

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

Application of Southern California Gas Company (U 904 G) and San Diego Gas & Electric Company (U 902 G) for (A) Approval of the Forecasted Revenue Requirement Associated with Certain Pipeline Safety Enhancement Plan Projects and Associated Rate Recovery, and (B) Authority to Modify and Create Certain Balancing Accounts

Application 17-03-021
(Filed on March 30, 2017)

**AMENDED APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY
(U 904 G) AND SAN DIEGO GAS & ELECTRIC COMPANY (U 902 G) FOR (A)
APPROVAL OF THE FORECASTED REVENUE REQUIREMENT ASSOCIATED
WITH CERTAIN PIPELINE SAFETY ENHANCEMENT PLAN PROJECTS AND
ASSOCIATED RATE RECOVERY, AND (B) AUTHORITY TO MODIFY AND
CREATE CERTAIN BALANCING ACCOUNTS**

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I. INTRODUCTION

Pursuant to Rule 1.12 of the Rules of Practice and Procedure of the California Public Utilities Commission (“CPUC” or “Commission”), Southern California Gas Company (“SoCalGas”) and San Diego Gas & Electric Company (“SDG&E,” with SoCalGas, “Applicants”) respectfully submit this Amended¹ Application requesting (a) approval of the total forecasted revenue requirement and associated rate recovery for certain Pipeline Safety Enhancement Plan (“PSEP”) projects identified as part of Phases 1B and 2A; and (b) authority to (i) modify the existing Safety Enhancement Expense Balancing Accounts (“SEEBAs”) and Safety Enhancement Capital Cost Balancing Accounts (“SECCBAs”) to record costs discretely for Phase 1B projects, and (ii) create new balancing accounts to record costs for Phase 2 projects.

¹ A redline copy comparing changes from the original Application as filed on March 30, 2017 with this Amended Application is provided herewith.

Consistent with the Commission decision approving PSEP – Decision (“D.”) 14-06-007 – this Application follows two after-the-fact reasonableness reviews for the system-wide pipeline safety enhancement projects and – per D.16-08-003 – is the Commission’s preferred means to review large projects. In accordance with the foregoing, this Application presents forecasts for certain Phase 1B and Phase 2A PSEP projects. Forecasted expenditures associated with the important safety projects proposed herein are approximately \$197.5 million in capital and \$57 million in operations and maintenance (“O&M”), which result in a cumulative forecasted 2019 revenue requirement of approximately \$44.6 million for SoCalGas and \$500,000 for SDG&E² (as explained further herein, these amounts are inclusive of certain incurred costs currently recorded to Construction Work In Progress (“CWIP”) accounts for capital-related costs and the Pipeline Safety Enhancement Memorandum Accounts (“PSEPMAs” or “PSEP-P2MAs”) for O&M-related costs). The following illustrates the rate impact based on the forecasts: for the typical bundled residential customer of SoCalGas using 35 thermal units per month, the monthly bill would be expected to increase by \$0.19, or 0.5%, from \$41.16 to \$41.35; and for the typical bundled residential gas customer of SDG&E using 25 thermal units per month, the monthly bill would be expected to increase by \$0.12, or 0.3%, from \$37.07 to \$37.19.³

In this Application and the accompanying prepared direct testimony and workpapers, SoCalGas and SDG&E establish that the proposed pipeline safety work is consistent with the Commission’s mandate to execute PSEP; the forecasted costs are robust and reasonable estimates based on the expertise Applicants have acquired in executing PSEP; and the correlated

² These amounts are exclusive of Franchise Fees and Uncollectibles (“FF&U”) and have been adjusted for rounding. Exact revenue requirements are set forth in the prepared direct testimony of Sharim Chaudhury (Chapter VI).

³ Actual individual customer bills may differ.

revenue requirements proposed for recovery are just and reasonable, and thus should be authorized for implementation.

II. BACKGROUND AND PROCEDURAL HISTORY

A. Mandate To Perform Safety Work As Soon As Practicable

On September 9, 2010, a 30-inch diameter natural gas transmission pipeline owned and operated by Pacific Gas and Electric Company ruptured and caught fire in the city of San Bruno, California. This led the Commission to issue Rulemaking (“R.”) 11-02-019, “a forward-looking effort to establish a new model of natural gas pipeline safety regulation applicable to all California pipelines.”⁴

In D.11-06-017, the Commission found that “natural gas transmission pipelines in service in California must be brought into compliance with modern standards for safety” and ordered all California natural gas transmission pipeline operators “to prepare and file a comprehensive Implementation Plan to replace or pressure test all natural gas transmission pipelines in California that has not been tested or for which reliable records are not available.”⁵ The Commission required the submitted plans to provide for testing or replacing all such pipelines “as soon as practicable,”⁶ and also to “address retrofitting pipeline to allow for in-line inspection tools and, where appropriate, automated or remote controlled shut off valves.”⁷ The Commission further directed the utilities to develop plans that “provide for testing or replacing all [segments of natural gas pipelines which were not pressure tested or lack sufficient details related to performance of any such test] as soon as practicable”⁸ and address “all natural gas transmission

⁴ R.11-02-019, mimeo., at 1.

⁵ D.11-06-017, mimeo., at 18-19.

⁶ D.11-06-017, mimeo., at 19.

⁷ D.11-06-017, mimeo., at 21.

⁸ D.11-06-017, mimeo., at 19.

pipeline... even low priority segments,”⁹ while also “[o]btaining the greatest amount of safety value, i.e., reducing safety risk, for ratepayer expenditures.”¹⁰ Many of the requirements of D.11-06-017 were later codified to law at California Public Utilities Code sections 957 and 958.

B. SoCalGas and SDG&E Pipeline Safety Enhancement Plan (“PSEP”)

On August 26, 2011, SoCalGas and SDG&E filed their proposed PSEP. The PSEP included, among other things, a prioritization schedule for the Commission-ordered work and a proposed Decision Tree to guide whether individual segments should be pressure tested, replaced, de-rated, or abandoned.¹¹

To prioritize PSEP work, SoCalGas and SDG&E split projects into Phase 1 and Phase 2. PSEP Phase 1 is further divided into two sub-phases: Phase 1A and Phase 1B. The scope of Phase 1A, as outlined in SoCalGas’ and SDG&E’s PSEP, is to pressure test or replace transmission pipelines in Class 3 and 4 locations and Class 1 and 2 locations in high consequence areas that do not have sufficient documentation of a pressure test to at least 1.25 Maximum Allowable Operating Pressure (“MAOP”). Phase 1B focuses primarily on the replacement of non-piggable pipelines that were installed prior to 1946. Phase 2 also is sub-divided into Phase 2A and Phase 2B. Phase 2A consists of the pressure testing or replacement of about 760 miles of pipeline in Class 1 and 2 non-high consequence areas that do not have sufficient documentation of a pressure test to at least 1.25 times MAOP. No standalone Phase 2B¹² projects are proposed in this Application.

⁹ D.11-06-017, mimeo., at 20.

¹⁰ D.11-06-017, mimeo., at 22.

¹¹ On December 2, 2011, SoCalGas and SDG&E amended their PSEP to include supplemental testimony to address issues identified in an Amended Scoping Ruling issued on November 2, 2011.

¹² Phase 2B involves pressure testing or replacing pipelines with record of a pressure test, but without record of a pressure test to the modern standards embodied in 49 Code of Federal Regulations Part 192, Subpart J. D.16-08-003, mimeo., at 7-8. Certain parties disagree as to whether Phase 2B has been

In June 2014, the Commission issued D.14-06-007 which approved SoCalGas and SDG&E’s proposed PSEP and “adopt[ed] the concepts embodied in the Decision Tree,”¹³ “adopt[ed] the intended scope of work as summarized by the Decision Tree,”¹⁴ and “adopt[ed] the Phase 1 analytical approach for Safety Enhancement...as embodied in the Decision Tree...and related descriptive testimony.”¹⁵ For Phase 1, D.14-06-007 authorizes Applicants to begin work as described in their PSEP and to record costs in two-way balancing accounts subject to refund pending a subsequent reasonableness review.¹⁶ The decision alternatively authorizes Applicants to file for preapproval of specific projects seeking specific guidance.¹⁷

On June 17, 2015, SoCalGas and SDG&E filed Application (“A.”) 15-06-013 seeking authorization to proceed with Phase 2 of their PSEP. In the decision thereon, the Commission ordered Applicants to file, “as soon as possible,”¹⁸ a forecast application for Phase 2 project costs to be incurred in 2017 and 2018.¹⁹ This forecast application is submitted forthwith in accordance with this Commission directive.

C. Regulatory Accounts

In accordance with D.14-06-007, Applicants created the SECCBAs and SEEBAs to record costs associated with Applicants’ Phase 1 projects.²⁰ In D.16-08-003, the Commission

mandated by the Commission, or whether it is necessary. The parties to Applicants’ second reasonableness review for PSEP (A.16-09-005) have agreed that any decision on Phase 2B miles considered in that proceeding would not be precedential as to whether all of Phase 2B has been mandated or is necessary. SoCalGas and SDG&E agree to the same for purposes of this Application.

¹³ D.14-06-007, mimeo., at 2.

¹⁴ D.14-06-007, mimeo., at 22.

¹⁵ D.14-06-007, mimeo., at 59 (Ordering Paragraph 1).

¹⁶ D.14-06-007, mimeo., at 59.

¹⁷ D.14-06-007, mimeo., at 61.

¹⁸ D.16-08-003, mimeo., at 16 (Ordering Paragraph 4).

¹⁹ D.16-08-003, mimeo., at 16 (Ordering Paragraph 4).

²⁰ D.14-06-007, mimeo., at 60 (Ordering Paragraph 4); Advice Letters 4664 and 2300-G.

authorized Applicants to implement fifty-percent interim rate recovery with respect to the SEEBAs and SECCBAs, subject to refund pending reasonableness review.²¹

Also in D.16-08-003 the Commission authorized Applicants to record costs associated with planning and engineering for Phase 2 projects in newly created memorandum accounts and ordered that properly recorded costs would be subject to later ratemaking review pursuant to the schedule adopted.²² The PSEPMAAs were created by SoCalGas Advice Letter 5017-A and SDG&E Advice Letter 2506-G-A for this purpose.²³

III. RELEVANT COMMISSION GUIDANCE

A. Forecasted Revenue Requirement – Just and Reasonable Standard

This is a ratesetting proceeding. Applicants bear the burden of establishing affirmatively the reasonableness of all aspects of their requests herein.²⁴ Pursuant to Public Utilities Code sections 451 and 454, all rates and charges collected by a utility must be “just and reasonable,” and a public utility may not change any rate “except upon a showing before the commission and a finding by the commission that the new rate is justified.”²⁵ Thus, the Commission requires that Applicants demonstrate with admissible evidence that the revenue requirement proposed herein is just and reasonable.²⁶

²¹ D.16-08-003, mimeo., at 16 (Ordering Paragraph 4).

²² D.16-08-003, mimeo., at 8, 14 (Ordering Paragraph 1).

²³ The memorandum accounts were established as PSEP-Phase 2 Memorandum Accounts, or “PSEP-P2MAAs.”

²⁴ D.14-06-007, mimeo., at 12, 55 (Conclusion of Law 3).

²⁵ Pub. Util. Code §§ 451, 454.

²⁶ D.14-06-007, mimeo., at 12; Pub. Util. Code § 451.

B. Burden of Proof - Preponderance of the Evidence

The standard of proof to be applied in determining the reasonableness of Applicants' forecasted revenue requirement is preponderance of the evidence.²⁷ Preponderance of the evidence is defined "in terms of probability of truth, e.g., 'such evidence as, when weighed with that opposed to it, has more convincing force and the greater probability of truth.'"²⁸ Thus, Applicants "must present more evidence that supports the requested result than would support an alternative outcome."²⁹

C. Other Commission Guidance

D.14-06-007 authorizes Applicants to file for preapproval of specific projects seeking approval of a cap or for other specific guidance.³⁰ Moreover, as set forth in D.16-08-003, the Commission prefers forecast applications for the review of large projects such as the PSEP pipeline testing and replacement projects.³¹ Applicants submit these Phase 1B and Phase 2A projects for approval in accordance with this guidance.

IV. SPECIFIC REQUESTS

A. Authorization To Proceed with Certain PSEP Projects

Through PSEP, SoCalGas and SDG&E are tasked with simultaneously executing numerous unique and discrete safety enhancement projects as soon as practicable while continuing to maintain safe and reliable natural gas service to customers. This requires Applicants to design, plan, and construct multiple projects in a coordinated and concerted manner across their combined 24,000-square mile service territory. With over four years of

²⁷ D.14-06-007, mimeo., at 13, 55 (Conclusion of Law 4).

²⁸ D.14-06-007, mimeo., at 13, D.08-12-058; citing Witkin, Calif. Evidence, 4th Edition, Vol. 1, 184.

²⁹ D.14-06-007, mimeo., at 13.

³⁰ D.14-06-007, mimeo., at 61.

³¹ D.16-08-003, mimeo., at 12, 16.

PSEP-specific experience, Applicants have refined and continue to enhance their capabilities in planning, projecting, and executing PSEP projects.

As described hereinabove, the Commission previously has approved the scope of Phase 1B in Applicant’s PSEP³² and has authorized Applicants to file a forecast application for Phase 2A projects.³³ Applicants now seek to execute to completion nine Phase 1B projects and three Phase 2A projects and recover the total associated revenue requirement in customer rates. The twelve projects and their estimated costs are summarized as follows:

Table 1

<u>Line</u>	<u>Phase</u>	<u>Action</u>	<u>Total Estimated Capital Cost (in 000s)</u>	<u>Total Estimated O&M Cost (in 000s)</u>
127	1B	Replace 0.003 mi. (15 feet) ³⁴	\$1,830 ³⁵	
7043	1B	Replace 0.0014 mi (7.5 feet)	\$1,807	
36-37 Section 11	1B	Replace 7.6 miles	\$64,672	
36-1001/45-1001	1B	Replace 1.6 miles	\$14,981	
38-514	1B	Replace 1.4 miles	\$9,992	
38-960	1B	Replace 6.1 miles	\$24,423	
43-121	1B	Replace 0.3 miles	\$11,060	
38-556	2A	Replace 5.6 miles	\$17,357	
36-37 Section 12	1B	De-Rate / Abandon 31 miles	\$20,934	
36-1002	1B	De-Rate 16.7 miles	\$6,372	
Segment 2000C	2A	Test 23 miles	\$4,602	\$27,402
Segment 2000D	2A	Test 14 miles	\$6,084	\$29,638

³² D.14-06-007, mimeo., at 58 (Conclusion of Law 22).

³³ D.16-08-003, mimeo., at 16 (Ordering Paragraph 4).

³⁴ As discussed in the prepared direct testimony of Mr. Gonzalez (Chapter II) at Section VII, while the Decision Tree analysis outcome was to replace this segment of Line 127, Applicants’ analysis of the pipeline characteristics and related documentation suggests that non-destructive examination (“NDE”) would provide a reasonable level of assurance at a significantly lower cost to ratepayers. Accordingly, although Applicants are prepared to replace this segment in accordance with the Decision Tree principles (and have included the cost therefor herein), Applicants request that the Commission review the alternative presented in Mr. Gonzalez’s testimony (Chapter II) and accompanying workpapers and provide guidance to Applicants as to preference between NDE and replacement.

³⁵ The total estimated Operations and Maintenance cost of the alternative NDE option presented is approximately \$911,000.

In complying with the Commission’s directive to obtain “the greatest amount of safety value, i.e., reducing safety risk, for ratepayer expenditures,”³⁶ Applicants have included in the proposed scope of work certain “incidental” and “accelerated”³⁷ miles, as explained in the prepared direct testimony of Ronn Gonzalez (Chapter II). When addressed, these miles are identified with specificity in the accompanying supporting workpapers.

The workpapers³⁸ detail the scope of each project, setting forth the mileage to be addressed and Applicants’ specific proposals following the Commission-approved Decision Tree, as set forth in the prepared direct testimony of Hugo Mejia (Chapter I).³⁹ A justification for each project is provided, including a description of alternatives considered by Applicants. When implicated, the workpapers describe a plan for how Applicants will maintain service to customers while the projects are underway.

³⁶ D.11-06-017, mimeo., at 22.

³⁷ “Accelerated” miles include segments that would otherwise be addressed in a later phase of PSEP under the Decision Tree prioritization process but are advanced in order to realize operating and cost efficiencies. “Incidental” miles are not scheduled to be addressed in PSEP but are included within the scope of work where it is determined addressing them improves cost and program efficiency, addresses implementation constraints, or facilitates the continuity of testing. As explained in the accompanying testimony and workpapers, any Phase 2B segments proposed to be addressed as part of the projects proposed in this Application are so proposed in order to improve cost and program efficiency, address implementation constraints, or facilitate the continuity of testing; i.e., there are no standalone Phase 2B projects proposed in this Application.

³⁸ In order to facilitate an understanding of the workpapers, an Introduction, Construction Summary, and Glossary have also been provided.

³⁹ D.14-06-007, mimeo., at 56 (Conclusion of Law 8).

The workpapers also set forth a proposed schedule based on the Seven Stage Review Process⁴⁰ Applicants developed and have been using to implement PSEP.⁴¹ The schedules are updated as the projects are further developed.

Finally, the workpapers include detailed cost estimates for each project. These estimates were developed at Stage 3 of the Seven Stage Review Process⁴² in accordance with the forecast methodology described in detail in Mr. Gonzalez's prepared direct testimony (Chapter II). The estimates include costs associated with project management, engineering and design, environmental permitting, land acquisition, material and equipment procurement, and construction. They account for site mobilization, site facilities and management, materials, site activities, scope of work, pressure testing, tie-ins, removal of existing pipeline activities, site restoration, field overheads, and support. Detailed assumptions in deriving the cost estimates are stated in each set of workpapers.

The cost estimates for the projects were developed by Applicants' experienced professionals using Applicants' internal estimating tool. As Applicants have refined the tool based on their actual experience planning, projecting, and executing PSEP, Applicants' PSEP expertise has grown and concomitantly cost estimates have become more useful tools in forecasting the expected cost of projects. The estimates prepared for this Application include

⁴⁰ As described in A.16-09-005, the Seven Stage Review Process sequences and schedules PSEP project workflow deliverables and consists of seven stages with specific objectives for each stage, including an evaluation at the end of each stage to verify that objectives have been met. The Seven Stage Review Process is described in detail in the accompanying workpapers at WP-Intro-2 – WP-Intro-3.

⁴¹ Applicants utilized the Seven Stage Review Process in executing the projects for which they seek cost recovery in A.16-09-005 currently pending before the Commission and in the projects for which they were granted cost recovery in D.16-12-008. Among other things, the Seven Stage Review Process includes an analysis of whether miles can be desopped from PSEP through lowering of MAOP or other means that would preclude the need to pressure test or replace pipelines.

⁴² Stage 3 is the beginning of detailed planning where a project execution plan is finalized, baseline schedules are developed, funding estimates are developed, and project funding is obtained. Additional detail regarding Stage 3 is provided in the workpapers at WP-Intro-3.

input from various constituencies who participate in PSEP projects, including but not limited to subject matter experts regarding engineering design, construction, land services, and environmental matters. Notwithstanding the level of rigor and data considered in deriving the estimates, they remain, nevertheless, estimates, and thus cannot account for all circumstances encountered once a project is underway.

B. Approval of Applicants' Forecasted Revenue Requirements

Applicants' fully loaded and escalated forecasted costs for the twelve Commission-ordered safety enhancement projects included in this Application are \$197.5 million for capital and \$57 million for O&M.⁴³ These forecasts translate to a revenue requirement of approximately \$44.6 million for SoCalGas and approximately \$500,000 for SDG&E, for a total revenue requirement of \$45.1 million (without Franchise Fees and Uncollectibles ("FF&U")) to be amortized in January 1, 2019 rates.⁴⁴ The prepared direct testimony of Karen Chan (Chapter IV) details the derivation of the annual revenue requirements for each of Applicants.⁴⁵

The forecasted costs include all applicable costs associated with supporting the PSEP organization and PSEP project execution (referred to as General Management and Administration ("GMA") costs), as described in the prepared direct testimony of Jose Pech (Chapter III); incremental company overheads, as described in the testimony of Ms. Chan

⁴³ As discussed *infra*, these costs also include engineering and design costs incurred to date.

⁴⁴ Ms. Chan's prepared direct testimony (Chapter IV) shows PSEP related costs of \$6.8, \$0.8, and \$38.4 million (with FF&U) in 2017, 2018 and 2019, respectively, for a combined total \$46 million to be recovered in January 1, 2019 rates. While Mr. Chaudhury's prepared direct testimony (Chapter VI) discusses the revenue requirements without FF&U, the illustrative rates in Section D, *infra*, include FF&U.

⁴⁵ The revenue requirement evaluation assumes all capital costs, including Allowance for Funds Used During Construction, are recovered through depreciation over the book-life of the assets and assumes O&M is recovered in the period it is spent. In addition to expenditure amounts, the revenue requirements include all other expenses required to support the investment, including authorized return on investment, income and property taxes, franchise fees, uncollectibles, and working cash associated with O&M.

(Chapter IV); and actual planning and engineering design costs incurred to date, as described in the prepared direct testimony of Ronn Gonzalez (Chapter II). The forecasts are based on certain assumptions detailed in the workpapers for each project and the testimonies of Messrs. Pech (Chapter III) and Gonzalez (Chapter II), including project duration, construction method, environmental considerations, and that use of the Performance Partnership Program or other competitive sourcing methods will drive cost savings.

The forecasted amounts account for disallowances ordered by the Commission, so disallowances are not included in the associated revenue requirement or rate calculation. The twelve projects included in this Application do not implicate certain disallowances pertaining to testing or replacing post-1955 vintage pipelines.⁴⁶ The Commission has ordered two other disallowances: executive incentive compensation⁴⁷ and costs associated with searching for records of pipeline testing.⁴⁸ Accordingly, as described in the testimony of Mr. Gonzalez (Chapter II), neither have been included in the forecasted costs or correlated revenue requirements presented for recovery herein.

C. Proposed Regulatory Accounting Treatment of Costs

In accordance with Commission precedent which authorized Applicants to create the SECCBAs and SEEBAs,⁴⁹ Applicants propose balancing account treatment of actual total costs incurred in executing the twelve projects proposed herein, including the associated forecasted total revenue requirements, on an aggregate basis. Balancing account treatment is consistent with Applicants' prior PSEP cost recovery and promotes fairness to both ratepayers and

⁴⁶ The Commission ordered costs for such segments should be disallowed and further ordered the disallowance of undepreciated book value associated with such segments. *See* D.14-06-007, mimeo., at 56-57 (Conclusions of Law 13 and 14); *see also* D.15-12-020, mimeo., at 23 (Ordering Paragraph 1).

⁴⁷ D.14-06-007, mimeo., at 57-58 (Conclusions of Law 16 and 25).

⁴⁸ D.14-06-007, mimeo., at 4 and 56 (Conclusion of Law 13).

⁴⁹ D.14-06-007, mimeo., at 60 (Ordering Paragraph 4); Advice Letters 4664 and 2300-G.

Applicants for this important Commission-mandated safety enhancement work. With over four years' PSEP experience informing their estimates, Applicants do not anticipate that actual costs will deviate significantly from their detailed estimates unless due to unanticipated occurrences (e.g., those encountered following final scoping and planning stages and into construction, such as the discovery of encroachments, or changes in local permitting requirements, etc.). As described in Applicants' previously filed after-the-fact reasonableness reviews of costs expended in furtherance of PSEP projects, these unanticipated circumstances are nearly impossible to predict or to account for with certainty. Thus, if unanticipated circumstances raise the costs of these projects – which are Commission-ordered safety enhancements and result in tangible ratepayer benefits – then it would be fair for the costs to be borne by ratepayers.⁵⁰ Ultimately, complying with PSEP is an unavoidable cost of providing safe and reliable utility service, is required by the Commission, and is mandated by law.⁵¹

Similarly, if actual costs fall short of forecasted expenditures, then ratepayers will benefit from Applicants' increased efficiencies and savings.⁵²

1. Authorization To Subdivide Existing Phase 1 SEEBAs and SECCBAs

As noted herein and in the prepared direct testimony of Reginald Austria (Chapter V), Applicants have existing SEEBAs and SECCBAs to record the revenue requirements related to

⁵⁰ This is consistent with Commission precedent that, in after-the-fact reasonableness reviews where utilities propose to recover their actual costs, satisfying the reasonable manager standard does not require perfection, perfect foresight, or optimum outcomes. D.90-09-088, mimeo., at 16; D.97-08-055, mimeo., at 54; D.14-07-007, mimeo., at 36.

⁵¹ Pub. Util. Code §§ 957, 958.

⁵² As described further in Section IV C 3, *infra*, and Mr. Austria's prepared direct testimony (Chapter V), Applicants propose that the true-up of balances in the balancing accounts proposed herein be addressed in the Applicants' annual regulatory account balance update advice letter filing for gas transportation rates effective January 1 of the following year. If Applicants determine that any over- or under-collections in the PSEP balancing accounts are due to timing and not due to permanent differences, these balances will be carried over to the following year and not incorporated in the following year's gas transportation rates.

Phase 1 costs. In order to appropriately track costs separately for Phases 1A and 1B, Applicants propose to modify each of their existing SEEBAs and SECCBAs to create two subaccounts: Phase 1A Subaccounts, which would continue to record Phase 1A PSEP activity and other Phase 1 projects that are not included in this Application, and would remain subject to fifty percent interim rate recovery, subject to refund;⁵³ and Phase 1B Subaccounts, which would record on an aggregate project basis the difference between the forecasted revenue requirements adopted in a decision on this Application and the actual costs of the Phase 1B projects proposed herein. Just like the original SEEBAs and SECCBAs, the subaccounts would be interest-bearing accounts.⁵⁴

2. Authorization To Create Phase 2 Balancing Accounts

Similar to the SECCBAs and SEEBAs established pursuant to Commission order for Phase 1,⁵⁵ Applicants each seek the creation of two balancing accounts to record on an aggregate project basis the difference between the forecasted revenue requirements approved by the Commission pursuant to this Application and the corresponding actual costs related to implementing Phase 2 of PSEP: Safety Enhancement Expense Balancing Account – Phase 2 (“SEEBA-P2”) and Safety Enhancement Capital Cost Balancing Account (“SECCBA-P2”). As detailed in Mr. Austria’s (Chapter V) prepared direct testimony, the SEEBA-P2s will be interest-bearing accounts to record on an aggregate basis the difference between actual and forecasted revenue requirements associated with O&M projects, and the SECCBA-P2s will be interest-bearing accounts to record on an aggregate basis the difference between the actual and forecasted revenue requirements associated with capital projects. Unlike the existing Phase 1 balancing

⁵³ D.16-08-003, mimeo., at 15 (Ordering Paragraph 2).

⁵⁴ D.14-06-007, mimeo., at 60 (Ordering Paragraph 4); Advice Letters 4664 and 2300-G.

⁵⁵ D.14-06-007, mimeo., at 60 (Ordering Paragraph 4).

accounts, the SEEBA-P2s and SECCBA-P2s will reflect a credit for the forecasted revenue requirements approved in this proceeding.

Applicants further propose to transfer to the SEEBA-P2s and SECCBA-P2s: (a) those Phase 2A planning and engineering design costs associated with O&M projects that currently are recorded in the PSEPMAAs, and (b) those Phase 2A planning and engineering design costs associated with capital projects that currently are recorded in the Construction Work in Progress accounts.⁵⁶ It is consistent with Applicants' prior cost-recovery applications that the costs of discrete projects be considered together, as a composite, rather than piecemeal.⁵⁷

3. Treatment of Balancing Accounts

As set forth in detail in the testimony of Mr. Austria (Chapter V), Applicants propose that the balances in the Phase 1B Subaccounts of the SEEBAs and SECCBAs and the SEEBA-P2 and SECCBA-P2 accounts be addressed in each utility's annual regulatory account balance update filing for gas transportation rates effective January 1 of the year following a decision on this Application.⁵⁸ With respect to the capital-cost related PSEP balancing accounts (i.e., the SECCBA Phase 1B Subaccounts and SECCBA-P2 accounts), Applicants will continue to balance the difference between actual and forecasted revenue requirements until the Phase 1B and Phase 2 PSEP assets are rolled into authorized ratebase in connection with each Applicant's next General Rate Case.

⁵⁶ CWIP reflects PSEP capital expenditures recorded on Applicants' financial statements (i.e., balance sheet) until the capital project is placed in service. At that time the associated actual revenue requirements (i.e., depreciation, return and taxes) will be quantified based on capital expenditures incurred and be recorded in Applicants' SECCBA-P2s.

⁵⁷ See A.14-12-016 and A.16-09-005. In A.14-12-016, Applicants removed from consideration projects which had not been completed at the time the application was submitted to the Commission. A.16-09-005 seeks cost recovery only for projects that have been completed.

⁵⁸ Upon approval of this regulatory account balance update filing, Applicants will include any over- or under-collection balance in rates, as appropriate, in their consolidated rate Tier 1 filing submitted to the Commission prior to year-end.

D. Authorization To Implement Rate Recovery

Applicants’ fully loaded and escalated forecasted costs for the twelve projects included in this Application are \$197.5 million for capital⁵⁹ and \$57 million for operating and maintenance, which translate to a 2019 revenue requirement of approximately \$44.6 million for SoCalGas and approximately \$500,000 for SDG&E.⁶⁰

Applicants propose to allocate the revenue requirement consistent with the existing cost allocation and rate design for transportation rates, including allocation to the backbone function.⁶¹ PSEP costs functionalized as high pressure distribution costs will be allocated using the existing marginal demand measures for high pressure distribution costs.⁶² The following table illustrates the functional allocation.

Table 2
Forecasted Revenue Requirement by Function (in \$000s)

\$000's	SoCalGas	SDG&E	Total
Backbone Transmission	\$38,874	\$0	\$38,874
Local Transmission	\$3,758	\$562	\$4,319
High Pressure Distribution:	\$1,946	\$0	\$1,946
Total \$000's	\$44,578	\$562	\$45,139

The costs will be amortized in transportation rates over a 12-month period, as discussed further in the prepared direct testimony of Sharim Chaudhury (Chapter VI), commencing January 1 the year following the Commission’s decision on this Application. Applicants propose to implement rates by filing advice letters. The illustrative rate impacts are as follows:

⁵⁹ Capital-related costs include depreciation, taxes and return associated with the cost of the PSEP assets.

⁶⁰ As discussed *infra* at Section IV B, these costs also include engineering and design costs incurred to date.

⁶¹ D.14-06-007, mimeo., at 50, 61 (Ordering Paragraph 9).

⁶² D.16-12-063, mimeo., at 59 (Conclusion of Law 24).

Table 3

Illustrative Transportation Rates				
\$/therm except as noted				
<i>\$/therm except as noted</i>	1/1/2017 Rates	Proposed Rates	Increase (decrease)	% change
<u>SCG Summary</u>				
Core Rates				
Residential	\$0.722	\$0.723	\$0.001	0.2%
Residential class average bill \$/month	\$41.16	\$41.35	\$0.19	0.5%
Core C&I	\$0.296	\$0.297	\$0.001	0.3%
NGV (uncompressed)	\$0.135	\$0.136	\$0.001	0.4%
NonCore Distribution Level Service Rates				
C&I Rate	\$0.070	\$0.071	\$0.001	0.8%
Electric Generation Tier 1	\$0.116	\$0.116	\$0.001	0.5%
Electric Generation Tier 2	\$0.045	\$0.046	\$0.001	1.1%
NonCore Transmission Level Service Rates				
C&I Rate (w/ csitma & CARB Fee adders)	\$0.020	\$0.021	\$0.000	1.8%
Electric Generation Rate (w/CARB Fee)	\$0.016	\$0.016	\$0.000	2.3%
Backbone Transmission Service \$/dth/day	\$0.321	\$0.364	\$0.043	13.4%
Revenue Requirement \$ millions	\$2,548	\$2,593	\$45	1.8%
CARB Fee Credit \$/therm	(\$0.0009)	(\$0.0009)	\$0.0000	0.0%
<u>SDG&E Summary</u>				
Core Rates				
Residential	\$0.962	\$0.962	\$0.001	0.1%
Residential class average bill \$/month	\$37.07	\$37.19	\$0.12	0.3%
Core C&I	\$0.372	\$0.373	\$0.000	0.1%
NGV (uncompressed)	\$0.133	\$0.133	\$0.001	0.4%
NonCore Distribution Level Service Rates				
C&I Rate	\$0.092	\$0.092	\$0.000	0.4%
Electric Generation Tier 1	\$0.116	\$0.117	\$0.001	0.5%
Electric Generation Tier 2	\$0.045	\$0.046	\$0.001	1.1%
NonCore Transmission Level Service Rates				
C&I Rate (w/ csitma & CARB Fee adders)	\$0.017	\$0.018	\$0.000	2.1%
Electric Generation Rate (w/CARB Fee)	\$0.016	\$0.016	\$0.000	2.3%
Revenue Requirement \$ millions	\$396	\$397	\$1	0.1%
CARB Fee Credit \$/therm	(\$0.001)	(\$0.001)	\$0.000	0.0%

As described in the testimonies of Ms. Chan (Chapter IV) and Mr. Austria (Chapter V), as projects are completed, Applicants will calculate for each year, until assets are rolled into

authorized ratebase,⁶³ on an aggregate basis, the difference between actual capital-related and O&M costs and the associated revenue requirements adopted herein and incorporated in rates. Should there be differences between the two, they will be addressed in Applicants' annual regulatory account balance update filing, as appropriate, for rates effective January 1 of the following year.⁶⁴

V. DESCRIPTION OF TESTIMONY

Support for Applicants' requests is provided in the accompanying prepared direct testimonies and workpapers. The direct testimonies describe Applicants' PSEP efforts and provide detail on the plan for implementation and execution of the projects proposed herein, Applicants' forecast methodology, and demonstrate that the revenue requirements correlated to Applicants' estimates are just and reasonable and worthy of rate recovery. The table below lists the direct testimony chapter number, sponsoring witness, and provides a brief description of the testimony.

⁶³ In connection with Applicants' General Rate Case.

⁶⁴ Again, upon approval of this advice letter, the revenue requirement changes associated with regulatory account balances will be incorporated in the Applicants' consolidated rate advice letter filing for gas transportation rates effective January 1 of the following year.

Chapter	Witness	Description and Purpose
I	Mejia	Reaffirms Applicants' commitment to enhancing the safety of the SoCalGas and SDG&E natural gas system promptly and expeditiously in accordance with Commission mandate; describes scope of the 12 Phase 1B and Phase 2A projects proposed, including reduction from "as-filed" mileage; underscores promotion of reducing safety risk for ratepayer expenditures; discusses application of the Commission-approved Phase 1 Decision Tree to Phase 2 projects.
II	Gonzalez	Provides an overview of each project proposed in this Application, including whether incidental or accelerated miles are addressed; describes estimating methodology, including project cost components, and tool; addresses incurred planning and engineering design costs; and discusses disallowances, where implicated.
III	Pech	Discusses PSEP organization that allows for safe, prudent, and expeditious execution of the Commission's safety enhancement mandates; details General Management and Administration costs and incremental overheads (and exclusion of non-incremental overheads), cost tracking and management, and allocation methodology for projects proposed herein.
IV	Chan	Analyzes revenue requirements resulting from forecasted capital and O&M costs of projects proposed herein.
V	Austria	Discusses regulatory accounting treatment of revenue requirements associated with PSEP projects recorded in the existing and proposed balancing accounts.
VI	Chaudhury	Details rate impacts that would result from the amortization of the balances recorded in the regulatory accounts proposed to be created.

The workpapers submitted for each project proposed in this Application detail the scope of each project, setting forth the mileage to be addressed, application of the Decision Tree, project justification, plan to minimize or preclude customer impacts, project schedule, robust cost estimates, and list of assumptions.

VI. STATUTORY AND PROCEDURAL REQUIREMENTS

A. Rule 2.1 (a) – (c)

This Application is made pursuant to Sections 451, 454, 489, 491, 701, 728, 729, 957, and 958 of the Public Utilities Code of the State of California, the Commission’s Rules of Practice and Procedure, and relevant decisions, orders, and resolutions of the Commission. In accordance with Rule 2.1 (a) - (c) of the Commission’s Rules of Practice and Procedure, SoCalGas and SDG&E provide the following information.

1. Rule 2.1 (a) – Legal Name

SoCalGas is a public utility corporation organized and existing under the laws of the State of California. SoCalGas’ principal place of business and mailing address is 555 West Fifth Street, Los Angeles, California, 90013.

SDG&E is a public utility corporation organized and existing under the laws of the State of California. SDG&E is engaged in the business of providing electric service in a portion of Orange County and electric and gas service in San Diego County. SDG&E’s principal place of business is 8330 Century Park Court, San Diego, California, 92123.

2. Rule 2.1 (b) – Correspondence

All correspondence and communications to SoCalGas and SDG&E regarding this Application should be addressed to:

BRIAN HOFF

Regulatory Case Manager for:

**SOUTHERN CALIFORNIA GAS COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY**
555 West Fifth Street, GT-14D6
Los Angeles, California 90013
Telephone: (213) 244-3543
Facsimile: (213) 244-4957
E-mail: BHoff@semprautilities.com

A copy should also be sent to:

AVISHA A. PATEL

Attorney (and Party) for:

**SOUTHERN CALIFORNIA GAS COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY**

555 West Fifth Street, GT-14E7

Los Angeles, California 90013

Telephone: (213) 244-2954

Facsimile: (213) 629-9620

E-mail: APatel@semprautilities.com

3. Rule 2.1 (c)

a. Proposed Category of Proceeding

SoCalGas and SDG&E propose that this proceeding be categorized as “Ratesetting” under Rule 1.3(e) because the Application will have a potential future effect on SoCalGas and SDG&E’s rates.

b. Need for Hearings

SoCalGas and SDG&E anticipate that evidentiary hearings will be necessary.

c. Issues to be Considered and Relevant Safety Considerations

The principal issues to be considered in this proceeding are (1) whether certain two-way balancing accounts and sub-accounts should be created; and (2) whether SoCalGas’ and SDG&E’s revenue requirements associated with the forecasted costs presented in this Application and proposed to be recorded in their respective SECCBA Phase 1B Subaccounts, SECCBA-P2s, and SEEBBA-P2s are justified for rate recovery.

PSEP is safety driven. This Application proposes commencing two additional phases of Applicants’ Commission-ordered and approved PSEP, provides for rate recovery of forecasted PSEP costs, and could impact future safety enhancement work if the Commission issues guidance on future PSEP work and activities.

d. Proposed Schedule

SoCalGas and SDG&E propose the following schedule for this Application:

EVENT	DATE
Application	March 30, 2017
Responses/Protests	May 1, 2017 (30 days from Daily Calendar notice)
SoCalGas/SDG&E Reply Responses/Protests	May 11, 2017
Prehearing Conference	June 22, 2017
Intervenor Testimony	September 21, 2017
Rebuttal Testimony	November 2, 2017
Evidentiary Hearings	December 11-15, 2017
Opening Briefs	February 7, 2018
Reply Briefs	March 7, 2018
Proposed Decision	May 2018
Commission Decision	June 2018

4. Rule 2.2 – Articles of Incorporation

A copy of SoCalGas’ Restated Articles of Incorporation, as last amended, presently in effect and certified by the California Secretary of State, was previously filed with the Commission on October 1, 1998, in connection with A.98-10-012, and is incorporated herein by reference.

A copy of SDG&E’s Restated Articles of Incorporation as last amended, presently in effect and certified by the California Secretary of State, was filed with the Commission on September 10, 2014 in connection with SDG&E’s Application No. 14-09-008, and is incorporated herein by reference.

B. Rule 3.2 (a) – (d)

In accordance with Rule 3.2 (a) - (d) of the Commission's Rules of Practice and Procedure, SoCalGas and SDG&E provide the following information.

1. Rule 3.2 (a)(1) – Balance Sheet and Income Statement

The most recent updated Balance Sheet and Income Statements for SoCalGas and SDG&E are attached to this application as Attachment A and Attachment B, respectively.

2. Rule 3.2(a)(2) and (3) – Statement of Present and Proposed Rates

The rate changes that will result from this application are described in Attachment C and Attachment D for SoCalGas and SDG&E, respectively.

3. Rule 3.2(a)(4) – Description of Applicant's Property and Equipment

A general description of SoCalGas' property and equipment was previously filed with the Commission on May 3, 2004 in connection with SoCalGas' Application 04-05-008, and is incorporated herein by reference. A statement of Original Cost and Depreciation Reserve as of December 31, 2016 is attached as Attachment E.

A general description of SDG&E's property and equipment was filed with the Commission on October 5, 2001, in connection with Application 01-10-005, and is incorporated herein by reference. A statement of Original Cost and Depreciation Reserve as of December 31, 2016 is attached as Attachment F.

4. Rules 3.2(a)(5) and (6) – Summary of Earnings

The summary of earnings for SoCalGas and SDG&E are included herein as Attachment G and Attachment H.

5. Rule 3.2(a)(7) – Depreciation

For financial statement purposes, depreciation of utility plant has been computed on a straight-line remaining life basis at rates based on the estimated useful lives of plant properties. For federal income tax accrual purposes, SoCalGas and SDG&E generally compute depreciation using the straight-line method for tax property additions prior to 1954, and liberalized depreciation, which includes Class Life and Asset Depreciation Range Systems, on tax property additions after 1954 and prior to 1981. For financial reporting and rate-fixing purposes, “flow through accounting” has been adopted for such properties. For tax property additions in years 1981 through 1986, SoCalGas and SDG&E have computed their tax depreciation using the Accelerated Cost Recovery System. For years after 1986, SoCalGas and SDG&E have computed their tax depreciation using the Modified Accelerated Cost Recovery Systems and, since 1982, have normalized the effects of the depreciation differences in accordance with the Economic Recovery Tax Act of 1981 and the Tax Reform Act of 1986.

6. Rule 3.2(a)(8) – Proxy Statement

A copy of SoCalGas’ most recent proxy statement, dated April 22, 2016, was mailed to the Commission on April 29, 2016, and is incorporated herein by reference.

A copy of most recent proxy statement sent to all shareholders of SDG&E’s parent company, Sempra Energy, dated March 25, 2016, was mailed to the Commission on April 29, 2016, and is incorporated herein by reference.

7. Rule 3.2(a)(10) – Statement re Pass Through to Customers

This Application will seek the Commission’s authorization to revise SoCalGas and SDG&E’s current base rate revenue requirement to recover their projected costs of their

operations, as well as owning and operating their natural gas facilities and infrastructure, for the purposes of serving their customers. It is not only a pass through of costs.

8. Rule 3.2 (b) – Notice to State, Cities and Counties

SoCalGas and SDG&E will, within twenty days after the filing this Application, mail a notice to the State of California and to the cities and counties in its service territory and all parties to A.15-06-013 (SoCalGas and SDG&E’s Phase 2 PSEP proceeding), A.14-12-016 (SoCalGas and SDG&E’s Pipeline Safety & Reliability Memorandum Account proceeding), A.16-09-005 (SoCalGas and SDG&E’s 2016 Reasonableness Review), and A.11-11-002 (SoCalGas and SDG&E’s 2013 TCAP/PSEP proceeding).

9. Rule 3.2 (c) – Newspaper Publication

SoCalGas and SDG&E will, within twenty days after the filing of this Application, publish in newspapers of general circulation in each county in their service territory notice of this Application.

10. Rule 3.2 (d) – Bill Insert Notice

SoCalGas and SDG&E will, within 45 days after the filing of this Application, provide notice of this Application to their customers along with the regular bills sent to those customers that will generally describe the proposed rate changes addressed in this Application.

VII. CONCLUSION

Through PSEP, SoCalGas and SDG&E continue to invest in the safety of their natural gas transmission system. These investments will enhance the safety of California’s natural gas infrastructure not only in the near term but also for decades to come. In order to expedite this important safety work and to allow for implementation of forecasted revenue requirements in

rates, and for the reasons described above and in the prepared direct testimony and workpapers supporting this application, SoCalGas and SDG&E respectfully request that the Commission:

- Approve application of the Commission-approved Decision Tree to Applicants' Phase 2 PSEP;
- Approve Applicants' forecasted costs associated with the completion of the nine Phase 1B projects presented in this Application;
- Advise of a preference between following the Decision Tree and replacing a segment of Line 127 or conducting NDE on that segment instead;
- Approve Applicants' forecasted costs associated with the three Phase 2A projects presented in this Application;
- Find just and reasonable, and authorize Applicants to recover in rates, the forecasted revenue requirement associated with completion of the twelve projects presented in this Application;
- Approve Applicants' proposed regulatory accounting treatment of forecasted and actual costs associated with the twelve projects, on an aggregate basis, presented in this Application;
- Approve for filing with the Commission the proposed preliminary statements (appended to the prepared direct testimony of Reginald Austria (Chapter V)) for the balancing accounts proposed herein;
- Authorize Applicants to subdivide the existing SECCBA accounts into the two subaccounts proposed in this Application: Phase 1A Subaccount and Phase 1B Subaccount;

- Authorize Applicants to subdivide the existing SEEBA accounts into the two subaccounts proposed in this Application: Phase 1A Subaccount and Phase 1B Subaccount;
- Authorize Applicants to create two new balancing accounts for Phase 2 as proposed in this Application -- SECCBA-P2 and SEEBA-P2 -- and to transfer costs tracked in the PSEPMA's into these new balancing accounts;
- Find SoCalGas and SDG&E correctly have allocated PSEP revenue requirements by functional area;
- Authorize Applicants to begin to implement in transportation rates the revenue requirements associated with the twelve projects proposed in this Application effective January 1 of the year following a decision on this Application via Tier 1 Advice Letter;
- Authorize Applicants to balance, on an aggregate basis, the actual capital and O&M costs with the associated forecasted revenue requirements and to address any differences, as appropriate, in the Applicants' Annual Regulatory Account Balance Update Tier 2 Advice Letter filing with the Commission;
- Authorize SoCalGas and SDG&E to recover the ongoing capital-related revenue requirements associated with capital expenditures approved in this proceeding through a Tier 2 Advice Letter until such costs are incorporated in base rates in connection with the SoCalGas and SDG&E's next General Rate Case proceeding;
and
- Provide such other and further ratemaking relief relating to PSEP as the Commission deems necessary or appropriate.

Respectfully submitted,

By: /s/ David Buczkowski
 DAVID BUCZKOWSKI

Vice President – Gas Engineering and Major Projects for:

**SOUTHERN CALIFORNIA GAS COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY**

By: /s/ Avisha A. Patel
 AVISHA A. PATEL

AVISHA A. PATEL

Attorney for:

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E-mail: APatel@semprautilities.com

June 21, 2017

OFFICER VERIFICATION

I am an officer of Southern California Gas Company and San Diego Gas & Electric Company and am authorized to make this verification on their behalf. The matters stated in the foregoing Application are true to my own knowledge, except as to matters that are stated therein on information and belief, and as to those matters I believe them to be true.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this 21st day of June, 2017, at Los Angeles, California.

By: /s/ David Buczkowski
 DAVID BUCZKOWSKI

Vice President – Gas Engineering and Major Projects for:

**SOUTHERN CALIFORNIA GAS COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY**

ATTACHMENT A

Southern California Gas Company
Balance Sheet and Income Statement

**SOUTHERN CALIFORNIA GAS COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
DECEMBER 31, 2016**

	1. UTILITY PLANT	<u>2016</u>
101	UTILITY PLANT IN SERVICE	\$14,378,623,921
102	UTILITY PLANT PURCHASED OR SOLD	-
105	PLANT HELD FOR FUTURE USE	-
106	COMPLETED CONSTRUCTION NOT CLASSIFIED	-
107	CONSTRUCTION WORK IN PROGRESS	882,711,320
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(5,183,509,007)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(48,816,615)
117	GAS STORED-UNDERGROUND	<u>61,422,045</u>
	TOTAL NET UTILITY PLANT	<u>10,090,431,664</u>
 2. OTHER PROPERTY AND INVESTMENTS		
121	NONUTILITY PROPERTY	33,971,426
122	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY	(13,251,382)
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
	NONCURRENT PORTION OF ALLOWANCES	108,856,088
124	OTHER INVESTMENTS	12,538
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	3,000,000
175	LONG TERM PORTION OF DERIVATIVE ASSETS	<u>21,760</u>
	TOTAL OTHER PROPERTY AND INVESTMENTS	<u>132,610,430</u>

Data from SPL as of April 13, 2017.

**SOUTHERN CALIFORNIA GAS COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
DECEMBER 31, 2016**

3. CURRENT AND ACCRUED ASSETS		2016
131	CASH	11,704,951
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	89,641
136	TEMPORARY CASH INVESTMENTS	-
141	NOTES RECEIVABLE	-
142	CUSTOMER ACCOUNTS RECEIVABLE	636,370,307
143	OTHER ACCOUNTS RECEIVABLE	25,273,939
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(4,401,513)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	-
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	8,356,458
151	FUEL STOCK	-
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	64,390,497
155	MERCHANDISE	-
156	OTHER MATERIALS AND SUPPLIES	-
158	GHG ALLOWANCE	132,578,104
	(LESS) NONCURRENT PORTION OF ALLOWANCES	(108,856,088)
163	STORES EXPENSE UNDISTRIBUTED	301,869
164	GAS STORED	10,923,522
165	PREPAYMENTS	24,245,442
171	INTEREST AND DIVIDENDS RECEIVABLE	2,423,206
173	ACCRUED UTILITY REVENUES	-
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	38,675,911
175	DERIVATIVE INSTRUMENT ASSETS	3,613,007
176	LONG TERM PORTION OF DERIVATIVE ASSETS	(21,760)
	TOTAL CURRENT AND ACCRUED ASSETS	845,667,493
4. DEFERRED DEBITS		
181	UNAMORTIZED DEBT EXPENSE	19,654,489
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	2,579,059,998
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	16,190,719
184	CLEARING ACCOUNTS	(993,751)
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	861,467,693
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	7,863,267
190	ACCUMULATED DEFERRED INCOME TAXES	632,645,724
191	UNRECOVERED PURCHASED GAS COSTS	-
	TOTAL DEFERRED DEBITS	4,115,888,139
	TOTAL ASSETS AND OTHER DEBITS	\$ 15,184,597,726

Data from SPL as of April 13, 2017.

**SOUTHERN CALIFORNIA GAS COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
DECEMBER 31, 2016**

5. PROPRIETARY CAPITAL

	2016
201 COMMON STOCK ISSUED	(834,888,907)
204 PREFERRED STOCK ISSUED	(21,551,075)
207 PREMIUM ON CAPITAL STOCK	-
208 OTHER PAID-IN CAPITAL	-
210 GAIN ON RETIRED CAPITAL STOCK	(9,722)
211 MISCELLANEOUS PAID-IN CAPITAL	(31,306,680)
214 CAPITAL STOCK EXPENSE	143,261
216 UNAPPROPRIATED RETAINED EARNINGS	(2,644,571,969)
219 ACCUMULATED OTHER COMPREHENSIVE INCOME	21,757,822
	(3,510,427,270)

6. LONG-TERM DEBT

221 BONDS	(3,000,000,000)
224 OTHER LONG-TERM DEBT	(9,338,770)
225 UNAMORTIZED PREMIUM ON LONG-TERM DEBT	-
226 UNAMORTIZED DISCOUNT ON LONG-TERM DEBT	7,483,412
	(3,001,855,358)

7. OTHER NONCURRENT LIABILITIES

227 OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	0
228.2 ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	(150,835,716)
228.3 ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	(806,398,025)
228.4 ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	-
245 NONCURRENT DERIVATIVE INSTRUMENT LIABILITIES	(6,528)
230 ASSET RETIREMENT OBLIGATIONS	(1,658,855,755)
	(2,616,096,024)

Data from SPL as of April 13, 2017.

**SOUTHERN CALIFORNIA GAS COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
DECEMBER 31, 2016**

8. CURRENT AND ACCRUED LIABILITES		2016
231	NOTES PAYABLE	(61,997,000)
232	ACCOUNTS PAYABLE	(560,876,109)
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	(27,896,809)
235	CUSTOMER DEPOSITS	(75,806,209)
236	TAXES ACCRUED	(5,984,365)
237	INTEREST ACCRUED	(20,473,784)
238	DIVIDENDS DECLARED	(323,265)
241	TAX COLLECTIONS PAYABLE	(21,550,743)
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(234,818,445)
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	(369,542)
244	DERIVATIVE INSTRUMENT LIABILITIES	(1,350,940)
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	6,528
	TOTAL CURRENT AND ACCRUED LIABILITIES	(1,011,440,683)
9. DEFERRED CREDITS		
252	CUSTOMER ADVANCES FOR CONSTRUCTION	(76,909,917)
	OTHER DEFERRED CREDITS	(237,307,241)
254	OTHER REGULATORY LIABILITIES	(2,380,240,672)
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(11,741,528)
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	-
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	(1,624,143,332)
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	(714,435,701)
	TOTAL DEFERRED CREDITS	(5,044,778,391)
	TOTAL LIABILITIES AND OTHER CREDITS	\$ (15,184,597,726)

Data from SPL as of April 13, 2017.

SOUTHERN CALIFORNIA GAS COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
TWELVE MONTHS ENDED DECEMBER 31, 2016

1. UTILITY OPERATING INCOME

400	OPERATING REVENUES		3,470,973,027
401	OPERATING EXPENSES	2,114,428,417	
402	MAINTENANCE EXPENSES	206,158,925	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	475,606,324	
408.1	TAXES OTHER THAN INCOME TAXES	94,727,104	
409.1	INCOME TAXES	45,300,375	
410.1	PROVISION FOR DEFERRED INCOME TAXES	504,468,842	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(405,224,048)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	(1,945,017)	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	(176,565)	
411.7	LOSS FROM DISPOSITION OF UTILITY PLANT	-	
	TOTAL OPERATING REVENUE DEDUCTIONS		3,033,344,357
	NET OPERATING INCOME		437,628,670

2. OTHER INCOME AND DEDUCTIONS

415	REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK	-	
417	REVENUES FROM NONUTILITY OPERATIONS	-	
417.1	EXPENSES OF NONUTILITY OPERATIONS	(345,324)	
418	NONOPERATING RENTAL INCOME	505,556	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	4,143,451	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	40,159,809	
421	MISCELLANEOUS NONOPERATING INCOME	(934,094)	
	TOTAL OTHER INCOME	43,529,398	
421.2	LOSS ON DISPOSITION OF PROPERTY	(411,122)	
425	MISCELLANEOUS AMORTIZATION	(3,254)	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	(29,839,653)	
		(30,254,029)	
408.2	TAXES OTHER THAN INCOME TAXES	(130,635)	
409.2	INCOME TAXES	5,170,458	
410.2	PROVISION FOR DEFERRED INCOME TAXES	(86,496,090)	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	81,006,862	
420	INVESTMENT TAX CREDITS	-	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	(449,405)	
	TOTAL OTHER INCOME AND DEDUCTIONS		12,825,964
	INCOME BEFORE INTEREST CHARGES		450,454,634
	NET INTEREST CHARGES*		99,969,057
	NET INCOME		\$350,485,577

*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION. (\$13,582,516)

Data from SPL as of April 13, 2017.

STATEMENT OF INCOME AND RETAINED EARNINGS
TWELVE MONTHS ENDED DECEMBER 31, 2016

3. RETAINED EARNINGS

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$2,295,379,456
NET INCOME (FROM PRECEDING PAGE)	350,485,577
DIVIDEND TO PARENT COMPANY	-
DIVIDENDS DECLARED - PREFERRED STOCK	(1,293,064)
OTHER RETAINED EARNINGS ADJUSTMENT	<u>-</u>
RETAINED EARNINGS AT END OF PERIOD	<u><u>\$2,644,571,969</u></u>

ATTACHMENT B

San Diego Gas & Electric Company
Balance Sheet and Income Statement

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
December 31, 2016

	1. UTILITY PLANT	<u>2016</u>
101	UTILITY PLANT IN SERVICE	\$15,427,433,007
102	UTILITY PLANT PURCHASED OR SOLD	-
104	UTILITY PLANT LEASED TO OTHERS	85,194,000
105	PLANT HELD FOR FUTURE USE	11,307,728
106	COMPLETED CONSTRUCTION NOT CLASSIFIED	-
107	CONSTRUCTION WORK IN PROGRESS	1,180,949,603
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(4,888,267,176)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(647,464,698)
114	ELEC PLANT ACQUISITION ADJ	3,750,722
115	ACCUM PROVISION FOR AMORT OF ELECTRIC PLANT ACQUIS ADJ	(1,250,240)
118	OTHER UTILITY PLANT	1,159,740,000
119	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF OTHER UTILITY PLANT	(273,925,071)
120	NUCLEAR FUEL - NET	-
	TOTAL NET UTILITY PLANT	<u>12,057,467,874</u>

	2. OTHER PROPERTY AND INVESTMENTS	
121	NONUTILITY PROPERTY	5,946,616
122	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION	(364,300)
158	NON-CURRENT PORTION OF ALLOWANCES	182,186,711
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
124	OTHER INVESTMENTS	-
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	1,026,292,476
175	LONG-TERM PORTION OF DERIVATIVE ASSETS	<u>74,686,837</u>
	TOTAL OTHER PROPERTY AND INVESTMENTS	<u>1,288,748,340</u>

Data from SPL as of April 18, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
December 31, 2016

3. CURRENT AND ACCRUED ASSETS		2016
131	CASH	1,666,494
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	500
136	TEMPORARY CASH INVESTMENTS	-
141	NOTES RECEIVABLE	-
142	CUSTOMER ACCOUNTS RECEIVABLE	290,548,308
143	OTHER ACCOUNTS RECEIVABLE	16,989,164
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(4,268,739)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	31,230,276
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	875,047
151	FUEL STOCK	2,289,968
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	112,815,264
156	OTHER MATERIALS AND SUPPLIES	-
158	ALLOWANCES	198,409,740
158	LESS: NON-CURRENT PORTION OF ALLOWANCES	(182,186,711)
163	STORES EXPENSE UNDISTRIBUTED	-
164	GAS STORED	243,883
165	PREPAYMENTS	188,552,215
171	INTEREST AND DIVIDENDS RECEIVABLE	714,901
173	ACCRUED UTILITY REVENUES	67,615,000
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	2,294,000
175	DERIVATIVE INSTRUMENT ASSETS	132,560,020
175	LESS: LONG -TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS	(74,686,837)
TOTAL CURRENT AND ACCRUED ASSETS		785,662,493
4. DEFERRED DEBITS		
181	UNAMORTIZED DEBT EXPENSE	32,459,597
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	2,802,840,070
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	117,519
184	CLEARING ACCOUNTS	2,015,793
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	23,389,953
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	12,069,663
190	ACCUMULATED DEFERRED INCOME TAXES	316,952,547
TOTAL DEFERRED DEBITS		3,189,845,142
TOTAL ASSETS AND OTHER DEBITS		17,321,723,849

Data from SPL as of April 18, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
December 31, 2016

5. PROPRIETARY CAPITAL

		2016
201	COMMON STOCK ISSUED	(\$291,458,395)
204	PREFERRED STOCK ISSUED	-
207	PREMIUM ON CAPITAL STOCK	(591,282,978)
210	GAIN ON RETIRED CAPITAL STOCK	-
211	MISCELLANEOUS PAID-IN CAPITAL	(479,665,369)
214	CAPITAL STOCK EXPENSE	24,605,640
216	UNAPPROPRIATED RETAINED EARNINGS	(4,310,137,617)
219	ACCUMULATED OTHER COMPREHENSIVE INCOME	7,479,065
	TOTAL PROPRIETARY CAPITAL	(5,640,459,654)

6. LONG-TERM DEBT

221	BONDS	(4,348,934,000)
223	ADVANCES FROM ASSOCIATED COMPANIES	-
224	OTHER LONG-TERM DEBT	-
225	UNAMORTIZED PREMIUM ON LONG-TERM DEBT	-
226	UNAMORTIZED DISCOUNT ON LONG-TERM DEBT	10,660,618
	TOTAL LONG-TERM DEBT	(4,338,273,382)

7. OTHER NONCURRENT LIABILITIES

227	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	(588,687,033)
228.2	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	(25,181,795)
228.3	ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	(235,792,423)
228.4	ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	-
244	LONG TERM PORTION OF DERIVATIVE LIABILITIES	(176,818,615)
230	ASSET RETIREMENT OBLIGATIONS	(828,608,319)
	TOTAL OTHER NONCURRENT LIABILITIES	(1,855,088,185)

Data from SPL as of April 18, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
December 31, 2016

8. CURRENT AND ACCRUED LIABILITES

		2016
231	NOTES PAYABLE	0
232	ACCOUNTS PAYABLE	(496,331,988)
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	(43,228,051)
235	CUSTOMER DEPOSITS	(76,071,281)
236	TAXES ACCRUED	(2,924,576)
237	INTEREST ACCRUED	(44,771,962)
238	DIVIDENDS DECLARED	-
241	TAX COLLECTIONS PAYABLE	(4,842,783)
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(191,563,413)
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	(43,031,527)
244	DERIVATIVE INSTRUMENT LIABILITIES	(224,679,048)
244	LESS: LONG-TERM PORTION OF DERIVATIVE LIABILITIES	176,818,615
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	-
	TOTAL CURRENT AND ACCRUED LIABILITIES	(950,626,014)

9. DEFERRED CREDITS

252	CUSTOMER ADVANCES FOR CONSTRUCTION	(59,214,600)
253	OTHER DEFERRED CREDITS	(389,435,074)
254	OTHER REGULATORY LIABILITIES	(963,593,974)
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(16,035,272)
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	-
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	(2,236,989,173)
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	(872,008,521)
	TOTAL DEFERRED CREDITS	(4,537,276,614)

TOTAL LIABILITIES AND OTHER CREDITS (\$17,321,723,849)

(\$4,537,276,614)

Data from SPL as of April 18, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
Twelve Months Ended December 31, 2016

1. UTILITY OPERATING INCOME

400	OPERATING REVENUES		\$4,675,441,554
401	OPERATING EXPENSES	\$2,813,748,005	
402	MAINTENANCE EXPENSES	147,675,353	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	609,479,576	
408.1	TAXES OTHER THAN INCOME TAXES	130,167,481	
409.1	INCOME TAXES	22,002,634	
410.1	PROVISION FOR DEFERRED INCOME TAXES	627,850,891	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(366,146,724)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	(2,693,659)	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	-	
		<hr/>	
	TOTAL OPERATING REVENUE DEDUCTIONS		<u>3,982,083,557</u>
	NET OPERATING INCOME		693,357,997

2. OTHER INCOME AND DEDUCTIONS

415	REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK	-	
417	REVENUES OF NONUTILITY OPERATIONS	10,231	
417.1	EXPENSES OF NONUTILITY OPERATIONS	12,707	
418	NONOPERATING RENTAL INCOME	33,467	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	5,785,275	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	46,452,775	
421	MISCELLANEOUS NONOPERATING INCOME	3,203,447	
421.1	GAIN ON DISPOSITION OF PROPERTY	-	
		<hr/>	
	TOTAL OTHER INCOME	<u>55,497,902</u>	
421.2	LOSS ON DISPOSITION OF PROPERTY	-	
425	MISCELLANEOUS AMORTIZATION	250,048	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	2,892,555	
		<hr/>	
	TOTAL OTHER INCOME DEDUCTIONS	<u>3,142,603</u>	
408.2	TAXES OTHER THAN INCOME TAXES	647,229	
409.2	INCOME TAXES	230,873	
410.2	PROVISION FOR DEFERRED INCOME TAXES	17,722,396	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(19,449,488)	
		<hr/>	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	<u>(848,990)</u>	
	TOTAL OTHER INCOME AND DEDUCTIONS		<u>53,204,289</u>
	INCOME BEFORE INTEREST CHARGES		746,562,286
	EXTRAORDINARY ITEMS AFTER TAXES		0
	NET INTEREST CHARGES*		<u>176,992,974</u>
	NET INCOME		<u><u>\$569,569,312</u></u>

*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (\$15,132,370)

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
Twelve Months Ended December 31, 2016

3. RETAINED EARNINGS

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$3,892,862,778
NET INCOME (FROM PRECEDING PAGE)	569,569,312
DIVIDEND TO PARENT COMPANY	(175,000,000)
DIVIDENDS DECLARED - PREFERRED STOCK	0
OTHER RETAINED EARNINGS ADJUSTMENTS	22,705,527
RETAINED EARNINGS AT END OF PERIOD	<u>\$4,310,137,617</u>

ATTACHMENT C

Southern California Gas Company
Statement of Present and Proposed Rates

TABLE 1
Natural Gas Transportation Rates
Southern California Gas Company
January, 2017 Rates
03/27/17
01/01/2019 Rates

	Present Rates			Proposed Rates			Changes		
	Jan-1-17	Proposed	Jan-1-17	Jan-1-19	Proposed	Jan-1-19	Revenue	Rate	% Rate
	Volumes	Rate	Revenues	Volumes	Rate	Revenues	Change	Change	change
	Mth	\$/therm	\$000's	Mth	\$/therm	\$000's	\$000's	\$/therm	%
	A	B	C	D	E	F	G	H	I
1 CORE									
2 Residential	2,435,160	\$0.72180	\$1,757,699	2,435,160	\$0.72299	\$1,760,589	\$2,890	\$0.00119	0.2%
3 Commercial & Industrial	1,023,186	\$0.29588	\$302,742	1,023,186	\$0.29671	\$303,589	\$847	\$0.00083	0.3%
4									
5 NGV - Pre SempraWide	157,095	\$0.13927	\$21,879	157,095	\$0.13980	\$21,962	\$82	\$0.00052	0.4%
6 SempraWide Adjustment	157,095	\$0.01051	\$1,652	157,095	\$0.01049	\$1,649	(\$3)	(\$0.00002)	-0.2%
7 NGV - Post SempraWide	157,095	\$0.14979	\$23,531	157,095	\$0.15029	\$23,611	\$80	\$0.00051	0.3%
8									
9 Gas A/C	772	\$0.13100	\$101	772	\$0.13134	\$101	\$0	\$0.00035	0.3%
10 Gas Engine	20,699	\$0.16154	\$3,344	20,699	\$0.16154	\$3,344	\$0	\$0.00000	0.0%
11 Total Core	3,636,911	\$0.57395	\$2,087,416	3,636,911	\$0.57500	\$2,091,233	\$3,817	\$0.00105	0.2%
12									
13 NONCORE COMMERCIAL & INDUSTRIAL									
14 Distribution Level Service	865,102	\$0.07016	\$60,697	865,102	\$0.07073	\$61,186	\$489	\$0.00057	0.8%
15 Transmission Level Service (2)	660,238	\$0.02036	\$13,441	660,238	\$0.02072	\$13,682	\$241	\$0.00037	1.8%
16 Total Noncore C&I	1,525,339	\$0.04860	\$74,138	1,525,339	\$0.04908	\$74,868	\$730	\$0.00048	1.0%
17									
18 NONCORE ELECTRIC GENERATION									
19 Distribution Level Service									
20 Pre Sempra Wide	285,096	\$0.07387	\$21,060	285,096	\$0.07445	\$21,224	\$165	\$0.00058	0.8%
21 Sempra Wide Adjustment	285,096	(\$0.00927)	(\$2,642)	285,096	(\$0.00933)	(\$2,659)	(\$17)	(\$0.00006)	0.6%
22 Distribution Post Sempra Wide	285,096	\$0.06460	\$18,417	285,096	\$0.06512	\$18,565	\$148	\$0.00052	0.8%
23 Transmission Level Service (2)	2,392,699	\$0.01542	\$36,891	2,392,699	\$0.01578	\$37,765	\$874	\$0.00037	2.4%
24 Total Electric Generation	2,677,795	\$0.02065	\$55,308	2,677,795	\$0.02104	\$56,330	\$1,022	\$0.00038	1.8%
25									
26 TOTAL RETAIL NONCORE	4,203,134	\$0.03080	\$129,446	4,203,134	\$0.03121	\$131,198	\$1,752	\$0.00042	1.4%
27									
28 WHOLESALE									
29 Wholesale Long Beach (2)	73,520	\$0.01518	\$1,116	73,520	\$0.01554	\$1,143	\$27	\$0.00037	2.4%
30 Wholesale SWG (2)	65,367	\$0.01518	\$992	65,367	\$0.01554	\$1,016	\$24	\$0.00037	2.4%
31 Wholesale Vernon (2)	95,137	\$0.01518	\$1,444	95,137	\$0.01554	\$1,478	\$35	\$0.00037	2.4%
32 International (2)	91,378	\$0.01518	\$1,387	91,378	\$0.01554	\$1,420	\$33	\$0.00037	2.4%
33 Total Wholesale & International	325,403	\$0.01518	\$4,938	325,403	\$0.01554	\$5,057	\$119	\$0.00037	2.4%
34 SDGE Wholesale	1,251,556	\$0.01040	\$13,021	1,251,556	\$0.01040	\$13,021	\$0	\$0.00000	0.0%
35 Total Wholesale Incl SDGE	1,576,959	\$0.01139	\$17,959	1,576,959	\$0.01146	\$18,078	\$119	\$0.00008	0.7%
36									
37 TOTAL NONCORE	5,780,093	\$0.02550	\$147,405	5,780,093	\$0.02583	\$149,276	\$1,871	\$0.00032	1.3%
38									
39 Unbundled Storage (4)			\$18,646			\$18,646	\$0		
40 System Total (w/o BTS)	9,417,004	\$0.23930	\$2,253,467	9,417,004	\$0.23990	\$2,259,154	\$5,688	\$0.00060	0.3%
41 Backbone Trans. Service BTS (3)	2,515	\$0.32070	\$294,440	2,515	\$0.36377	\$333,988	\$39,549	\$0.04308	13.4%
42 SYSTEM TOTALw/BTS	9,417,004	\$0.27056	\$2,547,906	9,417,004	\$0.27537	\$2,593,143	\$45,237	\$0.00480	1.8%
43									
44 EOR Revenues	231,570	\$0.04455	\$10,316	231,570	\$0.04500	\$10,422	\$106	\$0.00046	1.0%
45 Total Throughput w/EOR Mth/yr	9,648,574			9,648,574					

- 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. Both Core and Noncore pay this 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

03/27/17
01/01/2019 Rates

	Present Rates			Proposed Rates			Changes			
	Jan-1-17	Average	Jan-1-17	Jan-1-19	Rate	Jan-1-19	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	RESIDENTIAL SERVICE									
2	Customer Charge									
3	Single Family	3,750,414	\$5.00	\$225,025	3,750,414	\$5.00	\$225,025	\$0	\$0.00000	0.0%
4	Multi-Family	1,743,024	\$5.00	\$104,581	1,743,024	\$5.00	\$104,581	\$0	\$0.00000	0.0%
5	Small Master Meter	124,314	\$5.00	\$7,459	124,314	\$5.00	\$7,459	\$0	\$0.00000	0.0%
6	Submeter Credit-\$/unit/day	148,373	(\$0.27386)	(\$14,831)	148,373	(\$0.27386)	(\$14,831)	\$0	\$0.00000	0.0%
7	Volumetric Transportation Rate Excludes CSITMA and CAT:									
8	Baseline Rate	1,839,570	\$0.50845	\$935,325	1,839,570	\$0.50960	\$937,442	\$2,117	\$0.00115	0.2%
9	Non-Baseline Rate	584,298	\$0.83690	\$489,002	584,298	\$0.83823	\$489,776	\$773	\$0.00132	0.2%
10		2,423,869	\$0.72057	\$1,746,561	2,423,869	\$0.72176	\$1,749,452	\$2,890	\$0.00119	0.2%
11	NBL/BL Ratio:									
12	Composite Rate \$/th		\$1.02193			\$1.02308		\$0.00115	0.1%	
13	Gas Rate \$/th		\$0.33831			\$0.33831		\$0.00000	0.0%	
14	NBL/Composite rate ratio (4) =		1.15			1.15				
15	NBL- BL rate difference \$/th		0.32846			0.32863		\$0.00017	0.1%	
16										
17	Large Master Meter Rate (Excludes Rate Adders for CAT):									
18	Customer Charge	57	\$411.17	\$280	57	\$411.17	\$280	\$0	\$0.00	0.0%
19	Baseline Rate	9,428	\$0.23859	\$2,250	9,428	\$0.23863	\$2,250	\$0	\$0.00004	0.0%
20	Non-Baseline Rate	1,863	\$0.39272	\$732	1,863	\$0.39251	\$731	(\$0)	(\$0.00020)	-0.1%
21		11,291	\$0.28884	\$3,261	11,291	\$0.28884	\$3,261	\$0	\$0.00000	0.0%
22										
23	Residential Rates Includes CSITMA, Excludes CAT:									
24	CSITMA Adder to Volumetric Rate	1,800,739	\$0.00437	\$7,864	1,800,739	\$0.00437	\$7,864	\$0	\$0.00000	0.0%
25	Residential:									
26	Customer Charge		\$5.00			\$5.00		\$0.00000	0.0%	
27	Baseline \$/therm		\$0.51281			\$0.51397		\$0.00115	0.2%	
28	Non-Baseline \$/therm		\$0.84127			\$0.84260		\$0.00132	0.2%	
29	Average NonCARE Rate \$/therm		\$0.72493			\$0.72613		\$0.00119	0.2%	
30	Large Master Meter:									
31	Customer Charge		\$411.17			\$411.17		\$0.00	0.0%	
32	BaseLine Rate		\$0.24296			\$0.24299		\$0.00004	0.0%	
33	NonBaseLine Rate		\$0.39708			\$0.39688		(\$0.00020)	-0.1%	
34	Average NonCARE Rate \$/therm		\$0.29320			\$0.29320		\$0.00000	0.0%	
35	Residential Rates Includes CSITMA & CAT:									
36	CAT Adder to Volumetric Rate	49,671	\$0.00025	\$12	49,671	\$0.00025	\$12	\$0	\$0.00000	0%
37	Residential:									
38	Customer Charge		\$5.00			\$5.00		\$0.00000	0.0%	
39	BaseLine Rate		\$0.51306			\$0.51422		\$0.00115	0.2%	
40	NonBaseLine Rate		\$0.84152			\$0.84285		\$0.00132	0.2%	
41	Large Master Meter:									
42	Customer Charge		\$411.17			\$411.17		\$0.00000	0.0%	
43	BaseLine Rate		\$0.24321			\$0.24324		\$0.00004	0.0%	
44	NonBaseLine Rate		\$0.39733			\$0.39713		(\$0.00020)	-0.1%	
45	Other Adjustments :									
46	TCA for CSITMA exempt customers		(\$0.00437)			(\$0.00437)		\$0.00000	0.0%	
47	California Climate Credit - April Bill		\$0.00			\$0.00				
48	TOTAL RESIDENTIAL	2,435,160	\$0.72180	\$1,757,699	2,435,160	\$0.72299	\$1,760,589	\$2,890	\$0.00119	0.2%

See footnotes Table 1

TABLE 3
Core Nonresidential Transportation Rates
Southern California Gas Company
03/27/17
01/01/2019 Rates

	Present Rates			Proposed Rates			Changes			
	Jan-1-17	Average	Jan-1-17	Jan-1-19	Jan-1-19	Jan-1-19	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										
2	CORE COMMERCIAL & INDUSTRIAL									
3	Customer Charge 1	146,202	\$15.00	\$26,316	146,202	\$15.00	\$26,316	\$0	\$0.00	0.0%
4	Customer Charge 2	61,115	\$15.00	\$11,001	61,115	\$15.00	\$11,001	\$0	\$0.00	0.0%
5	Volumetric Transportation Rate Excludes CSITMA & CAT:									
6	Tier 1 = 250th/mo	203,321	\$0.50561	\$102,801	203,321	\$0.50644	\$102,970	\$168	\$0.00083	0.2%
7	Tier 2 = next 4167 th/mo	453,170	\$0.26508	\$120,125	453,170	\$0.26590	\$120,500	\$375	\$0.00083	0.3%
8	Tier 3 = over 4167 th/mo	366,694	\$0.10380	\$38,063	366,694	\$0.10463	\$38,366	\$303	\$0.00083	0.8%
9		1,023,186	\$0.29155	\$298,306	1,023,186	\$0.29237	\$299,153	\$847	\$0.00083	0.3%
10										
11	Volumetric Transportation Rate Includes CSITMA, Excludes CAT:									
12	CSITMA Adder to Volumetric Rate	1,008,238	\$0.00437	\$4,403	1,008,238	\$0.00437	\$4,403	\$0	\$0.00000	0.0%
13	GHG Adder to Volumetric Rate	1,023,186	\$0.00000	\$0	1,023,186	\$0.00000	\$0	\$0	\$0.00000	0.0%
14	Tier 1 = 250th/mo		\$0.50998			\$0.51080			\$0.00083	0.2%
15	Tier 2 = next 4167 th/mo		\$0.26944			\$0.27027			\$0.00083	0.3%
16	Tier 3 = over 4167 th/mo		\$0.10817			\$0.10899			\$0.00083	0.8%
17			\$0.29591			\$0.29674			\$0.00083	
18	Volumetric Transportation Rate Includes CSITMA & CAT:									
19	CAT Adder to Volumetric Rate	137,753	\$0.00025	\$33	137,753	\$0.00025	\$33	\$0	\$0.00000	0%
20	Tier 1 = 250th/mo		\$0.51023			\$0.51105			\$0.00083	0.2%
21	Tier 2 = next 4167 th/mo		\$0.26969			\$0.27052			\$0.00083	0.3%
22	Tier 3 = over 4167 th/mo		\$0.10842			\$0.10924			\$0.00083	0.8%
23			\$0.29616			\$0.29699			\$0.00083	0.3%
24	Other Adjustments :									
25	TCA for CSITMA exempt customers		(\$0.00437)			(\$0.00437)			\$0.00000	0.0%
26	GHG Fee Credit \$/th		\$0.00000			\$0.00000			\$0.00000	
27	TOTAL CORE C&I	1,023,186	\$0.29588	\$302,742	1,023,186	\$0.29671	\$303,589	\$847	\$0.00083	0.3%
28										
29	NATURAL GAS VEHICLES (a sempra-wide rate)									
30	Customer Charge, P-1	229	\$13.00	\$36	229	\$13.00	\$36	\$0	\$0.00000	0.0%
31	Customer Charge, P-2A	130	\$65.00	\$101	130	\$65.00	\$101	\$0	\$0.00000	0.0%
32	Uncompressed Rate Excludes CSITMA, GHG & CAT	157,095	\$0.13077	\$20,544	157,095	\$0.13128	\$20,623	\$80	\$0.00051	0.4%
33	Total Uncompressed NGV	157,095	\$0.13164	\$20,681	157,095	\$0.13215	\$20,760	\$80	\$0.00051	0.4%
34	Compressed Rate Adder	2,099	\$1.03136	\$2,164	2,099	\$1.03136	\$2,164	\$0	\$0.00000	0.0%
35										
36	Uncompressed Rate Includes CSITMA, Excludes CAT									
37	CSITMA Adder to Volumetric Rate	157,073	\$0.00437	\$686	157,073	\$0.00437	\$686	\$0	\$0.00000	0.0%
38	Uncompressed Rate \$/therm		\$0.13514			\$0.13565			\$0.00051	0.4%
39	Other Adjustments :									
40	TCA for CSITMA exempt customers		(\$0.00437)			(\$0.00437)			\$0.00000	0.0%
41	Low Carbon Fuel Standard (LCFS) Credit		\$0.00000			\$0.00000			\$0.00000	
42	TOTAL NGV SERVICE	157,095	\$0.14979	\$23,531	157,095	\$0.15029	\$23,611	\$80	\$0.00051	0.3%
43										
44	RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
45	Customer Charge	5,618	\$10.00	\$674	5,618	\$10.00	\$674	\$0	\$0.00000	0.0%
46	Uncompressed Rate Excludes CSITMA & CAT	5,501	\$0.19628	\$1,080	5,501	\$0.19665	\$1,082	\$2	\$0.00036	0.2%
47		5,501	\$0.31883	\$1,754	5,501	\$0.31920	\$1,756	\$2	\$0.00036	0.1%
48	Uncompressed Rate Includes CSITMA, Excludes CAT									
49	CSITMA Adder to Volumetric Rate		\$0.00437			\$0.00437			\$0.00000	0.0%
50	Uncompressed Rate \$/therm		\$0.20065			\$0.20101			\$0.00036	0.2%
51										
52	Uncompressed Rate Includes CSITMA & CAT									
53	CAT Adder to Volumetric Rate	0	\$0.00025	\$0	0	\$0.00025	\$0	\$0	\$0.00000	0.0%
54	Uncompressed Rate		\$0.20090			\$0.20126			\$0.00036	0.2%
55	Other Adjustments :									
56	TCA for CSITMA exempt customers		(\$0.00437)			(\$0.00437)			\$0.00000	0.0%
57										
58	TOTAL RESIDENTIAL NATURAL GAS VEHICLES	5,501	\$0.31883	\$1,754	5,501	\$0.31920	\$1,756	\$2	\$0.00036	0.1%

TABLE 5
Noncore Commercial & Industrial Rates
Southern California Gas Company
03/27/17
01/01/2019 Rates

	Present Rates			Proposed Rates			Changes		
	Jan-1-17	Average	Jan-1-17	Jan-1-19	Jan-1-19	Jan-1-19	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	584	\$350.00	\$2,452	584	\$350.00	\$2,452	\$0	\$0.00000	0.0%
3									
4 <u>Volumetric Rates Includes CARB fee, Excludes GHG, and CSITMA</u>									
5 Tier 1 = 250kth/yr	121,573	\$0.14757	\$17,941	121,573	\$0.14814	\$18,010	\$69	\$0.00057	0.4%
6 Tier 2 = 250k to 1000k	205,061	\$0.09059	\$18,576	205,061	\$0.09115	\$18,692	\$116	\$0.00057	0.6%
7 Tier 3 = 1 to 2 million th/yr	109,960	\$0.05413	\$5,953	109,960	\$0.05470	\$6,015	\$62	\$0.00057	1.0%
8 Tier 4 = over 2 million th/yr	428,508	\$0.02809	\$12,035	428,508	\$0.02865	\$12,277	\$242	\$0.00057	2.0%
9 Volumetric totals (excl itcs)	865,102	\$0.06300	\$54,504	865,102	\$0.06357	\$54,993	\$489	\$0.00057	0.9%
10									
11 <u>Volumetric Rates Includes CARB, GHG, CSITMA</u>									
12 CSITMA Adder to Volumetric Rate		\$0.00437	\$3,741		\$0.00437	\$3,741	\$0	\$0.00000	0.0%
13 GHG Adder to Volumetric Rate		\$0.00000	\$0		\$0.00000	\$0	\$0	\$0.00000	0.0%
14 Tier 1 = 250kth/yr		\$0.15194			\$0.15251			\$0.00057	0.4%
15 Tier 2 = 250k to 1000k		\$0.09496			\$0.09552			\$0.00057	0.6%
16 Tier 3 = 1 to 2 million th/yr		\$0.05850			\$0.05907			\$0.00057	1.0%
17 Tier 4 = over 2 million th/yr		\$0.03245			\$0.03302			\$0.00057	1.7%
18 <u>Other Adjustments :</u>									
19 TCA for CSITMA exempt customers		(\$0.00437)			(\$0.00437)			\$0.00000	0.0%
20 CARB Fee Credit \$/th		(\$0.00086)			(\$0.00086)			\$0.00000	0.0%
21 GHG Fee Credit \$/th		\$0.00000			\$0.00000			\$0.00000	0.0%
22 NCCI - DISTRIBUTION LEVEL	865,102	\$0.07016	\$60,697	865,102	\$0.07073	\$61,186	\$489	\$0.00057	0.8%
23									
24 NCCI-TRANSMISSION LEVEL Incl CARB & GHG Fee	6,438	\$0.01603	\$103	6,438	\$0.01640	\$106	\$2	\$0.00037	2.3%
25 NCCI-TRANSMISSION LEVEL Incl CARB & GHG Fee	653,799	\$0.02040	\$13,337	653,799	\$0.02077	\$13,576	\$239	\$0.00037	1.8%
26 NCCI-TRANSMISSION LEVEL (2)	660,238	\$0.02036	\$13,441	660,238	\$0.02072	\$13,682	\$241	\$0.00037	1.8%
27									
28 TOTAL NONCORE C&I	1,525,339	\$0.04860	\$74,138	1,525,339	\$0.04908	\$74,868	\$730	\$0.00048	1.0%

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

03/27/17
01/01/2019 Rates

	Present Rates			Proposed Rates			Changes			
	Jan-1-17	Average	Jan-1-17	Jan-1-19	Rate	Jan-1-19	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										
2	ELECTRIC GENERATION									
3										
4										
5	Small EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB & GHG fee & CSITMA:									
6	Customer Charge	201	\$50.00	\$121	201	\$50.00	\$121	\$0	\$0.00000	0.0%
7	Volumetric Rate	77,207	\$0.11482	\$8,865	77,207	\$0.11534	\$8,905	\$40	\$0.00052	0.5%
8	Small EG Distribution Level Service	77,207	\$0.11638	\$8,985	77,207	\$0.11690	\$9,026	\$40	\$0.00052	0.4%
9										
10	Large EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB & GHG Fee & CSITMA									
11	Customer Charge	28	\$0.00	\$0	28	\$0.00	\$0	\$0	\$0.00000	
12	Volumetric Rate	207,889	\$0.04420	\$9,189	207,889	\$0.04472	\$9,296	\$107	\$0.00052	1.2%
13	Large EG Distribution Level Service	207,889	\$0.04420	\$9,189	207,889	\$0.04472	\$9,296	\$107	\$0.00052	1.2%
14										
15	EG Distribution excl CARB fee & CSITMA	285,096	\$0.06375	\$18,174	285,096	\$0.06427	\$18,322	\$148	\$0.00052	0.8%
16										
17	Volumetric Rates Includes CARB & GHG fee, Excludes CSITMA									
18	EFMA Cost Adder	283,261	\$0.00086	\$243	283,261	\$0.00086	\$243	\$0	\$0.00000	0.0%
19	GHG Cost Adder	89,709	\$0.00000	\$0	89,709	\$0.00000	\$0	\$0	\$0.00000	
20	EG-Distribution Tier 1 w/CARB fee		\$0.11567			\$0.11620			\$0.00052	0.5%
21	EG-Distribution Tier 2 w/CARB Fee		\$0.04506			\$0.04557			\$0.00052	1.1%
22	Total - EG Distribution Level	285,096	\$0.06460	\$18,417	285,096	\$0.06512	\$18,565	\$148	\$0.00052	0.8%
23	CARB Fee Credit \$/th		(\$0.00086)			(\$0.00086)			\$0.00000	0.0%
24	GHG Fee Credit \$/th		\$0.00000			\$0.00000			\$0.00000	
25										
26	EG Transmission Level Service Excl CARB & GHG fee	1,714,769	\$0.01518	\$26,022	1,714,769	\$0.01554	\$26,648	\$627	\$0.00037	2.4%
27	EG Transmission Level Service Incl CARB & GHG Fee	677,930	\$0.01603	\$10,869	677,930	\$0.01640	\$11,117	\$248	\$0.00037	2.3%
28	EG Transmission Level (2)	2,392,699	\$0.01542	\$36,891	2,392,699	\$0.01578	\$37,765	\$874	\$0.00037	2.4%
29										
30	TOTAL ELECTRIC GENERATION	2,677,795	\$0.02065	\$55,308	2,677,795	\$0.02104	\$56,330	\$1,022	\$0.00038	1.8%
31										
32	EOR Rates & revenue Excludes CARB Fee & CSITMA:									
33	Distribution Level EOR:									
34	Customer Charge	17	\$500.00	\$102	17	\$500.00	\$102	\$0	\$0.00000	0.0%
35	Volumetric Rate Excl CARB & GHG Fee & CSITMA	137,620	\$0.06386	\$8,788	137,620	\$0.06438	\$8,860	\$71	\$0.00052	0.8%
36										
37	Volumetric Rates Includes CARB & GHG Fee, Excludes CSITMA									
38	CARB Fee		\$0.00086			\$0.00086				
39	GHG Fee		\$0.00000			\$0.00000				
40	Volumetric Rate Incl CARB fee & Excl CSITMA		\$0.06472			\$0.06523			\$0.00052	0.8%
41	Distribution Level EOR	137,620	\$0.06460	\$8,890	137,620	\$0.06512	\$8,962	\$71	\$0.00052	0.8%
42	CARB Fee Credit \$/th		(\$0.00086)			(\$0.00086)			\$0.00000	0.0%
43	GHG Fee Credit \$/th		\$0.00000			\$0.00000			\$0.00000	
44	Transmission Level EOR Excludes CARB & GHG fee	93,950	\$0.01518	\$1,426	93,950	\$0.01554	\$1,460	\$34	\$0.00037	2.4%
45	Total EOR	231,570	\$0.04455	\$10,316	231,570	\$0.04500	\$10,422	\$106	\$0.00046	1.0%

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 & GHG Fees - EG-D and NCCI-D rates include CARB & GHG Fees.

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

See footnotes Table 1

TABLE 7
Transmission Level Service Transportation Rates
Southern California Gas Company
03/27/17

	Present Rates			Proposed Rates			Changes			
	Jan-1-17	Average	Jan-1-17	Jan-1-19	Jan-1-19	Jan-1-19	Revenue	Rate	% Rate	
	Volumes	Rate	Revenue	Volumes	Rate	Revenue	Change	Change	change	
	Mth	\$/th	\$000's	Mth, Mth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
1	Rate Excluding CSITMA & CARB Fee:									
2	Reservation Service Option (RS):									
3		\$0.00610			\$0.00610			\$0.00000	0.0%	
4		\$0.00572			\$0.00608			\$0.00037	6.4%	
5	Class Average Volumetric Rate (CA)									
6		\$0.00945			\$0.00945			\$0.00000	0.0%	
7		\$0.00572			\$0.00608			\$0.00037	6.4%	
8		\$0.01517			\$0.01553			\$0.00037	2.4%	
9										
10		\$0.01745			\$0.01786			\$0.00042	2.4%	
11		\$0.02048			\$0.02097			\$0.00049	2.4%	
12	Total Transmission Level Service (NCCL, EOR, EG)	3,052,937	\$0.01518	\$46,329	3,052,937	\$0.01554	\$47,444	\$1,115	\$0.00037	2.4%
13	C&I Rate Including CSITMA & CARB & GHG Fee:									
15	CSITMA Adder to Usage Charge	653,799	\$0.00437	\$2,855	653,799	\$0.00437	\$2,855	\$0	\$0.00000	
16	CARB Fee Adder	1,338,168	\$0.00086	\$1,147	1,338,168	\$0.00086	\$1,147	\$0.00000	\$0.00000	
17	GHG Fee Adder	45,632	\$0.00000	\$0	45,632	\$0.00000	\$0	\$0.00000	\$0.00000	
18	Reservation Service Option (RS):									
19		\$0.00610			\$0.00610		\$0	\$0.00000	0.0%	
20		\$0.01094			\$0.01131		\$0	\$0.00037	3.3%	
21	Class Average Volumetric Rate (CA)									
22		\$0.00945			\$0.00945		\$0	\$0.00000	0.0%	
23		\$0.01094			\$0.01131		\$0	\$0.00037	3.3%	
24		\$0.02039			\$0.02076		\$0	\$0.00037	1.8%	
25										
26		\$0.02267			\$0.02309		\$0	\$0.00042	1.9%	
27		\$0.02570			\$0.02620		\$0	\$0.00049	1.9%	
28	Other Adjustments :									
29	Transportation Charge Adj. (TCA) for CSITMA exempt customers		(\$0.00437)			(\$0.00437)		\$0.00000		
30	California Air Resources Board (CARB) Fee Credit \$/th		(\$0.00086)			(\$0.00086)		\$0.00000		
31	GHG Fee Credit		\$0.00000			\$0.00000		\$0.00000		
32	Total Transmission Level Service Includes CSITMA	3,052,937	\$0.01649	\$50,331	3,052,937	\$0.01685	\$51,447	\$1,115	\$0.00037	2.2%
33	EG & EOR Rate Including EFMA & GHG , excluding CSITMA:									
35		\$0.00086			\$0.00086			\$0.00000		
36		\$0.00000			\$0.00000			\$0.00000		
37	Reservation Service Option (RS):									
38		\$0.00610			\$0.00610		\$0	\$0.00000	0.0%	
39		\$0.00657			\$0.00694		\$0	\$0.00037	5.6%	
40	Class Average Volumetric Rate (CA)									
41		\$0.00945			\$0.00945		\$0	\$0.00000	0.0%	
42		\$0.00657			\$0.00694		\$0	\$0.00037	5.6%	
43		\$0.01603			\$0.01639		\$0	\$0.00037	2.3%	
44										
45		\$0.01830			\$0.01872		\$0	\$0.00042	2.3%	
46		\$0.02134			\$0.02183		\$0	\$0.00049	2.3%	
47										
48	Other Adjustments :									
49	California Air Resources Board (CARB) Fee Credit \$/th		(\$0.00086)			(\$0.00086)		\$0.00000	0.0%	
50	Greenhouse Gas (GHG) Fee Credit \$/th		\$0.00000			\$0.00000		\$0.00000		
51										
52	Rate Excluding CSITMA, CARB, GHG Fee, & Uncollectibles (applicable to Wholesale & International):									
53	Reservation Service Option (RS):									
54		\$0.00608			\$0.00608			\$0.00000	0.0%	
55		\$0.00570			\$0.00606			\$0.00036	6.4%	
56	Class Average Volumetric Rate (CA)									
57		\$0.00942			\$0.00942			\$0.00000	0.0%	
58		\$0.00570			\$0.00606			\$0.00036	6.4%	
59		\$0.01512			\$0.01549			\$0.00036	2.4%	
60										
61		\$0.01739			\$0.01781			\$0.00042	2.4%	
62		\$0.02042			\$0.02091			\$0.00049	2.4%	
63	Total Transmission Level Service (WS & Int'l)	325,403	\$0.01518	\$4,938	325,403	\$0.01554	\$5,057	\$119	\$0.00037	2.4%
64										
65	Average Transmission Level Service	3,378,340	\$0.01636	\$55,269	3,378,340	\$0.01673	\$56,504	\$1,234	\$0.00037	2.2%

TABLE 8
Backbone Transmission Service and Storage Rates
Southern California Gas Company
03/27/17

		Present Rates			Proposed Rates			Changes		
		Jan-1-17	Average	Jan-1-17	Jan-1-19	Jan-1-19	Jan-1-19	Revenue	Rate	% Rate
		Volumes	Rate	Revenue	Volumes	Rate	Revenue	Change	Change	change
		Mth	\$/th	\$000's	Mth, Mth	\$/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/day	2,515	\$0.32070	\$294,440	2,515	\$0.36377	\$333,988	\$39,549	\$0.04308	13.4%
3	BTS MFV Reservation Charge \$/dth/day		\$0.25656			\$0.29102				
4	BTS MFV Volumetric Charge \$/dth		\$0.06414			\$0.07275				
5	BTS Interruptible Volumetric Charge \$/dth		\$0.32070			\$0.36377			\$0.04308	13.4%
6										
7										
8	Storage Costs: (incl. HRSMA)									
9	Core \$000			\$47,740			\$47,740	\$0		
10	Load Balancing \$000			\$17,201			\$17,201	\$0		
11	Unbundled Storage \$000			\$18,646			\$18,646	\$0		
12				\$83,586			\$83,586	\$0		

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.

ATTACHMENT D

San Diego Gas & Electric Company
Statement of Present and Proposed Rates

TABLE 1
Natural Gas Transportation Rate Revenues
San Diego Gas & Electric
January, 2017 Rates
03/27/17
01/01/2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jan-1-17	Average	Jan-1-17	Jan-1-19	Average	Jan-1-19	Revenues	Rates	Rate
	Volumes mtherms	Rate \$/therm	Revenues \$000's	Volumes mtherms	Rate \$/therm	Revenues \$000's	\$000's	\$/therm	change %
	D	E	F	D	E	F	G	H	I
1 CORE									
2 Residential	319,982	\$0.96159	\$307,690	319,982	\$0.96225	\$307,902	\$212	\$0.00066	0.1%
3 Commercial & Industrial	182,660	\$0.37212	\$67,972	182,660	\$0.37258	\$68,056	\$84	\$0.00046	0.1%
4									
5 NGV - Pre SempraWide	18,501	\$0.26515	\$4,906	18,501	\$0.26550	\$4,912	\$7	\$0.00036	0.1%
6 SempraWide Adjustment	18,501	(\$0.08975)	(\$1,661)	18,501	(\$0.08960)	(\$1,658)	\$3	\$0.00015	-0.2%
7 NGV Post SempraWide	18,501	\$0.17539	\$3,245	18,501	\$0.17590	\$3,254	\$9	\$0.00051	0.3%
8									
9 Total CORE	521,144	\$0.72707	\$378,907	521,144	\$0.72766	\$379,213	\$305	\$0.00059	0.1%
10									
11 NONCORE COMMERCIAL & INDUSTRIAL									
12 Distribution Level Service	27,807	\$0.09201	\$2,558	27,807	\$0.09237	\$2,569	\$10	\$0.00036	0.4%
13 Transmission Level Service (2)	17,168	\$0.01731	\$297	17,168	\$0.01767	\$303	\$6	\$0.00037	2.1%
14 Total Noncore C&I	44,975	\$0.06349	\$2,856	44,975	\$0.06386	\$2,872	\$16	\$0.00036	0.6%
15									
16 NONCORE ELECTRIC GENERATION									
17 Distribution Level Service									
18 Pre Sempra Wide	95,807	\$0.03199	\$3,065	95,807	\$0.03234	\$3,098	\$33	\$0.00035	1.1%
19 Sempra Wide Adjustment	95,807	\$0.02773	\$2,657	95,807	\$0.02791	\$2,674	\$17	\$0.00018	0.6%
20 Distribution Level post SW	95,807	\$0.05973	\$5,722	95,807	\$0.06025	\$5,772	\$50	\$0.00052	0.9%
21 Transmission Level Service (2)	574,075	\$0.01530	\$8,784	574,075	\$0.01567	\$8,994	\$210	\$0.00037	2.4%
22 Total Electric Generation	669,882	\$0.02166	\$14,507	669,882	\$0.02204	\$14,766	\$260	\$0.00039	1.8%
23									
24 TOTAL NONCORE	714,857	\$0.02429	\$17,362	714,857	\$0.02467	\$17,638	\$276	\$0.00039	1.6%
25									
26 SYSTEM TOTAL	1,236,000	\$0.32061	\$396,270	1,236,000	\$0.32108	\$396,851	\$581	\$0.00047	0.1%

- 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, 2017 Rates
03/27/17
01/01/2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jan-1-17 Volumes mtherms	Average Rate \$/therm	Jan-1-17 Revenues \$000's	Jan-1-19 Volumes mtherms	Average Rate \$/therm	Jan-1-19 Revenues \$000's	Revenues \$000's	Rates \$/therm	Rate change %
	A	B	C	D	E	F	G	H	I
1	RESIDENTIAL RATES Schedule GR,GM								
2	Rates Excluding CSITMA & CAT								
3	Minimum Bill	884,624	\$3.00	\$221	884,624	\$3.00	\$221	\$0	
4									
5	Baseline \$/therm	215,947	\$0.91062	\$196,645	215,947	\$0.91125	\$196,781	\$136	\$0.00063 0.1%
6	Non-Baseline \$/therm	104,035	\$1.09796	\$114,226	104,035	\$1.09868	\$114,301	\$75	\$0.00072 0.1%
7	Average Rate \$/therm	319,982	\$0.97222	\$311,092	319,982	\$0.97288	\$311,303	\$211	\$0.00066 0.1%
8	NBL/BL Ratio								
9	Composite Rate \$/th		\$ 1.24995			\$ 1.25058		\$0.00063	
10	Gas Rate \$/th		\$ 0.33831			\$0.33831		\$0.00000	0.0%
11	NBL/Composite rate ratio		1.15			1.15			
12	NBL- BL rate difference \$/th		0.18734			\$0.18743		\$0.00009	
13									
14	Rates Including CSITMA, Excluding CAT								
15	CSITMA Adder to Volumetric Rate	258,048	\$0.00136	\$351	258,048	\$0.00136	\$351	\$0	\$0.00000 0.0%
16	Baseline \$/therm		\$0.91198			\$0.91261		\$0.00063	0.1%
17	Non-Baseline \$/therm		\$1.09932			\$1.10004		\$0.00072	0.1%
18	Average NonCARE Rate \$/therm		\$0.97358			\$0.97424		\$0.00066	0.1%
19									
20	Sub Meter Credit Schedule GS,GT								
21	GS Unit Discount \$/day	5,870	(\$0.38268)	(\$820)	5,870	(\$0.38268)	(\$820)	\$0	\$0.00000 0.0%
22	GT Unit Discount \$/day	27,189	(\$0.40932)	(\$4,062)	27,189	(\$0.40932)	(\$4,062)	\$0	\$0.00000 0.0%
23									
24	Schedule GL-1								
25	LNG Facility Charge, domestic use \$/mq	321	\$14.79	\$57	321	\$14.79	\$57	\$0.00000	0.0%
26	LNG Facility Charge, non-domestic \$/mth/mbtu		\$0.05480			\$0.05480		\$0.00000	0.0%
27	LNG Volumetric Surcharge \$/th	74	\$0.16571	\$12	74	\$0.16571	\$12	\$0.00000	0.0%
28				\$69			\$69		
29	Volumetric Rates Including CSITMA & CAT								
30	CAT Adder to Volumetric Rate	2,764	\$0.00000	\$0	2,764	\$0.00000	\$0	\$0	\$0.00000
31	Baseline \$/therm		\$0.91198			\$0.91261		\$0.00063	0.1%
32	Non-Baseline \$/therm		\$1.09932			\$1.10004		\$0.00072	0.1%
33	Average Rate \$/therm		\$0.97358			\$0.97424		\$0.00066	0.1%
34									
35	Other Adjustments :								
36	Employee Discount			(\$349)		(\$349)	\$0		
37	SDFFD			\$1,409		\$1,410	\$1		
38									
39	Credit for CSITMA Exempt Cutomers:		(\$0.00136)			(\$0.00136)		\$0.00000	0.0%
40									
41	California Climate Credit - April Bill		\$0.00			\$0.00			
42	Total Residential	319,982	\$0.96159	\$307,690	319,982	\$0.96225	\$307,902	\$212	\$0.00066 0.1%

See footnotes Table 1

TABLE 3
Natural Gas Transportation Rate Revenues
San Diego Gas & Electric
January, 2017 Rates
01/01/2019 Rates

	At Present Rates			At Proposed Rates			Changes			
	Jan-1-17 Volumes mtherms A	Average Rate \$/therm B	Jan-1-17 Revenues \$000's C	Jan-1-19 Volumes mtherms D	Average Rate \$/therm E	Jan-1-19 Revenues \$000's F	Revenues \$000's G	Rates \$/therm H	Rate change % I	
1										
2										
3										
4	CORE COMMERCIAL & INDUSTRIAL RATES Schedule GN-3									
5	Customer Charge \$/month	30,265	\$10.00	\$3,632	30,265	\$10.00	\$3,632	\$0	\$0.00000	0.0%
6										
7	Rates Excluding CSITMA & CAT									
8	Tier 1 = 0 to 1,000 therms/month	82,658	\$0.41901	\$34,635	82,658	\$0.41947	\$34,672	\$38	\$0.00046	0.1%
9	Tier 2 = 1,001 to 21,000 therms/month	84,219	\$0.29628	\$24,953	84,219	\$0.29674	\$24,991	\$38	\$0.00046	0.2%
10	Tier 3 = over 21,000 therms/month	15,783	\$0.26162	\$4,129	15,783	\$0.26207	\$4,136	\$7	\$0.00046	0.2%
11										
12	Rates Including CSITMA, Excluding CAT									
13	CSITMA Adder to Volumetric Rate	182,649	\$0.00136	\$248	182,649	\$0.00136	\$248	\$0	\$0.00000	0.0%
14	Tier 1 = 0 to 1,000 therms/month		\$0.42037			\$0.42083		\$0.00046	0.1%	
15	Tier 2 = 1,001 to 21,000 therms/month		\$0.29764			\$0.29810		\$0.00046	0.2%	
16	Tier 3 = over 21,000 therms/month		\$0.26297			\$0.26343		\$0.00046	0.2%	
17										
18	Rates Including CSITMA & CAT									
19	CAT Adder to Volumetric Rate	35,463	\$0.00000	\$0	35,463	\$0.00000	\$0	\$0	\$0.00000	
20	Tier 1 = 0 to 1,000 therms/month		\$0.42037			\$0.42083		\$0.00046	0.1%	
21	Tier 2 = 1,001 to 21,000 therms/month		\$0.29764			\$0.29810		\$0.00046	0.2%	
22	Tier 3 = over 21,000 therms/month		\$0.26297			\$0.26343		\$0.00046	0.2%	
23										
24	Other Adjustments :									
25	Adjustment for SDDFD		\$376			\$376	\$0			
26	Credit for CSITMA Exempt Customers:		(\$0.00136)			(\$0.00136)		\$0.00000	0.0%	
27										
28	Total Core C&I	182,660	\$0.37212	\$67,972	182,660	\$0.37258	\$68,056	\$84	\$0.00046	0.1%

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
03/27/17
January, 2017 Rates
01/01/2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jan-1-17 Volumes mtherms	Average Rate \$/therm	Jan-1-17 Revenues \$000's	Jan-1-19 Volumes mtherms	Average Rate \$/therm	Jan-1-19 Revenues \$000's	Revenues \$000's	Rates \$/therm	Rate change %
	A	B	C	D	E	F	G	H	I
NATURAL GAS VEHICLE RATES G-NG	Sempra-Wide NGV Rates			Sempra-Wide NGV Rates					
Customer Charge									
P1 \$/month	28	\$13.00	\$4	28	\$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 & C.	18,501	\$0.13149	\$2,433	18,501	\$0.13200	\$2,442	\$9	\$0.00051	0.4%
Compressor Adder \$/therm Excludes CS	744	\$1.03701	\$772	744	\$1.03701	\$772	\$0	\$0.00000	0.0%
Combined transport & compressor adder \$/th		\$1.16850			\$1.16901			\$0.00051	0.0%
Volumetric Rates Includes CSITMA, Excludes CAT									
CSITMA Adder to Volumetric Rate	11,409	\$0.00136	\$16	11,409	\$0.00136	\$16	\$0	\$0.00000	0.0%
Uncompressed Rate \$/therm		\$0.13285			\$0.13336			\$0.00051	0.4%
Combined transport & compressor adder \$/th		\$1.16986			\$1.17037			\$0.00051	0.0%
Volumetric Rates Includes CSITMA & CAT									
CAT Adder to Volumetric Rate		\$0.00000			\$0.00000				
Uncompressed Rate \$/therm		\$0.13285			\$0.13336		\$0	\$0.00051	0.4%
Combined transport & compressor adder \$/th		\$1.16986			\$1.17037			\$0.00051	0.0%
Other Adjustments :									
Adjustment for SDDFD 0.491%			\$13			\$13	\$0		
Credit for CSITMA Exempt Customers \$/th		(\$0.00136)			(\$0.00136)			\$0.00000	0.0%
Low Carbon Fuel Standard (LCFS) Credit		\$0.00000			\$0.00000				
Total NGV	18,501	\$0.17539	\$3,245	18,501	\$0.17590	\$3,254	\$9	\$0.00051	0.3%
RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
Customer Charge	885	\$5.00	\$53	885	\$5.00	\$53	\$0	\$0.00	0.0%
Uncompressed Rate w/o CSITMA & CA	969	\$0.26840	\$260	969	\$0.26856	\$260	\$0	\$0.00016	0.1%
	969	\$0.32316	\$313	969	\$0.32332	\$313	\$0	\$0.00016	0.1%
Volumetric Rates Including CSITMA , Excluding CAT									
CSITMA Adder to Volumetric Rate		\$0.00136			\$0.00136			\$0.00000	0.0%
Uncompressed Rate \$/therm		\$0.26976			\$0.26992			\$0.00016	0.1%
Volumetric Rates Includes CSITMA & CAT									
CAT Adder to Volumetric Rate	0	\$0.00000	\$0	0	\$0.00000	\$0	\$0	\$0.00000	
Uncompressed Rate \$/therm		\$0.26976			\$0.26992		\$0	\$0.00016	0.1%
Other Adjustments :									
Adjustment for SDDFD			\$0			\$0	\$0		
Credit for CSITMA Exempt Customers \$/th		(\$0.00136)			(\$0.00136)			\$0.00000	0.0%
Total Res NGV	969	\$0.32316	\$313	969	\$0.32332	\$313	\$0	\$0.00016	0.1%

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
03/27/17
January, 2017 Rates
01/01/2019 Rates

	At Present Rates			At Proposed Rates			Changes		
	Jan-1-17 Volumes mtherms	Average Rate \$/therm	Jan-1-17 Revenues \$000's	Jan-1-19 Volumes mtherms	Average Rate \$/therm	Jan-1-19 Revenues \$000's	Revenues \$000's	Rates \$/therm	Rate change %
	A	B	C	D	E	F	G	H	I
NonCore Commercial & Industrial Distribution Level									
Customer Charges \$/month	42	\$350.00	\$177	42	\$350.00	\$177	\$0	\$0.00	0.0%
Volumetric Charges Incl CARB &, Excl CSITMA									
Volumetric Rate \$/therm	27,807	\$0.08441	\$2,347	27,807	\$0.08477	\$2,357	\$10	\$0.00036	0.4%
CSITMA Adder to Volumetric Rate	25,154	\$0.00136	\$34	25,154	\$0.00136	\$34	\$0	\$0.00000	0.0%
GHG Adder to Volumetric Rate		\$0.00000	\$0		\$0.00000	\$0	\$0	\$0.00000	
Volumetric Charges Incl CARB, GHG, and CSITMA									
Volumetric Rates \$/therm		\$0.08577			\$0.08613			\$0.00036	0.4%
Other Adjustments :									
SDDFD 0.727%									
Credit for CSITMA Exempt Customers \$/th		(\$0.00136)			(\$0.00136)			\$0.00000	0.0%
Credit for CARB Fee Exempt Customers \$/th		(\$0.00077)			(\$0.00077)			\$0.00000	0.0%
Credit for GHG Fee Exempt Customers \$/th		\$0.00000			\$0.00000			\$0.00000	
NCCI-Distribution Total	27,807	\$0.09201	\$2,558	27,807	\$0.09237	\$2,569	\$10	\$0.00036	0.4%
NCCI-Transmission Total (1)	17,168	\$0.01731	\$297	17,168	\$0.01767	\$303	\$6	\$0.00037	2.1%
NCCI-Transmission Class Average	17,168	\$0.01731	\$297	17,168	\$0.01767	\$303			
Total NonCore C&I	44,975	\$0.06349	\$2,856	44,975	\$0.06386	\$2,872	\$16	\$0.00036	0.6%
ELECTRIC GENERATION									
Small EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB, GHG, and CSITMA									
Customer Charge, \$/month	46	\$50.00	\$28	46	\$50.00	\$28	\$0	\$0.00	0.0%
Volumetric Rate \$/therm	19,210	\$0.11545	\$2,218	19,210	\$0.11597	\$2,228	\$10	\$0.00	0.5%
Large EG Distribution Level Service (a Sempra-Wide rate) Excludes CARB, GHG, and CSITMA									
Customer Charge, \$/month		\$0.00			\$0.00			\$0.00	
Volumetric Rate (Incl ITCS) \$/th	76,596	\$0.04444	\$3,404	76,596	\$0.04496	\$3,444	\$40	\$0.00	1.2%
EG Distribution excl CARB & GHG Fee, C	95,807	\$0.05897	\$5,650	95,807	\$0.05949	\$5,700	\$50	\$0.00	0.9%
Volumetric Rates Including CARB Fee, Excluding CSITMA:									
CARB Fee Cost Adder - Small	17,675	\$0.00077	\$14	17,675	\$0.00077	\$14	\$0	\$0.00000	
CARB Fee Cost Adder - Large	76,596	\$0.00077	\$59	76,596	\$0.00077	\$59			
GHG Fee Cost Adder - Small	18,266	\$0.00000	\$0	18,266	\$0.00000	\$0	\$0	\$0.00000	
GHG Fee Cost Adder - Large	8,082	\$0.00000	\$0	8,082	\$0.00000	\$0			
EG-Distribution Tier 1 Incl CARB & GHG Fee, Excl C		\$0.11622			\$0.11674			\$0.00053	0.5%
EG-Distribution Tier 2 Incl CARB & GHG Fee, Excl C		\$0.04521			\$0.04573			\$0.00052	1.1%
Total - EG Distribution Level	95,807	\$0.05973	\$5,722	95,807	\$0.06025	\$5,772	\$50	\$0.00052	0.9%
Credit for CARB Fee Exempt Customers \$/th		(\$0.00077)			(\$0.00077)				
Credit for GHG Fee Exempt Customers \$/th		\$0.00000			\$0.00000				
EG Transmission Level Service Excl CA	479,795	\$0.01518	\$7,281	479,795	\$0.01554	\$7,456			
EG Transmission Level Service Incl CA	94,280	\$0.01595	\$1,503	94,280	\$0.01631	\$1,538	\$34	\$0.00	2.3%
EG Transmission Level Service - Average	574,075	\$0.01530	\$8,784	574,075	\$0.01567	\$8,994			
TOTAL ELECTRIC GENERATION	669,882	\$0.02166	\$14,507	669,882	\$0.02204	\$14,766	\$260	\$0.00039	1.8%

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.

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

See footnotes Table 1

TABLE 6
Transmission Level Service Gas Transportation Rates
San Diego Gas & Electric
03/27/17
January, 2017 Rates
01/01/2019 Rates

	At Present Rates			At Proposed Rates			Changes			
	Jan-1-17 Volumes mtherms	Average Rate \$/therm	Jan-1-17 Revenues \$000's	Jan-1-19 Volumes mtherms	Average Rate \$/therm	Jan-1-19 Revenues \$000's	Revenues \$000's	Rates \$/therm	Rate change %	
	A	B	C	D	E	F	G	H	I	
1	Transmission Level Service Rate Excluding CSITMA, CARB, and GHG Fees									
2	Reservation Service Option (RS):									
3	Daily Reservation rate \$/th/day	\$0.00613			\$0.00613		\$0	\$0.00000	0.0%	
4	Usage Charge for RS \$/th	\$0.00575			\$0.00612		\$0	\$0.00037	6.4%	
5	Class Average Volumetric Rate (CA)									
6	Volumetric Rate \$/th	\$0.00950			\$0.00950		\$0	\$0.00000	0.0%	
7	Usage Charge for CA \$/th	\$0.00575			\$0.00612		\$0	\$0.00037	6.4%	
8	Class Average Volumetric Rate CA \$/th	\$0.01525			\$0.01562		\$0	\$0.00037	2.4%	
9	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01754			\$0.01796		\$0	\$0.00042	2.4%	
10	135% CA (for Bypass Volumetric BV) \$/th	\$0.02059			\$0.02109		\$0	\$0.00050	2.4%	
11	Average Transmission Level Service	591,243	\$0.01518	\$9,972	591,243	\$0.01554	\$9,188	\$216	\$0.00037	2.4%
12	C&I Rate Including CSITMA, CARB, and GHG Fees									
13	CSITMA Adder to Usage Rate \$/th	17,168	\$0.00136	\$23	17,168	\$0.00136	\$23	\$0	\$0.00000	0.0%
14	EFMA Cost Adder	111,448	\$0.00077	\$86	111,448	\$0.00077	\$86	\$0.00000		
15	GHG Cost Adder	2,824	\$0.00000	\$0	2,824	\$0.00000	\$0	\$0.00000		
16	Reservation Service Option (RS):									
17	Daily Reservation rate \$/th/day	\$0.00613			\$0.00613		\$0	\$0.00000	0.0%	
18	Usage Charge for RS \$/th	\$0.00788			\$0.00825		\$0	\$0.00037	4.7%	
19	Class Average Volumetric Rate (CA)									
20	Volumetric Rate \$/th	\$0.00950			\$0.00950		\$0	\$0.00000	0.0%	
21	Usage Charge for CA \$/th	\$0.00788			\$0.00825		\$0	\$0.00037	4.7%	
22	Class Average Volumetric Rate CA \$/th	\$0.01738			\$0.01775		\$0	\$0.00037	2.1%	
23	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01967			\$0.02009		\$0	\$0.00042	2.1%	
24	135% CA (for Bypass Volumetric BV) \$/th	\$0.02272			\$0.02322		\$0	\$0.00050	2.2%	
25	Other Adjustments:									
26	Credit for CSITMA Exempt Customers \$/th		(\$0.00136)		(\$0.00136)			\$0.00000	0.0%	
27	CARB Fee Credit for Exempt Customers \$/th		(\$0.00077)		(\$0.00077)			\$0.00000	0.0%	
28	GHG Fee Credit for Exempt Customers \$/th		\$0.00000		\$0.00000			\$0.00000		
29	EG Rate Including CARB & GHG Fees, excluding CSITMA:									
30	CARB Fee Cost Adder		\$0.00077		\$0.00077			\$0.00000		
31	GHG Fee Cost Adder		\$0.00000		\$0.00000			\$0.00000		
32	Reservation Service Option (RS):									
33	Daily Reservation rate \$/th/day	\$0.00613			\$0.00613		\$0	\$0.00000	0.0%	
34	Usage Charge for RS \$/th	\$0.00652			\$0.00689		\$0	\$0.00037	5.6%	
35	Class Average Volumetric Rate (CA)									
36	Volumetric Rate \$/th	\$0.00950			\$0.00950		\$0	\$0.00000	0.0%	
37	Usage Charge for CA \$/th	\$0.00652			\$0.00689		\$0	\$0.00037	5.6%	
38	Class Average Volumetric Rate CA \$/th	\$0.01602			\$0.01639		\$0	\$0.00037	2.3%	
39	115% CA (for NonBypass Volumetric NV) \$/th	\$0.01831			\$0.01873		\$0	\$0.00042	2.3%	
40	135% CA (for Bypass Volumetric BV) \$/th	\$0.02136			\$0.02186		\$0	\$0.00050	2.3%	
41	Other Adjustments:									
42	CARB Fee Credit for Exempt Customers \$/th		(\$0.00077)		(\$0.00077)			\$0.00000	0.0%	
43	GHG Fee Credit for Exempt Customers \$/th		\$0.00000		\$0.00000			\$0.00000		
44	Average Transmission Level Service	591,243	\$0.01536	\$9,081	591,243	\$0.01573	\$9,297	\$216	\$0.00037	2.4%

See footnotes Table 1

ATTACHMENT E

Southern California Gas Company
Statement of Original Cost and Depreciation Reserve

SOUTHERN CALIFORNIA GAS COMPANY

Plant Investment and Accumulated Depreciation

As of December 31, 2016

ACCOUNT NUMBER	DESCRIPTION	ORIGINAL COSTS	ACCUMULATED RESERVE	NET BOOK VALUE
INTANGIBLE ASSETS				
301	Organization	\$ 76,457	\$ -	\$ 76,457
302	Franchise and Consents	\$ 574,560	\$ -	\$ 574,560
	Total Intangible Assets	<u>\$ 651,017</u>	<u>0</u>	<u>\$ 651,017</u>
PRODUCTION:				
325	Other Land Rights	\$ 15,321	\$ -	\$ 15,321
330	Prd Gas Wells Const	\$ 5,557,139	\$ (1,415)	\$ 5,555,724
331	Prd Gas Wells Eqp	\$ 454,718	\$ (55)	\$ 454,663
332	Field Lines	\$ 1,731,111	\$ -	\$ 1,731,111
334	FldMeas&RegStnEquip	\$ 536,249	\$ -	\$ 536,249
336	Prf Eqpt	\$ 485,415	\$ -	\$ 485,415
	Total Production	<u>\$ 8,779,952</u>	<u>(1,470)</u>	<u>\$ 8,778,482</u>
UNDERGROUND STORAGE:				
350	Land	\$ 4,539,484	\$ -	\$ 4,539,484
350SR	Storage Rights	\$ 17,935,798	\$ (17,507,039)	\$ 428,759
350RW	Rights-of-Way	\$ 25,354	\$ (16,549)	\$ 8,805
351	Structures and Improvements	\$ 86,152,949	\$ (20,813,503)	\$ 65,339,446
352	Wells	\$ 387,700,314	\$ (159,163,019)	\$ 228,537,296
353	Lines	\$ 115,563,603	\$ (96,028,334)	\$ 19,535,269
354	Compressor Station and Equipment	\$ 162,905,253	\$ (63,778,057)	\$ 99,127,196
355	Measuring And Regulator Equipment	\$ 7,964,758	\$ (2,542,280)	\$ 5,422,477
356	Purification Equipment	\$ 150,420,143	\$ (73,042,229)	\$ 77,377,915
357	Other Equipment	\$ 49,928,215	\$ (12,627,955)	\$ 37,300,260
	Total Underground Storage	<u>\$ 983,135,872</u>	<u>(445,518,965)</u>	<u>\$ 537,616,907</u>
TRANSMISSION PLANT- OTHER:				
365	Land	\$ 2,204,096	\$ -	\$ 2,204,096
365LRTS	Land Rights	\$ 22,134,243	\$ (14,737,851)	\$ 7,396,392
366	Structures and Improvements	\$ 47,805,609	\$ (21,114,791)	\$ 26,690,818
367	Mains	\$ 1,754,084,223	\$ (648,202,944)	\$ 1,105,881,279
368	Compressor Station and Equipment	\$ 229,721,666	\$ (104,762,766)	\$ 124,958,900
369	Measuring And Regulator Equipment	\$ 119,312,479	\$ (26,320,696)	\$ 92,991,783
370	Communication Equipment	\$ 8,541,080	\$ (675,210)	\$ 7,865,870
371	Other Equipment	\$ 5,958,800	\$ (3,231,716)	\$ 2,727,084
	Total Transmission Plant	<u>\$ 2,189,762,196</u>	<u>(819,045,974)</u>	<u>\$ 1,370,716,222</u>
DISTRIBUTION PLANT:				
374	Land	\$ 28,985,386	\$ -	\$ 28,985,386
374LRTS	Land Rights	\$ 2,805,145	\$ (2,006,683)	\$ 798,462
375	Structures and Improvements	\$ 270,325,474	\$ (81,889,979)	\$ 188,435,495
376	Mains	\$ 4,310,627,875	\$ (2,232,730,181)	\$ 2,077,897,695
378	Measuring And Regulator Equipment	\$ 106,270,293	\$ (71,050,366)	\$ 35,219,927
380	Services	\$ 2,497,395,350	\$ (1,996,926,086)	\$ 500,469,264
381	Meters	\$ 906,078,109	\$ (172,972,597)	\$ 733,105,512
382	Meter Installation	\$ 538,686,488	\$ (156,063,138)	\$ 382,623,350
383	House Regulators	\$ 162,114,289	\$ (64,564,094)	\$ 97,550,194
387	Other Equipment	\$ 44,701,433	\$ (23,297,539)	\$ 21,403,894
	Total Distribution Plant	<u>\$ 8,867,989,844</u>	<u>(4,801,500,663)</u>	<u>\$ 4,066,489,181</u>

SOUTHERN CALIFORNIA GAS COMPANY

Plant Investment and Accumulated Depreciation

As of December 31, 2016

ACCOUNT NUMBER	DESCRIPTION	ORIGINAL COSTS	ACCUMULATED RESERVE	NET BOOK VALUE
GENERAL PLANT:				
389	Land	\$ 1,342,839	\$ -	1,342,839
389LRTS	Land Rights	\$ 74,300	\$ (34,657)	39,643
390	Structures and Improvements	\$ 201,400,950	\$ (186,901,370)	14,499,580
391	Office Furniture and Equipment	\$ 1,115,500,449	\$ (620,948,842)	494,551,607
392	Transportation Equipment	\$ 461,223	\$ (316,470)	144,754
393	Stores Equipment	\$ 99,134	\$ (67,859)	31,275
394	Shop and Garage Equipment	\$ 62,019,641	\$ (24,855,691)	37,163,950
395	Laboratory Equipment	\$ 4,731,500	\$ (2,542,376)	2,189,124
396	Construction Equipment	\$ 11,957	\$ 3,409	15,366
397	Communication Equipments	\$ 158,433,110	\$ (38,746,574)	119,686,536
398	Miscellaneous Equipment	\$ 3,144,659	\$ (975,696)	2,168,963
	Total General Plant	<u>\$ 1,547,219,763</u>	<u>(875,386,126)</u>	<u>\$ 671,833,637</u>
	Subtotal	<u>\$ 13,597,538,644</u>	<u>(6,941,453,198)</u>	<u>\$ 6,656,085,446</u>
121	Non-Utility Plant	\$ 31,248,672	\$ (12,089,196)	19,159,477
117GSUNC	Gas Stored Underground - NonCurrent	\$ 61,422,045	\$ -	61,422,045
GCL	GCT - Capital Lease	\$ -	\$ -	0
	Total Other - Non-Utility Plant	<u>92,670,717</u>	<u>(12,089,196)</u>	<u>80,581,521</u>
	Total-Reconciliation to Asset History Totals	<u>13,690,209,361</u>	<u>(6,953,542,394)</u>	<u>6,736,666,967</u>
	December Asset 1020 Report	<u>13,690,209,361</u>	<u>(6,953,542,394)</u>	
	Difference	0	(0)	

ATTACHMENT F

San Diego Gas & Electric Company
Statement of Original Cost and Depreciation Reserve

SAN DIEGO GAS & ELECTRIC COMPANY

**COST OF PROPERTY AND
DEPRECIATION RESERVE APPLICABLE THERETO
AS OF DECEMBER 31, 2016**

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
ELECTRIC DEPARTMENT			
302	Franchises and Consents	222,841.36	202,900.30
303	Misc. Intangible Plant	<u>153,458,221.94</u>	<u>82,952,172.91</u>
	TOTAL INTANGIBLE PLANT	<u>153,681,063.30</u>	<u>83,155,073.21</u>
310.1	Land	14,526,518.29	46,518.29
310.2	Land Rights	0.00	0.00
311	Structures and Improvements	95,472,041.44	42,973,020.80
312	Boiler Plant Equipment	168,150,618.62	72,882,470.59
314	Turbogenerator Units	138,276,524.45	49,589,182.90
315	Accessory Electric Equipment	85,716,403.89	35,880,924.48
316	Miscellaneous Power Plant Equipment	46,959,891.55	11,016,047.83
	Steam Production Decommissioning	<u>0.00</u>	<u>0.00</u>
	TOTAL STEAM PRODUCTION	<u>549,101,998.24</u>	<u>212,388,164.89</u>
320.1	Land	0.00	0.00
320.2	Land Rights	0.00	0.00
321	Structures and Improvements	27,285,711.08	2,658,162.87
322	Boiler Plant Equipment	243,225,717.06	21,662,290.99
323	Turbogenerator Units	26,982,364.66	2,370,893.39
324	Accessory Electric Equipment	10,878,214.67	1,458,232.53
325	Miscellaneous Power Plant Equipment	166,754,468.86	48,807,803.51
101	SONGS PLANT CLOSURE GROSS PLANT-	<u>(475,126,476.33)</u>	<u>(76,957,383.29)</u>
	TOTAL NUCLEAR PRODUCTION	<u>0.00</u>	<u>0.00</u>
340.1	Land	143,475.87	0.00
340.2	Land Rights	56,032.61	9,138.97
341	Structures and Improvements	22,703,423.92	7,200,892.74
342	Fuel Holders, Producers & Accessories	21,324,500.79	6,580,330.37
343	Prime Movers	87,694,264.51	34,242,023.58
344	Generators	344,301,753.27	133,770,672.92
345	Accessory Electric Equipment	32,510,919.85	12,597,394.56
346	Miscellaneous Power Plant Equipment	<u>26,173,720.53</u>	<u>13,219,344.40</u>
	TOTAL OTHER PRODUCTION	<u>534,908,091.35</u>	<u>207,619,797.54</u>
	TOTAL ELECTRIC PRODUCTION	<u>1,084,010,089.59</u>	<u>420,007,962.43</u>

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
350.1	Land	66,537,444.02	0.00
350.2	Land Rights	155,511,101.89	20,426,643.82
352	Structures and Improvements	477,012,670.93	64,045,140.78
353	Station Equipment	1,403,343,804.63	269,084,925.97
354	Towers and Fixtures	894,860,413.97	158,789,060.77
355	Poles and Fixtures	453,557,668.06	93,379,545.94
356	Overhead Conductors and Devices	568,267,075.05	221,578,344.35
357	Underground Conduit	354,564,091.16	53,188,014.68
358	Underground Conductors and Devices	372,785,913.92	52,594,762.38
359	Roads and Trails	309,857,331.77	28,247,884.70
101	SONGS PLANT CLOSURE GROSS PLANT-	0.00	0.00
	TOTAL TRANSMISSION	5,056,297,515.40	961,334,323.39
360.1	Land	16,176,227.80	0.00
360.2	Land Rights	85,105,159.80	40,700,977.46
361	Structures and Improvements	4,684,420.32	1,813,356.22
362	Station Equipment	497,743,667.56	166,234,965.86
363	Storage Battery Equipment	38,262,883.92	6,698,466.78
364	Poles, Towers and Fixtures	671,234,957.39	265,846,550.67
365	Overhead Conductors and Devices	612,265,759.06	202,233,975.72
366	Underground Conduit	1,179,180,816.54	463,386,714.25
367	Underground Conductors and Devices	1,477,509,699.52	883,727,150.79
368.1	Line Transformers	597,268,187.99	139,098,170.47
368.2	Protective Devices and Capacitors	34,948,634.53	3,104,434.64
369.1	Services Overhead	146,323,665.87	119,990,843.46
369.2	Services Underground	342,165,360.26	241,411,745.77
370.1	Meters	193,377,161.17	77,660,818.92
370.2	Meter Installations	55,788,157.67	20,307,878.06
371	Installations on Customers' Premises	8,616,916.86	10,352,612.28
373.1	St. Lighting & Signal Sys.-Transformers	0.00	0.00
373.2	Street Lighting & Signal Systems	29,637,523.68	18,672,782.73
	TOTAL DISTRIBUTION PLANT	5,990,289,199.94	2,661,241,444.08
389.1	Land	7,312,142.54	0.00
389.2	Land Rights	0.00	0.00
390	Structures and Improvements	33,480,595.20	24,194,901.71
392.1	Transportation Equipment - Autos	0.00	49,884.21
392.2	Transportation Equipment - Trailers	58,145.67	13,543.99
393	Stores Equipment	8,545.97	8,329.30
394.1	Portable Tools	25,617,106.25	8,636,338.81
394.2	Shop Equipment	341,135.67	253,928.80
395	Laboratory Equipment	5,152,106.01	469,685.35
396	Power Operated Equipment	60,528.93	117,501.67
397	Communication Equipment	271,081,974.35	103,490,806.11
398	Miscellaneous Equipment	5,799,585.20	1,002,227.08
	TOTAL GENERAL PLANT	348,911,865.79	138,237,147.03
101	TOTAL ELECTRIC PLANT	12,633,189,734.02	4,263,975,950.14

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
GAS PLANT			
302	Franchises and Consents	86,104.20	86,104.20
303	Miscellaneous Intangible Plant	0.00	0.00
	TOTAL INTANGIBLE PLANT	86,104.20	86,104.20
360.1	Land	0.00	0.00
361	Structures and Improvements	0.00	0.00
362.1	Gas Holders	0.00	0.00
362.2	Liquefied Natural Gas Holders	0.00	0.00
363	Purification Equipment	0.00	0.00
363.1	Liquefaction Equipment	0.00	0.00
363.2	Vaporizing Equipment	0.00	0.00
363.3	Compressor Equipment	0.00	0.00
363.4	Measuring and Regulating Equipment	0.00	0.00
363.5	Other Equipment	0.00	0.00
363.6	LNG Distribution Storage Equipment	2,242,164.87	1,078,754.23
	TOTAL STORAGE PLANT	2,242,164.87	1,078,754.23
365.1	Land	4,649,143.75	0.00
365.2	Land Rights	2,232,291.80	1,388,035.60
366	Structures and Improvements	17,454,364.15	10,013,521.95
367	Mains	232,934,288.15	75,357,743.18
368	Compressor Station Equipment	90,195,901.06	68,614,010.04
369	Measuring and Regulating Equipment	23,104,561.20	16,696,871.55
371	Other Equipment	117,058.52	3,900.27
	TOTAL TRANSMISSION PLANT	370,687,608.63	172,074,082.59
374.1	Land	1,083,616.95	0.00
374.2	Land Rights	8,316,470.44	6,896,498.06
375	Structures and Improvements	43,446.91	61,253.10
376	Mains	884,546,207.74	368,523,614.88
378	Measuring & Regulating Station Equipment	18,055,887.32	8,040,161.50
380	Distribution Services	267,051,852.85	296,360,474.14
381	Meters and Regulators	157,587,827.32	54,693,875.29
382	Meter and Regulator Installations	95,781,492.33	39,314,088.29
385	Ind. Measuring & Regulating Station Equipment	1,516,810.70	1,200,157.19
386	Other Property On Customers' Premises	0.00	0.00
387	Other Equipment	5,223,271.51	4,955,655.91
	TOTAL DISTRIBUTION PLANT	1,439,206,884.07	780,045,778.36

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
392.1	Transportation Equipment - Autos	0.00	25,503.00
392.2	Transportation Equipment - Trailers	74,500.55	74,500.68
394.1	Portable Tools	10,072,198.03	4,057,883.96
394.2	Shop Equipment	76,864.06	51,845.17
395	Laboratory Equipment	283,093.66	275,185.28
396	Power Operated Equipment	16,162.40	8,026.95
397	Communication Equipment	2,704,868.34	1,084,893.49
398	Miscellaneous Equipment	473,380.31	72,038.18
	TOTAL GENERAL PLANT	<u>13,701,067.35</u>	<u>5,649,876.71</u>
101	TOTAL GAS PLANT	<u>1,825,923,829.12</u>	<u>958,934,596.09</u>
COMMON PLANT			
303	Miscellaneous Intangible Plant	394,023,163.41	252,892,419.02
350.1	Land	0.00	0.00
360.1	Land	0.00	0.00
389.1	Land	7,168,914.56	0.00
389.2	Land Rights	857,384.59	27,776.34
390	Structures and Improvements	348,570,446.62	148,905,864.64
391.1	Office Furniture and Equipment - Other	32,105,175.02	14,947,792.49
391.2	Office Furniture and Equipment - Computer E	49,898,065.62	30,568,518.55
392.1	Transportation Equipment - Autos	408,265.53	(293,878.49)
392.2	Transportation Equipment - Trailers	12,195.98	5,070.30
393	Stores Equipment	58,941.18	45,602.10
394.1	Portable Tools	1,232,026.51	367,390.64
394.2	Shop Equipment	191,385.80	121,683.84
394.3	Garage Equipment	1,626,443.82	227,945.82
395	Laboratory Equipment	2,095,455.34	982,940.82
396	Power Operated Equipment	0.00	(192,979.10)
397	Communication Equipment	188,234,125.17	75,536,327.32
398	Miscellaneous Equipment	2,446,629.19	462,081.67
118.1	TOTAL COMMON PLANT	<u>1,028,928,618.34</u>	<u>524,604,555.96</u>
	TOTAL ELECTRIC PLANT	12,633,189,734.02	4,263,975,950.14
	TOTAL GAS PLANT	1,825,923,829.12	958,934,596.09
	TOTAL COMMON PLANT	<u>1,028,928,618.34</u>	<u>524,604,555.96</u>
101 & 118.1	TOTAL	<u>15,488,042,181.48</u>	<u>5,747,515,102.19</u>
101	PLANT IN SERV-SONGS FULLY RECOVER	<u>0.00</u>	<u>0.00</u>
101	PLANT IN SERV-ELECTRIC NON-RECON		
	Electric	0.00	0.00
	Gas	0.00	0.00
		<u>0.00</u>	<u>0.00</u>

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
101	PLANT IN SERV-ASSETS HELD FOR SALE		
	Electric	0.00	0.00
	Common	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
101	PLANT IN SERV-LEGACY METER RECLASS		
	Electric	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
101	PLANT IN SERV-PP TO SAP OUT OF BAL		
	Electric	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
118	PLANT IN SERV-COMMON NON-RECON		
	Common - Transferred Asset Adjustment	(1,627,745.96)	(1,627,745.96)
		<u>(1,627,745.96)</u>	<u>(1,627,745.96)</u>
101	Accrual for Retirements		
	Electric	(5,334,211.52)	(5,334,211.52)
	Gas	(102,461.26)	(102,461.26)
		<u>(5,436,672.78)</u>	<u>(5,436,672.78)</u>
	TOTAL PLANT IN SERV-ACCRUAL FOR RE	<u>(5,436,672.78)</u>	<u>(5,436,672.78)</u>
102	Electric	0.00	0.00
	Gas	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
	TOTAL PLANT PURCHASED OR SOLD	<u>0.00</u>	<u>0.00</u>
104	Electric	85,194,000.02	14,261,043.81
	Gas	0.00	0.00
		<u>85,194,000.02</u>	<u>14,261,043.81</u>
	TOTAL PLANT LEASED TO OTHERS	<u>85,194,000.02</u>	<u>14,261,043.81</u>
105	Plant Held for Future Use		
	Electric	11,307,727.50	0.00
	Gas	0.00	0.00
		<u>11,307,727.50</u>	<u>0.00</u>
	TOTAL PLANT HELD FOR FUTURE USE	<u>11,307,727.50</u>	<u>0.00</u>
107	Construction Work in Progress		
	Electric	989,342,925.38	
	Gas	191,606,677.46	
	Common	126,503,879.36	
		<u>1,307,453,482.20</u>	<u>0.00</u>
	TOTAL CONSTRUCTION WORK IN PROGRESS	<u>1,307,453,482.20</u>	<u>0.00</u>
108	Accum. Depr SONGS Mitigation/Spent Fuel Disallowance		
	Electric	0.00	0.00
		<u>0.00</u>	<u>0.00</u>

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
108.5	Accumulated Nuclear Decommissioning Electric	0.00	1,025,383,766.74
	TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING	0.00	1,025,383,766.74
101.1	ELECTRIC CAPITAL LEASES	852,823,281.00	221,473,683.00
118.1	COMMON CAPITAL LEASE	20,730,792.88	20,361,830.08
		873,554,073.88	241,835,513.08
120	NUCLEAR FUEL FABRICATION	62,963,775.37	40,861,208.00
120	SONGS PLANT CLOSURE-NUCLEAR FUEL	(62,963,775.37)	(40,861,208.00)
143	FAS 143 ASSETS - Legal Obligation	224,915.57	(1,021,647,303.73)
	SONGS Plant Closure - FAS 143 contra	0.00	0.00
	FIN 47 ASSETS - Non-Legal Obligation	84,742,931.67	35,106,729.90
143	FAS 143 ASSETS - Legal Obligation	0.00	(1,473,595,368.35)
	TOTAL FAS 143	84,967,847.24	(2,460,135,942.18)
	UTILITY PLANT TOTAL	17,843,454,893.58	4,561,795,064.90

ATTACHMENT G

Southern California Gas Company
Summary of Earnings

**SOUTHERN CALIFORNIA GAS COMPANY
SUMMARY OF EARNINGS
TWELVE MONTHS ENDED DECEMBER 31, 2016
(DOLLARS IN MILLIONS)**

<u>Line No.</u>	<u>Item</u>	<u>Amount</u>
1	Operating Revenue	\$3,471
2	Operating Expenses	<u>3,033</u>
3	Net Operating Income	<u><u>\$438</u></u>
4	Weighted Average Rate Base	\$4,775
5	Rate of Return*	8.02%

*Authorized Cost of Capital

ATTACHMENT H

San Diego Gas & Electric Company
Summary of Earnings

**SAN DIEGO GAS & ELECTRIC COMPANY
SUMMARY OF EARNINGS
Twelve Months Ended December 31, 2016
(DOLLARS IN MILLIONS)**

<u>Line No.</u>	<u>Item</u>	<u>Amount</u>
1	Operating Revenue	\$4,675
2	Operating Expenses	<u>3,982</u>
3	Net Operating Income	<u><u>\$693</u></u>
4	Weighted Average Rate Base	\$8,019
5	Rate of Return*	7.79%

*Authorized Cost of Capital