutomers:		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
39									
40									
41 Total Residential	321,869	\$0.80195	\$258,123	321,869	\$0.80385	\$258,735	\$612	\$0.00190	0.2%

See footnotes Table 1

TABLE 3
Natural Gas Transportation Rate Revenues
San Diego Gas & Electric
January, 2016 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes	Rate	Revenues	mtherms	Rate	\$000's	\$000's	\$/therm	change
	A	B	C	D	E	F	G	H	I
1 Other Core Rates \$/therm									
2 Schedule GPC - Procurement Price		\$0.39800			\$0.39800			\$0.00000	0.0%
3									
4 CORE COMMERCIAL & INDUSTRIAL RATES Schedule GN-3									
5 Customer Charge \$/month	29,865	\$10.00	\$3,584	29,865	\$10.00	\$3,584	\$0	\$0.00000	0.0%
6									
7 Rates Excluding CSITMA & CAT									
8 Tier 1 = 0 to 1,000 therms/month	79,475	\$0.30847	\$24,515	79,475	\$0.30966	\$24,611	\$95	\$0.00120	0.4%
9 Tier 2 = 1,001 to 21,000 therms/month	82,322	\$0.14514	\$11,948	82,322	\$0.14633	\$12,046	\$99	\$0.00120	0.8%
10 Tier 3 = over 21,000 therms/month	15,781	\$0.09900	\$1,562	15,781	\$0.10019	\$1,581	\$19	\$0.00120	1.2%
11									
12 Rates Including CSITMA, Excluding CAT									
13 CSITMA Adder to Volumetric Rate	169,353	\$0.00771	\$1,305	169,353	\$0.00771	\$1,305	\$0	\$0.00000	0.0%
14 Tier 1 = 0 to 1,000 therms/month		\$0.31617			\$0.31737			\$0.00120	0.4%
15 Tier 2 = 1,001 to 21,000 therms/month		\$0.15284			\$0.15404			\$0.00120	0.8%
16 Tier 3 = over 21,000 therms/month		\$0.10670			\$0.10790			\$0.00120	1.1%
17									
18 Rates Including CSITMA & CAT									
19 CAT Adder to Volumetric Rate	23,606	\$0.00000	\$0	23,606	\$0.00000	\$0	\$0	\$0.00000	
20 Tier 1 = 0 to 1,000 therms/month		\$0.31617			\$0.31737			\$0.00120	0.4%
21 Tier 2 = 1,001 to 21,000 therms/month		\$0.15284			\$0.15404			\$0.00120	0.8%
22 Tier 3 = over 21,000 therms/month		\$0.10670			\$0.10790			\$0.00120	1.1%
23									
24 Other Adjustments :									
25 Adjustment for SDDFD			\$241			\$242	\$1		
26 Credit for CSITMA Exempt Customers:		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
27									
28 Total Core C&I	177,578	\$0.24302	\$43,155	177,578	\$0.24422	\$43,369	\$214	\$0.00120	0.5%

1) CSITMA - Tariff rate includes CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA. CARE participants receive 20% CARE discount (Tariff rate less Credit for CSITMA Exempt Customers)*20%

See footnotes Table 1

TABLE 4
Other Core Gas Transportation Rates
San Diego Gas & Electric

January, 2016 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes mtherms	Rate \$/therm	Revenues \$000's	mtherms	Rate \$/therm	\$000's	\$000's	\$/therm	change %
	A	B	C	D	E	F	G	H	I
1 NATURAL GAS VEHICLE RATES G-NO	Sempra-Wide NGV Rates			Sempra-Wide NGV Rates					
2 Customer Charge									
3 P1 \$/month	24	\$13.00	\$4	24	\$13.00	\$4	\$0	\$0.00	0.0%
4 P2A \$/month	10	\$65.00	\$8	10	\$65.00	\$8	\$0	\$0.00	0.0%
5									
6 Uncompressed Rate Excl CSITMA & C	11,417	\$0.09319	\$1,064	11,417	\$0.09393	\$1,072	\$8	\$0.00074	0.8%
7 Compressor Adder \$/therm Excludes CS	209	\$1.05591	\$220	209	\$1.05591	\$220	\$0	\$0.00000	0.0%
8 Combined transport & compressor adder \$/th		\$1.14910			\$1.14983			\$0.00074	0.1%
9									
10 Volumetric Rates Includes CSITMA, Excludes CAT									
11 CSITMA Adder to Volumetric Rate	11,399	\$0.00771	\$88	11,399	\$0.00771	\$88	\$0	\$0.00000	0.0%
12 Uncompressed Rate \$/therm		\$0.10090			\$0.10163			\$0.00074	0.7%
13 Combined transport & compressor adder \$/th		\$1.15681			\$1.15754			\$0.00073	0.1%
14									
15 Volumetric Rates Includes CSITMA & CAT									
16 CAT Adder to Volumetric Rate		\$0.00000			\$0.00000				
17 Uncompressed Rate \$/therm		\$0.10090			\$0.10163		\$0	\$0.00074	0.7%
18 Combined transport & compressor adder \$/th		\$1.15681			\$1.15754			\$0.00073	0.1%
19 Other Adjustments :									
20 Adjustment for SDDFD			\$3			\$3	\$0		
21 Credit for CSITMA Exempt Customers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
22									
23									
24 Total NGV	11,417	\$0.12146	\$1,387	11,417	\$0.12220	\$1,395	\$8	\$0.00074	0.6%
25									
26 RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
27 Customer Charge	848	\$5.00	\$51	848	\$5.00	\$51	\$0	\$0.00	0.0%
28 Uncompressed Rate w/o CSITMA & CA	929	\$0.25455	\$237	929	\$0.25504	\$237	\$0	\$0.00049	0.2%
29	929	\$0.30931	\$287	929	\$0.30980	\$288	\$0	\$0.00049	0.2%
30									
31 Volumetric Rates Including CSITMA, Excluding CAT									
32 CSITMA Adder to Volumetric Rate		\$0.00771			\$0.00771			\$0.00000	0.0%
33 Uncompressed Rate \$/therm		\$0.26226			\$0.26275			\$0.00049	0.2%
34									
35 Volumetric Rates Includes CSITMA & CAT									
36 CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
37 Uncompressed Rate \$/therm		\$0.26226			\$0.26275		\$0	\$0.00049	0.2%
38									
39 Other Adjustments :									
40 Adjustment for SDDFD			\$0			\$0	\$0		
41 Credit for CSITMA Exempt Customers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
42									
43 Total Res NGV	929	\$0.30931	\$287	929	\$0.30980	\$288	\$0	\$0.00049	0.2%

1) CSITMA - Tariff rate includes CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.

TABLE 5
NonCore Gas Transportation Rates
San Diego Gas & Electric

January, 2016 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	mtherms D	Rate \$/therm E	\$000's F	\$000's G	\$/therm H	change % I
1 NonCore Commercial & Industrial Distribution Level									
2 Customer Charges \$/month	54	\$350.00	\$228	54	\$350.00	\$228	\$0	\$0.00	0.0%
3									
4 Volumetric Charges Incl CARB Fee, E	25,161	\$0.04716	\$1,187	25,161	\$0.04771	\$1,200	\$14	\$0.00054	1.2%
5 CSITMA Adder to Volumetric Rate	21,818	\$0.00771	\$168	21,818	\$0.00771	\$168	\$0	\$0.00000	0.0%
6									
7 Volumetric Charges Incl CARB Fee, Incl CSITMA									
8 Volumetric Rates \$/therm		\$0.05487			\$0.05541			\$0.00054	1.0%
9									
10 Other Adjustments :									
11 SDDFD									
12 Credit for CSITMA Exempt Cutomers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
13 Credit for CARB Fee Exempt Customers \$/th		(\$0.00118)			(\$0.00118)				
14 NCCI-Distribution Total	25,161	\$0.06291	\$1,583	25,161	\$0.06345	\$1,596	\$14	\$0.00054	0.9%
15									
16 NCCI-Transmission Total (1)	13,582	\$0.02165	\$294	13,582	\$0.02214	\$301	\$7	\$0.00049	2.3%
17									
18 Total NonCore C&I	38,743	\$0.04844	\$1,877	38,743	\$0.04897	\$1,897	\$20	\$0.00052	1.1%
19									
20 ELECTRIC GENERATION									
21									
22 Small EG Ditsribution Level Service (a Sempra-Wide rate) Excludes CARB Fee & CSITMA									
23 Customer Charge, \$/month	40	\$50.00	\$24	40	\$50.00	\$24	\$0	\$0.00	0.0%
24 Volumetric Rate \$/therm	16,347	\$0.08620	\$1,409	16,347	\$0.08636	\$1,412	\$3	\$0.00	0.2%
25									
26 Large EG Ditsribution Level Service (a Sempra-Wide rate) Excludes CARB Fee, CSITMA									
27 Customer Charge, \$/month		\$0.00			\$0.00			\$0.00	
28 Volumetric Rate (Incl ITCS) \$/th	87,414	\$0.03091	\$2,702	87,414	\$0.03135	\$2,740	\$38	\$0.00	1.4%
29									
30 EG Distribution excl CARB Fee, CSITMA	103,761	\$0.03985	\$4,135	103,761	\$0.04024	\$4,176	\$40	\$0.00	1.0%
31									
32 Volumetric Rates Including CARB Fee, Excluding CSITMA:									
33 Carb Fee Cost Adder - Small	14,770	\$0.00118	\$17	14,770	\$0.00118	\$17	\$0	\$0.00000	
34 CARB Fee Cost Adder - Large	81,853	\$0.00118	\$97	81,853	\$0.00118	\$97			
35 EG-Distribution Tier 1 Incl CARB fee, Excl CSITMA ¹		\$0.08738			\$0.08754			\$0.00017	0.2%
36 EG-Distribution Tier 2 Incl CARB Fee, Excl CSITMA ¹		\$0.03209			\$0.03253			\$0.00043	1.3%
37 Total - EG Distribution Leve	103,761	\$0.04095	\$4,249	103,761	\$0.04134	\$4,290	\$40	\$0.00039	1.0%
38 Credit for CARB Fee Exempt Customers \$/th		(\$0.00118)			(\$0.00118)				
39									
40 EG Transmission Level Service Excl CA	471,084	\$0.01276	\$6,013	471,084	\$0.01325	\$6,243			
41 EG Transmission Level Service Incl CA	106,034	\$0.01394	\$1,479	106,034	\$0.01443	\$1,530	\$52	\$0.00	3.5%
42 EG Transmission Level Service - Avera	577,118	\$0.01298	\$7,491	577,118	\$0.01347	\$7,774			
43									
44 TOTAL ELECTRIC GENERATION	680,879	\$0.01724	\$11,741	680,879	\$0.01772	\$12,064	\$323	\$0.00047	2.8%

1) CSITMA - Tariff rate includes CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.

Schedule EG Tariff Rate excludes CSITMA, since EG customers are exempt.

2) EFMA - GTNC and EG Tariff rates includes EFMA. Those EG and GTNC customers that are exempt will receive EFMA credit.

See footnotes Table 1

TABLE 6
Transmission Level Service Gas Transportation Rates
San Diego Gas & Electric

January, 2016 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	mtherms D	Rate \$/therm E	\$000's F	\$000's G	\$/therm H	change % I
1 Transmission Level Service Rate Excluding CSITMA & CARB Fee									
2 Reservation Service Option (RS):									
3 Daily Reservation rate \$/th/day		\$0.00631			\$0.00661		\$0	\$0.00030	4.7%
4 Usage Charge for RS \$/th		\$0.00433			\$0.00442		\$0	\$0.00009	2.1%
5									
6 Class Average Volumetric Rate (CA)									
7 Volumetric Rate \$/th		\$0.00850			\$0.00890		\$0	\$0.00040	4.7%
8 Usage Charge for CA \$/th		\$0.00433			\$0.00442		\$0	\$0.00009	2.1%
9 Class Average Volumetric Rate CA \$/th		\$0.01283			\$0.01332		\$0	\$0.00049	3.8%
10									
11 115% CA (for NonBypass Volumetric NV) \$/th		\$0.01476			\$0.01532		\$0	\$0.00057	3.8%
12 135% CA (for Bypass Volumetric BV) \$/th		\$0.01732			\$0.01799		\$0	\$0.00066	3.8%
13									
14 Average Transmission Level Service	590,700	\$0.01276	\$7,539	590,700	\$0.01325	\$7,829	\$289	\$0.00049	3.8%
15									
16 C&I Rate Including CSITMA & CARB Fee									
17 CSITMA Adder to Usage Rate \$/th	13,582	\$0.00771	\$105	13,582	\$0.00771	\$105	\$0	\$0.00000	0.0%
18 EFMA Cost Adder	119,616	\$0.00118	\$141	119,616	\$0.00118	\$141		\$0.00000	
19 Reservation Service Option (RS):									
20 Daily Reservation rate \$/th/day		\$0.00631			\$0.00661		\$0	\$0.00030	4.7%
21 Usage Charge for RS \$/th		\$0.01322			\$0.01331		\$0	\$0.00009	0.7%
22									
23 Class Average Volumetric Rate (CA)									
24 Volumetric Rate \$/th		\$0.00850			\$0.00890		\$0	\$0.00040	4.7%
25 Usage Charge for CA \$/th		\$0.01322			\$0.01331		\$0	\$0.00009	0.7%
26 Class Average Volumetric Rate CA \$/th		\$0.02172			\$0.02221		\$0	\$0.00049	2.3%
27									
28 115% CA (for NonBypass Volumetric NV) \$/th		\$0.02364			\$0.02421		\$0	\$0.00057	2.4%
29 135% CA (for Bypass Volumetric BV) \$/th		\$0.02621			\$0.02687		\$0	\$0.00066	2.5%
30									
31 Other Adjustments:									
32 Credit for CSITMA Exempt Customers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
33 CARB Fee Credit for Exempt Customers \$/th		(\$0.00118)			(\$0.00118)			\$0.00000	0.0%
34									
35 EG Rate Including CARB Fee, excluding CSITMA:									
36 CARB Fee Cost Adder		\$0.00118			\$0.00118			\$0.00000	
37 Reservation Service Option (RS):									
38 Daily Reservation rate \$/th/day		\$0.00631			\$0.00661		\$0	\$0.00030	4.7%
39 Usage Charge for RS \$/th		\$0.00551			\$0.00560		\$0	\$0.00009	1.6%
40									
41 Class Average Volumetric Rate (CA)									
42 Volumetric Rate \$/th		\$0.00850			\$0.00890		\$0	\$0.00040	4.7%
43 Usage Charge for CA \$/th		\$0.00551			\$0.00560		\$0	\$0.00009	1.6%
44 Class Average Volumetric Rate CA \$/th		\$0.01401			\$0.01450		\$0	\$0.00049	3.5%
45									
46 115% CA (for NonBypass Volumetric NV) \$/th		\$0.01594			\$0.01650		\$0	\$0.00057	3.6%
47 135% CA (for Bypass Volumetric BV) \$/th		\$0.01850			\$0.01917		\$0	\$0.00066	3.6%
48									
49 Other Adjustments:									
50 CARB Fee Credit for Exempt Customers \$/th		(\$0.00118)			(\$0.00118)			\$0.00000	0.0%
51									
52 Average Transmission Level Service	590,700	\$0.01318	\$7,785	590,700	\$0.01367	\$8,074	\$289	\$0.00049	3.7%

See footnotes Table 1

SDG&E 2017-2019
Illustrative Rate Impacts

TABLE 1
Natural Gas Transportation Rate Revenues
San Diego Gas & Electric
2017-2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Average	Revenues	Revenues	Rates	Rate	
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	Volumes mtherms D	Rate \$/therm E	\$000's F	\$000's G	\$/therm H	% I
CORE									
Residential	321,869	\$0.80195	\$258,123	321,869	\$0.80595	\$259,410	\$1,287	\$0.00400	0.5%
Commercial & Industrial	177,578	\$0.24302	\$43,155	177,578	\$0.24614	\$43,710	\$554	\$0.00312	1.3%
NGV - Pre SempraWide	11,417	\$0.13960	\$1,594	11,417	\$0.14136	\$1,614	\$20	\$0.00176	1.3%
SempraWide Adjustment	11,417	(\$0.01814)	(\$207)	11,417	(\$0.01809)	(\$207)	\$1	\$0.00005	-0.3%
NGV Post SempraWide	11,417	\$0.12146	\$1,387	11,417	\$0.12327	\$1,407	\$21	\$0.00181	1.5%
Total CORE	510,864	\$0.59246	\$302,665	510,864	\$0.59610	\$304,526	\$1,862	\$0.00364	0.6%
NONCORE COMMERCIAL & INDUSTRIAL									
Distribution Level Service	25,161	\$0.06291	\$1,583	25,161	\$0.06422	\$1,616	\$33	\$0.00131	2.1%
Transmission Level Service (2)	13,582	\$0.02165	\$294	13,582	\$0.02285	\$310	\$16	\$0.00120	5.5%
Total Noncore C&I	38,743	\$0.04844	\$1,877	38,743	\$0.04972	\$1,926	\$49	\$0.00127	2.6%
NONCORE ELECTRIC GENERATION									
Distribution Level Service									
Pre Sempra Wide	103,761	\$0.01656	\$1,718	103,761	\$0.01782	\$1,849	\$130	\$0.00126	7.6%
Sempra Wide Adjustment	103,761	\$0.02439	\$2,531	103,761	\$0.02419	\$2,509	(\$22)	(\$0.00021)	-0.9%
Distribution Level post SW	103,761	\$0.04095	\$4,249	103,761	\$0.04200	\$4,358	\$109	\$0.00105	2.6%
Transmission Level Service (2)	577,118	\$0.01298	\$7,491	577,118	\$0.01418	\$8,183	\$692	\$0.00120	9.2%
Total Electric Generation	680,879	\$0.01724	\$11,741	680,879	\$0.01842	\$12,542	\$801	\$0.00118	6.8%
TOTAL NONCORE	719,622	\$0.01892	\$13,617	719,622	\$0.02010	\$14,468	\$850	\$0.00118	6.2%
SYSTEM TOTAL	1,230,486	\$0.25704	\$316,282	1,230,486	\$0.25924	\$318,994	\$2,712	\$0.00220	0.9%

- 1) These rates are for Natural Gas Transportation Service from "Citygate to Meter". The BTS rate is for service from Receipt Point to Citygate. BTS is a SoCalGas tariff and service is purchased from SoCalGas.
- 2) Average transmission level service rate is shown here, see Rate Table 6 for detail list of TLS rates.
- 3) All rates include Franchise Fees & Uncollectible charges

TABLE 2
Core Gas Transportation Rates
San Diego Gas & Electric
2017-2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14 Volumes mtherms A	Average Rate \$/therm B	Jul-1-14 Revenues \$000's C	Volumes mtherms D	Average Rate \$/therm E	Revenues \$000's F	Revenues \$000's G	Rates \$/therm H	Rate change % I
1 RESIDENTIAL RATES Schedule GR,GM									
2 Rates Excluding CSITMA & CAT									
3 Customer Charge \$/month	848,086	\$0.00	\$0	848,086	\$0.00	\$0	\$0	\$0.00	0.0%
4									
5 Baseline \$/therm	217,220	\$0.75290	\$163,546	217,220	\$0.75670	\$164,371	\$826	\$0.00380	0.5%
6 Non-Baseline \$/therm	104,649	\$0.91838	\$96,108	104,649	\$0.92273	\$96,563	\$455	\$0.00435	0.5%
7 Average Rate \$/therm	321,869	\$0.80670	\$259,653	321,869	\$0.81068	\$260,934	\$1,281	\$0.00398	0.5%
8 NBL/BL Ratio									
9 Composite Rate \$/th									
10 NBL/Composite rate ratio		1.14			1.14				
11 NBL- BL rate difference \$/th									
12									
13 Rates Including CSITMA, Excluding CAT									
14 CSITMA Adder to Volumetric Rate	256,575	\$0.00771	\$1,977	256,575	\$0.00771	\$1,977	\$0	\$0.00000	0.0%
15 Baseline \$/therm		\$0.76061			\$0.76441			\$0.00380	0.5%
16 Non-Baseline \$/therm		\$0.92609			\$0.93044			\$0.00435	0.5%
17 Average NonCARE Rate \$/therm		\$0.81441			\$0.81839			\$0.00398	0.5%
18									
19 Sub Meter Credit Schedule GS,GT									
20 GS Unit Discount \$/day	6,004	(\$0.29392)	(\$644)	6,004	(\$0.29392)	(\$644)	\$0	\$0.00000	0.0%
21 GT Unit Discount \$/day	27,745	(\$0.36460)	(\$3,692)	27,745	(\$0.36460)	(\$3,692)	\$0	\$0.00000	0.0%
22									
23 Schedule GL-1									
24 LNG Facility Charge, domestic use \$/mcf	289	\$14.79	\$51	289	\$14.79	\$51		\$0.00000	0.0%
25 LNG Facility Charge, non-domestic \$/mth/mbtu		\$0.05480			\$0.05480			\$0.00000	0.0%
26 LNG Volumetric Surcharge \$/th	100	\$0.16571	\$16	100	\$0.16571	\$16		\$0.00000	0.0%
27			\$68			\$68			
28 Volumetric Rates Including CSITMA & CAT									
29 CAT Adder to Volumetric Rate	247	\$0.00000	\$0	247	\$0.00000	\$0	\$0	\$0.00000	0.0%
30 Baseline \$/therm		\$0.76061			\$0.76441			\$0.00380	0.5%
31 Non-Baseline \$/therm		\$0.92609			\$0.93044			\$0.00435	0.5%
32 Average Rate \$/therm		\$0.81441			\$0.81839			\$0.00398	0.5%
33									
34 Other Adjustments :									
35 Employee Discount			(\$412)			(\$412)	\$0		
36 SDFFD			\$1,173			\$1,179	\$6		
37									
38 Credit for CSITMA Exempt Cutomers:		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
39									
40									
41 Total Residential	321,869	\$0.80195	\$258,123	321,869	\$0.80595	\$259,410	\$1,287	\$0.00400	0.5%

See footnotes Table 1

TABLE 3
Natural Gas Transportation Rate Revenues
San Diego Gas & Electric
2017-2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14		Average				Rate
	Volumes	Rate	Revenues	Volumes	Rate	Revenues	Revenues	Rates	change
	mtherms	\$/therm	\$000's	mtherms	\$/therm	\$000's	\$000's	\$/therm	%
	A	B	C	D	E	F	G	H	I
1 Other Core Rates \$/therm									
2 Schedule GPC - Procurement Price		\$0.39800			\$0.39800			\$0.00000	0.0%
3									
4 CORE COMMERCIAL & INDUSTRIAL RATES Schedule GN-3									
5 Customer Charge \$/month	29,865	\$10.00	\$3,584	29,865	\$10.00	\$3,584	\$0	\$0.00000	0.0%
6									
7 Rates Excluding CSITMA & CAT									
8 Tier 1 = 0 to 1,000 therms/month	79,475	\$0.30847	\$24,515	79,475	\$0.31157	\$24,762	\$247	\$0.00310	1.0%
9 Tier 2 = 1,001 to 21,000 therms/month	82,322	\$0.14514	\$11,948	82,322	\$0.14824	\$12,203	\$256	\$0.00310	2.1%
10 Tier 3 = over 21,000 therms/month	15,781	\$0.09900	\$1,562	15,781	\$0.10210	\$1,611	\$49	\$0.00310	3.1%
11									
12 Rates Including CSITMA, Excluding CAT									
13 CSITMA Adder to Volumetric Rate	169,353	\$0.00771	\$1,305	169,353	\$0.00771	\$1,305	\$0	\$0.00000	0.0%
14 Tier 1 = 0 to 1,000 therms/month		\$0.31617			\$0.31928			\$0.00310	1.0%
15 Tier 2 = 1,001 to 21,000 therms/month		\$0.15284			\$0.15595			\$0.00310	2.0%
16 Tier 3 = over 21,000 therms/month		\$0.10670			\$0.10981			\$0.00310	2.9%
17									
18 Rates Including CSITMA & CAT									
19 CAT Adder to Volumetric Rate	23,606	\$0.00000	\$0	23,606	\$0.00000	\$0	\$0	\$0.00000	
20 Tier 1 = 0 to 1,000 therms/month		\$0.31617			\$0.31928			\$0.00310	1.0%
21 Tier 2 = 1,001 to 21,000 therms/month		\$0.15284			\$0.15595			\$0.00310	2.0%
22 Tier 3 = over 21,000 therms/month		\$0.10670			\$0.10981			\$0.00310	2.9%
23									
24 Other Adjustments :									
25 Adjustment for SDFFD			\$241			\$244	\$3		
26 Credit for CSITMA Exempt Customers:		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
27									
28 Total Core C&I	177,578	\$0.24302	\$43,155	177,578	\$0.24614	\$43,710	\$554	\$0.00312	1.3%

1) CSITMA - Tariff rate includes CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA. CARE participants receive 20% CARE discount (Tariff rate less Credit for CSITMA Exempt Customers)*20%
See footnotes Table 1

TABLE 4
Other Core Gas Transportation Rates
San Diego Gas & Electric

2017-2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Average	Rate	Revenues	Revenues	Rates	Rate
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	Volumes mtherms D	Rate \$/therm E	Revenues \$000's F	Revenues \$000's G	Rates \$/therm H	change % I
NATURAL GAS VEHICLE RATES G-NG	Sempra-Wide NGV Rates			Sempra-Wide NGV Rates					
Customer Charge									
P1 \$/month	24	\$13.00	\$4	24	\$13.00	\$4	\$0	\$0.00	0.0%
P2A \$/month	10	\$65.00	\$8	10	\$65.00	\$8	\$0	\$0.00	0.0%
Uncompressed Rate Excl CSITMA & CAT	11,417	\$0.09319	\$1,064	11,417	\$0.09499	\$1,085	\$21	\$0.00180	1.9%
Compressor Adder \$/therm Excludes CSITMA	209	\$1.05591	\$220	209	\$1.05591	\$220	\$0	\$0.00000	0.0%
Combined transport & compressor adder \$/th		\$1.14910			\$1.15090			\$0.00180	0.2%
Volumetric Rates Includes CSITMA, Excludes CAT									
CSITMA Adder to Volumetric Rate	11,399	\$0.00771	\$88	11,399	\$0.00771	\$88	\$0	\$0.00000	0.0%
Uncompressed Rate \$/therm		\$0.10090			\$0.10270			\$0.00180	1.8%
Combined transport & compressor adder \$/th		\$1.15681			\$1.15861			\$0.00180	0.2%
Volumetric Rates Includes CSITMA & CAT									
CAT Adder to Volumetric Rate		\$0.00000			\$0.00000				
Uncompressed Rate \$/therm		\$0.10090			\$0.10270		\$0	\$0.00180	1.8%
Combined transport & compressor adder \$/th		\$1.15681			\$1.15861			\$0.00180	0.2%
Other Adjustments :									
Adjustment for SDFFD			\$3			\$3	\$0		
Credit for CSITMA Exempt Cutomers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
Total NGV	11,417	\$0.12146	\$1,387	11,417	\$0.12327	\$1,407	\$21	\$0.00181	1.5%
RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
Customer Charge	848	\$5.00	\$51	848	\$5.00	\$51	\$0	\$0.00	0.0%
Uncompressed Rate w/o CSITMA & CAT	929	\$0.25455	\$237	929	\$0.25558	\$237	\$1	\$0.00103	0.4%
	929	\$0.30931	\$287	929	\$0.31034	\$288	\$1	\$0.00103	0.3%
Volumetric Rates Including CSITMA, Excluding CAT									
CSITMA Adder to Volumetric Rate		\$0.00771			\$0.00771			\$0.00000	0.0%
Uncompressed Rate \$/therm		\$0.26226			\$0.26329			\$0.00103	0.4%
Volumetric Rates Includes CSITMA & CAT									
CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
Uncompressed Rate \$/therm		\$0.26226			\$0.26329		\$0	\$0.00103	0.4%
Other Adjustments :									
Adjustment for SDFFD			\$0			\$0	\$0		
Credit for CSITMA Exempt Cutomers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
Total Res NGV	929	\$0.30931	\$287	929	\$0.31034	\$288	\$1	\$0.00103	0.3%

1) CSITMA - Tariff rate includes CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.

TABLE 5
NonCore Gas Transportation Rates
San Diego Gas & Electric

2017-2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	mtherms D	Rate \$/therm E	\$000's F	\$000's G	\$/therm H	change % I
NonCore Commercial & Industrial Distribution Level									
Customer Charges \$/month	54	\$350.00	\$228	54	\$350.00	\$228	\$0	\$0.00	0.0%
Volumetric Charges Incl CARB Fee, Excl CSITMA									
Volumetric Rate \$/therm	25,161	\$0.04716	\$1,187	25,161	\$0.04848	\$1,220	\$33	\$0.00131	2.8%
CSITMA Adder to Volumetric Rate	21,818	\$0.00771	\$168	21,818	\$0.00771	\$168	\$0	\$0.00000	0.0%
Volumetric Charges Incl CARB Fee, Incl CSITMA									
Volumetric Rates \$/therm		\$0.05487			\$0.05618			\$0.00131	2.4%
Other Adjustments :									
SDFFD									
Credit for CSITMA Exempt Customers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
Credit for CARB Fee Exempt Customers \$/th		(\$0.00118)			(\$0.00118)				
NCCI-Distribution Total	25,161	\$0.06291	\$1,583	25,161	\$0.06422	\$1,616	\$33	\$0.00131	2.1%
NCCI-Transmission Total (1)	13,582	\$0.02165	\$294	13,582	\$0.02285	\$310	\$16	\$0.00120	5.5%
Total NonCore C&I	38,743	\$0.04844	\$1,877	38,743	\$0.04972	\$1,926	\$49	\$0.00127	2.6%
ELECTRIC GENERATION									
Small EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB Fee & CSITMA									
Customer Charge, \$/month	40	\$50.00	\$24	40	\$50.00	\$24	\$0	\$0.00	0.0%
Volumetric Rate \$/therm	16,347	\$0.08620	\$1,409	16,347	\$0.08688	\$1,420	\$11	\$0.00	0.8%
Large EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB Fee, CSITMA									
Customer Charge, \$/month		\$0.00			\$0.00			\$0.00	
Volumetric Rate (Incl ITCS) \$/th	87,414	\$0.03091	\$2,702	87,414	\$0.03203	\$2,800	\$98	\$0.00	3.6%
EG Distribution excl CARB Fee, CSITMA	103,761	\$0.03985	\$4,135	103,761	\$0.04090	\$4,244	\$109	\$0.00	2.6%
Volumetric Rates Including CARB Fee, Excluding CSITMA:									
Carb Fee Cost Adder - Small	14,770	\$0.00118	\$17	14,770	\$0.00118	\$17	\$0	\$0.00000	
Carb Fee Cost Adder - Large	81,853	\$0.00118	\$97	81,853	\$0.00118	\$97			
EG-Distribution Tier 1 Incl CARB fee, Excl CSITMA		\$0.08738			\$0.08806			\$0.00068	0.8%
EG-Distribution Tier 2 Incl CARB Fee, Excl CSITMA		\$0.03209			\$0.03321			\$0.00112	3.5%
Total - EG Distribution Level	103,761	\$0.04095	\$4,249	103,761	\$0.04200	\$4,358	\$109	\$0.00105	2.6%
Credit for CARB Fee Exempt Customers \$/th		(\$0.00118)			(\$0.00118)				
EG Transmission Level Service Excl CA									
EG Transmission Level Service Excl CA	471,084	\$0.01276	\$6,013	471,084	\$0.01396	\$6,578			
EG Transmission Level Service Incl CA	106,034	\$0.01394	\$1,479	106,034	\$0.01514	\$1,606	\$127	\$0.00	8.6%
EG Transmission Level Service - Average	577,118	\$0.01298	\$7,491	577,118	\$0.01418	\$8,183			
TOTAL ELECTRIC GENERATION	680,879	\$0.01724	\$11,741	680,879	\$0.01842	\$12,542	\$801	\$0.00118	6.8%

1) CSITMA - Tariff rate includes CSITMA, exempt customers (including CARE participants and Constitutionally Exempt) receive Credit for CSITMA.

Schedule EG Tariff Rate excludes CSITMA, since EG customers are exempt.

2) EFMA - GTNC and EG Tariff rates includes EFMA. Those EG and GTNC customers that are exempt will receive EFMA credit.

See footnotes Table 1

TABLE 6
Transmission Level Service Gas Transportation Rates
San Diego Gas & Electric

2017-2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jul-1-14	Average	Jul-1-14	Volumes	Average	Revenues	Revenues	Rates	Rate
	Volumes mtherms A	Rate \$/therm B	Revenues \$000's C	mtherms D	Rate \$/therm E	\$000's F	\$000's G	\$/therm H	change % I
1 Transmission Level Service Rate Excluding CSITMA & CARB Fee									
2 Reservation Service Option (RS):									
3 Daily Reservation rate \$/th/day		\$0.00631			\$0.00705		\$0	\$0.00073	11.6%
4 Usage Charge for RS \$/th		\$0.00433			\$0.00455		\$0	\$0.00022	5.0%
5									
6 Class Average Volumetric Rate (CA)									
7 Volumetric Rate \$/th		\$0.00850			\$0.00949		\$0	\$0.00099	11.6%
8 Usage Charge for CA \$/th		\$0.00433			\$0.00455		\$0	\$0.00022	5.0%
9 Class Average Volumetric Rate CA \$/th		\$0.01283			\$0.01404		\$0	\$0.00121	9.4%
10									
11 115% CA (for NonBypass Volumetric NV) \$/th		\$0.01476			\$0.01614		\$0	\$0.00139	9.4%
12 135% CA (for Bypass Volumetric BV) \$/th		\$0.01732			\$0.01895		\$0	\$0.00163	9.4%
13									
14 Average Transmission Level Service	590,700	\$0.01276	\$7,539	590,700	\$0.01396	\$8,248	\$708	\$0.00120	9.4%
15									
16 C&I Rate Including CSITMA & CARB Fee									
17 CSITMA Adder to Usage Rate \$/th	13,582	\$0.00771	\$105	13,582	\$0.00771	\$105	\$0	\$0.00000	0.0%
18 EFMA Cost Adder	119,616	\$0.00118	\$141	119,616	\$0.00118	\$141		\$0.00000	
19 Reservation Service Option (RS):									
20 Daily Reservation rate \$/th/day		\$0.00631			\$0.00705		\$0	\$0.00073	11.6%
21 Usage Charge for RS \$/th		\$0.01322			\$0.01343		\$0	\$0.00022	1.6%
22									
23 Class Average Volumetric Rate (CA)									
24 Volumetric Rate \$/th		\$0.00850			\$0.00949		\$0	\$0.00099	11.6%
25 Usage Charge for CA \$/th		\$0.01322			\$0.01343		\$0	\$0.00022	1.6%
26 Class Average Volumetric Rate CA \$/th		\$0.02172			\$0.02292		\$0	\$0.00121	5.5%
27									
28 115% CA (for NonBypass Volumetric NV) \$/th		\$0.02364			\$0.02503		\$0	\$0.00139	5.9%
29 135% CA (for Bypass Volumetric BV) \$/th		\$0.02621			\$0.02784		\$0	\$0.00163	6.2%
30									
31 Other Adjustments:									
32 Credit for CSITMA Exempt Customers \$/th		(\$0.00771)			(\$0.00771)			\$0.00000	0.0%
33 CARB Fee Credit for Exempt Customers \$/th		(\$0.00118)			(\$0.00118)			\$0.00000	0.0%
34									
35 EG Rate Including CARB Fee, excluding CSITMA:									
36 CARB Fee Cost Adder		\$0.00118			\$0.00118			\$0.00000	
37 Reservation Service Option (RS):									
38 Daily Reservation rate \$/th/day		\$0.00631			\$0.00705		\$0	\$0.00073	11.6%
39 Usage Charge for RS \$/th		\$0.00551			\$0.00573		\$0	\$0.00022	3.9%
40									
41 Class Average Volumetric Rate (CA)									
42 Volumetric Rate \$/th		\$0.00850			\$0.00949		\$0	\$0.00099	11.6%
43 Usage Charge for CA \$/th		\$0.00551			\$0.00573		\$0	\$0.00022	3.9%
44 Class Average Volumetric Rate CA \$/th		\$0.01401			\$0.01522		\$0	\$0.00121	8.6%
45									
46 115% CA (for NonBypass Volumetric NV) \$/th		\$0.01594			\$0.01732		\$0	\$0.00139	8.7%
47 135% CA (for Bypass Volumetric BV) \$/th		\$0.01850			\$0.02013		\$0	\$0.00163	8.8%
48									
49 Other Adjustments:									
50 CARB Fee Credit for Exempt Customers \$/th		(\$0.00118)			(\$0.00118)			\$0.00000	0.0%
51									
52 Average Transmission Level Service	590,700	\$0.01318	\$7,785	590,700	\$0.01438	\$8,494	\$708	\$0.00120	9.1%

See footnotes Table 1