

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

Joint Application of Southern California Edison )  
Company (U 338-E) and San Diego Gas & ) A.16-12-\_\_\_\_  
Electric Company (U 902-E) For Cost Recovery )  
Of The Wheeler North Reef Expansion Project )  
Marine Mitigation Costs. )  
\_\_\_\_\_ )

**JOINT APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E)  
AND SAN DIEGO GAS & ELECTRIC COMPANY (U 902-E) FOR COST RECOVERY  
OF THE WHEELER NORTH REEF EXPANSION PROJECT MARINE MITIGATION  
COSTS**

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COSTS**

Pursuant to the California Public Utilities Commission (CPUC or Commission) Rules of Practice & Procedure, Southern California Edison Company (SCE) and San Diego Gas & Electric Company (SDG&E) (hereinafter collectively referred to as the “Utilities”), hereby respectfully submit the following Joint Application requesting cost recovery of the Wheeler North Reef (WNR) Expansion Project marine mitigation costs (WNR Expansion Project).

## I.

### **SUMMARY OF REQUEST**

In this Joint Application, the Utilities jointly request that the Commission:

1) Approve cost recovery for the WNR Expansion Project, currently estimated at \$33 million (100% share, 2016\$).

SCE respectfully requests that the Commission adopt the following ratemaking for the WNR Expansion Project:

(1) Authorize the recovery of recorded WNR Expansion Project expenses in SCE's distribution sub-account of SCE's Base Revenue Requirement Balancing Account (BRRBA);

(2) Authorize SCE to include in distribution rates an estimated annual WNR Expansion Project revenue requirement commencing January 1, 2018 through December 31, 2020; and

(3) Audit WNR Expansion Project recorded costs in SCE's annual ERRA Review applications to ensure that all recorded costs are associated with activities as defined and adopted by the Commission in this proceeding.

SDG&E respectfully requests that the Commission adopt the following ratemaking for the WNR Expansion Project:

(1) Expediently review and grant SDG&E's Motion to Amend its Marine Mitigation Memorandum Account (MMMA) and Record Wheeler North Reef Expansion Project Marine Mitigation Costs Starting January 1, 2017, filed concurrently with this Joint Application to create a subaccount for the WNR Expansion Project costs to record costs incurred on or after January 1, 2017;

(2) Authorize SDG&E to recover costs it incurs on or after January 1, 2017 for the WNR Expansion Project;<sup>1</sup> and

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<sup>1</sup> These costs would include SDG&E's 20% share of the WNR Expansion Project costs, as well as any contractual overheads and other costs billed to SDG&E by SCE.

(3) Authorize SDG&E to include in generation rates its WNR Expansion Project revenue requirement effective 2018 or as applicable depending on the timing of the Commission decision.

## II.

### DISCUSSION

#### A. Introduction

In Decision (D.) 15-11-021 (SCE's 2015 General Rate Case), the CPUC determined that costs related to SCE's compliance with marine mitigation projects required under the California Coastal Commission's (CCC) coastal development permit (CDP) for SONGS 2&3 is a required cost of service properly paid by customers.<sup>2</sup> This decision also authorized the Utilities to submit an application separate from their respective general rate case (GRC) applications, to the extent they seek cost recovery for any additional reef construction.<sup>3</sup>

In September 2016, the CCC directed SCE to expand the WNR to improve the performance of the reef, as determined by the CCC. Due to this timing and the CPUC's direction provided in D.15-11-021, the costs for the WNR Expansion Project are not included in SCE's most-recent GRC application for Test Year 2018.<sup>4</sup>

In this Joint Application, the Utilities request that the CPUC approve cost recovery for the WNR Expansion Project, currently estimated at \$33 million (100% share, 2016\$). The Utilities will update this estimate as the project scope is approved by the CCC and other

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<sup>2</sup> D.15-11-021, p. 288.

<sup>3</sup> D.15-11-021, p. 289, Finding of Fact No. 369 and Ordering Paragraph No. 15.

<sup>4</sup> A.16-09-001. The forecasted marine mitigation costs included in SCE's TY 2018 GRC are for ongoing maintenance and monitoring of mitigation efforts at the San Dieguito Wetlands and the WNR. *See* SCE-07 Volume 2 (D. Neal). Traditionally, SDG&E receives its authorized revenue requirement for 20% of the marine mitigation costs through its participation in SCE's GRC. *See, e.g.*, D.15-11-021 at OP 11. SDG&E is participating as a party in the SCE GRC. A.16-09-001, Tr. Vol. 1 at 14 (October 25, 2016). However, at the time of this filing, no scoping memorandum or filing schedule has yet been issued in SCE's TY 2018 GRC, so SDG&E has not submitted its intervenor testimony requesting its marine mitigation revenue requirement yet.



permitting agencies. The Utilities propose to submit an annual advice letter in November each year with a forecast of WNR Expansion Project expenses for the upcoming year.

**B. SONGS 2&3 CDP and CDP Amendments**

The CCC issued the original SONGS 2&3 CDP in 1974, approving a permit for SONGS 2&3 construction.<sup>5</sup> The permit provided two conditions that (1) established a three-member independent Marine Review Committee (MRC) to evaluate the impact of SONGS 2&3 on the marine environment, and (2) authorized the CCC to direct SCE to meet certain requirements to address any adverse impacts to the marine environment identified by the MRC. As provided in more detail in SCE’s testimony, during the course of SONGS 2&3 operations, the CCC has amended the SONGS 2&3 CDP several times, requiring SCE to implement various marine mitigation projects to address SONGS 2&3’s impact on the marine environment, as determined by the CCC.

On July 16, 1991, the CCC amended the SONGS 2&3 CDP, adding a marine mitigation condition requiring SCE to construct, among other things, an artificial kelp reef to mitigate impacts on the San Onofre kelp reef. On March 17, 1994, the CCC amended the CDP again adding additional mitigation requirements, including a requirement for monitoring the artificial reef project. On April 9, 1997, the CCC amended the CDP requirements once more, changing the scope of the mitigation requirement for the artificial reef project. Construction of the artificial reef, now known as the Wheeler North Reef or WNR, was completed in September 2008, but the CCC has not affirmed compliance.

Although SONGS 2&3 are now being decommissioned, SCE is still obligated to meet the CDP requirements for the WNR, as determined by the CCC. The SONGS 2&3 CDP provides that the “permittee shall insure that the performance standards and goals set forth [in the CDP] will be met for at least the length of time equivalent to the full operating life of SONGS Units 2

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<sup>5</sup> Permit No. 6-81-330-A (formerly 183-73).

and 3.”<sup>6</sup> The “full operating life” of SONGS 2&3 is defined under the CDP as including “past and future years of operation of SONGS Units 2 and 3, including the decommissioning period to the extent there are continuing discharges” from SONGS into the marine environment.<sup>7</sup> SONGS expects to continue to utilize the discharge conduits during the decommissioning period for the foreseeable future.

**C. CCC Has Required SCE To Expand The WNR**

**1. CCC Monitoring Efforts And Conclusions**

The CCC continues to actively evaluate the WNR’s performance to determine whether the requirements of the CDP are met and whether any additional mitigation measures should be required under the SONGS 2&3 CDP. CCC-appointed scientists have been independently monitoring the WNR’s performance since 2009, and reporting the results to the public on an annual basis.<sup>8</sup> The WNR must meet eleven relative standards (compared to natural reefs) and three absolute standards. The WNR has consistently met the relative performance standards, but it has failed to meet all of the absolute standards. In May 2016, SCE received formal notification from the CCC Executive Director that remediation of the WNR is necessary to meet the requirements of the CDP,<sup>9</sup> and required SCE to submit a remediation plan to meet this standard.<sup>10</sup>

**2. SCE’s Efforts To Protect Customer Interests**

In July 2016, SCE asserted that the additional remediation requirements would be contrary to Utility customers’ interest and unnecessarily increase Utility customers’ costs. SCE

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<sup>6</sup> 1997 CDP SONGS Permit No. 6-81-330-A, p. 37.

<sup>7</sup> *Id.*, p. 37, fn. 3.

<sup>8</sup> See SCE-01, fn 6.

<sup>9</sup> See Letter from John Ainsworth to SCE, dated May 24, 2016 (Appendix A in SCE’s testimony).

<sup>10</sup> See Permit No. 6-81-330-A, at p. 34 (“The permittee shall be responsible for fully implementing any remedial measures deemed necessary by the Executive Director”).

specifically argued that the CCC should not impose the requirements because: (1) the CCC's WNR remediation requirements are premature given that the CDP affords SCE 10 years, or until 2019, to achieve full performance standards compliance; and (2) the CCC should utilize a relative performance standard (which is being met) comparing the WNR's performance to other reefs as the basis for determining whether the WNR's performance is acceptable.<sup>11</sup> SCE also requested that the CCC consider accelerating the termination of SCE's reef compliance monitoring obligations, which SCE believes have reached a point of diminished value for compliance monitoring, but continue to impose substantial expenses on SCE and SDG&E customers.<sup>12</sup> SCE emphasized its CPUC-required obligations to "zealously protect" customer interests at the CPUC.

In mid-September 2016, the CCC rejected SCE's arguments and asserted that WNR remediation is required now. The CCC directed SCE to begin developing a project description and design, engineering and construction plan for the CCC's review.<sup>13</sup> Acknowledging SCE's obligations to protect customers and the Commission's role in approving project costs, the CCC has reached out to Commission staff to coordinate efforts.<sup>14</sup>

**D. 2016-2020 Scope of Work Submitted in the 2018 General Rate Case**

SCE submitted its cost forecasts in its pending TY 2018 GRC application for the continued operation and maintenance of the various CCC-required marine mitigation projects, including the original WNR project. None of the expenses identified in this Joint Application for the WNR Expansion Project were included in SCE's pending GRC application.

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<sup>11</sup> See Letter from SCE to CCC, dated July 8, 2016 (Appendix A in SCE's testimony).

<sup>12</sup> See Letter from SCE to CCC, dated July 8, 2016 (Appendix A in SCE's testimony).

<sup>13</sup> See Letter from CCC to SCE, dated September 14, 2016 (Appendix A in SCE's testimony).

<sup>14</sup> See Letter from CCC to SCE, dated September 14, 2016 (Appendix A in SCE's testimony).

**E. The CPUC Should Approve Cost Recovery**

**1. WNR Expansion Project Costs Are A Cost Of Service**

The WNR Expansion Project must comply with the CCC's requirement that SCE expand the existing WNR to increase fish biomass to greater than 28 U.S. tons. Although SONGS 2&3 is being decommissioned, SCE and the other SONGS owners have an on-going obligation to mitigate the impacts to the marine environment caused by SONGS 2&3 operations, as determined by the CCC. The costs for the WNR Expansion Project are a cost of service properly paid by customers. The WNR Expansion Project costs should be fully allocated to customers, just like any other compliance obligation imposed on SCE while providing CPUC approved service. This ratemaking principle is well-established and consistent with the CPUC's decision in D.15-11-021 regarding marine mitigation costs.

**2. The WNR Expansion Project Costs Are Reasonable And Consistent With Previous CPUC-Approved Costs For Construction Of The WNR**

As explained in SCE's testimony, the cost for installing an artificial reef is largely driven by the costs of the building material (i.e. the rock making up the reef), including procurement, transportation, and installation expenses. During the most-recent WNR construction, SCE used approximately 126,000 tons of rock at a total project cost of \$17 million. The current plan for the WNR Expansion Project would require 288,750 tons of rock with a forecasted total project cost of \$33 million (100% share, 2016\$) based on current market rates. Based upon the amount of rock utilized and total project costs, the cost forecast for the WNR Expansion Project has an overall lower cost ratio (\$115 per ton of rock used) than the corresponding cost ratio for the original WNR (\$135 per ton of rock used). The CPUC previously approved the costs of the original WNR as reasonable.<sup>15</sup> As such, because the costs forecast in this Joint Application are

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<sup>15</sup> D.09-03-025, Section 8.2.1, p. 184.

based on market rates and follow previously approved costs to construct the original reef, they should be approved as reasonable.

**F. Ratemaking**

The Utilities propose their respective ratemaking proposals below.

**1. SCE's Ratemaking Proposal**

As explained in SCE's testimony, SCE requests approval to recover the actual revenue requirements associated with the WNR Expansion Project in the distribution sub-account of its Base Revenue Requirement Balancing Account (BRRBA) effective upon a CPUC final decision approving this Application. Beginning in 2018, SCE requests to include in distribution rate levels a forecast WNR Expansion Project revenue requirement each year through 2020. The annual revenue requirement change associated with the 2018-2020 WNR Expansion Project forecast revenue requirements will be consolidated and made when all other previously authorized revenue requirement changes are reflected in rates on January 1<sup>st</sup> of each year, consistent with current practice.

**a) SCE's Cost Recovery Proposal**

SCE proposes to include in distribution rates a forecast annual WNR Expansion Project revenue requirement, effective the beginning of each year commencing January 1, 2018 through 2020. SCE proposes that customers pay only the actual WNR Expansion Project revenue requirements, recording the WNR Expansion Project costs incurred to the distribution sub-account of SCE's BRRBA each month. Any difference between the forecast WNR Expansion Project revenue requirement included in rate levels and the actual recorded WNR Expansion Project revenue requirement will be "trued-up" in the BRRBA. Through this proposed ratemaking, only the actual realized revenue requirement associated with the WNR Expansion Project will ultimately be collected from customers. Any over-collection recorded in the

BRRBA at the end of each year would be refunded to customers in the subsequent year.

Likewise, any under-collection that is recorded in the BRRBA at the end of each year would be recovered from customers in the subsequent year.

SCE explains the basis for this cost recovery proposal in its testimony.

**b) Forecast of SCE's WNR Project Revenue Requirements**

The table below contains SCE's forecast annual revenue requirements for the WNR Expansion Project from 2017-2020.<sup>16</sup> Pursuant to D.15-11-021, all expenses associated with the SONGS 2&3 marine mitigation projects are to be treated and recovered as O&M expense beginning in 2015.<sup>17</sup> SCE's forecast revenue requirements were derived based on the estimated O&M expenses for the WNR Expansion Project. SCE proposes to use non-labor escalation rates and a Franchise Fees and Uncollectibles (FF&U) expense rate from SCE's most recent GRC.

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<sup>16</sup> As stated above, SCE will forego recovery of any amounts incurred prior to a CPUC decision authorizing recovery in the BRRBA.

<sup>17</sup> D.15-11-021, p. 289.

**Table II-1**  
**SCE WNR Expansion Project Revenue Requirements**  
**(\$000)**

Line No.	Description	2017	2018	2019	2020	Total
1.	Materials, Transportation and Construction	-	-	12,994	12,994	25,988
2.	Mobilization and Demobilization of Construction Equipment	-	-	450	300	750
3.	Environmental Studies and Document Preparation	300	200	-	-	500
4.	Permitting	100	100	100	-	300
5.	Compliance	-	-	200	200	400
6.	Engineering, Construction Management, Construction Verification	200	200	400	800	1,600
7.	Contingency (10%)	60	50	1,414	1,429	2,953
8.	Project Management Support	110	110	112	112	444
9.	Subtotal Costs	770	660	15,670	15,835	32,935
10.	Escalation	23	39	1,395	1,881	3,338
11.	Subtotal Costs incl. Escalation	793	699	17,065	17,716	36,273
12.	SCE Share (78.21%)	620	547	13,347	13,856	28,370
13.	FF&U	7	6	155	161	329
14.	Revenue Requirement	<u>627</u>	<u>553</u>	<u>13,502</u>	<u>14,017</u>	<u>28,699</u>

Beginning in 2018, SCE requests to include in distribution rate levels a forecast WNR Expansion Project revenue requirement through 2020. The annual revenue requirement associated with the WNR Expansion Project will be consolidated and made when all other previously authorized revenue requirement changes are reflected in January 1 rates each year, consistent with current practice.

SCE proposes to file an advice letter each year to determine the WNR Expansion Project revenue requirement to be included in distribution rates the following year. SCE proposes to file

this advice letter in November each year beginning in 2017. In the annual advice letters, SCE will update the WNR Expansion Project revenue requirement to reflect the most recent forecast of WNR Expansion Project O&M expenses for that year, including the most recent adopted escalation and FF&U rates. SCE will then consolidate the changes in its distribution rates to reflect these updated WNR Expansion Project revenue requirements in conjunction with other authorized rate level changes in its January 1 consolidated revenue requirement and rate change.

If the WNR Expansion Project extends beyond 2020, SCE will include costs in its 2021 GRC request, along with forecasted O&M costs for all ongoing SONGS 2&3 marine mitigation projects.

c) **Proposed CPUC ERRA Review Of WNR Expansion Project Expansion Expenditures**

During this proceeding, the CPUC will review the reasonableness of authorizing recovery of WNR Expansion Project costs. Therefore, no further after-the fact review will be required. Pursuant to the CPUC-adopted process for reviewing SCE's balancing accounts, the recorded operation of the BRRBA is audited by the CPUC in SCE's annual Energy Resource Recovery Account (ERRA) Review applications. This review process ensures that all entries to the account are stated correctly and are consistent with CPUC decisions. SCE will include testimony specifically addressing the WNR Expansion Project recorded costs in its annual ERRA Review applications. The CPUC's ERRA review of SCE's WNR Expansion Project costs should focus on ensuring that all recorded costs are associated with activities as defined and adopted by the CPUC in this proceeding.

2. **SDG&E's Ratemaking Proposal**

As explained in SDG&E's testimony, SDG&E requests approval to recover costs incurred on or after January 1, 2017 for SDG&E's 20% share of the WNR Expansion Project, currently estimated at \$33 million (100%; 2016\$), plus associated costs. SDG&E also requests



authorization to recover its recorded WNR Expansion Project expenses in SDG&E's generation rates.

a) **SDG&E's Cost Recovery Proposal**

SDG&E will recover the revenue requirement associated with the WNR Expansion Project through its Non-Fuel Generation Balancing Account (NGBA). The NGBA provides recovery of approved electric generation non-fuel costs not being recovered by another component of SDG&E's rates and applies to bundled service customers. Every November, SDG&E files a Tier 2 advice letter requesting Commission approval of its NGBA revenue requirement as well as forecasted year-end balances for amortization starting January 1 of the following year. The WNR Expansion Project costs and resulting revenue requirement is likely to change over the course of the Project. To keep its forecasts current and to keep the CPUC apprised of any altered forecasts, SDG&E will file its annual NGBA advice letter in November with the most recent forecast of WNR Expansion Project expense for the upcoming year.

Additionally, SDG&E is seeking authorization to modify its MMMA as of January 1, 2017 through its Motion of San Diego Gas and Electric Company (U 902-E) to Amend Its Memorandum Account for Marine Mitigation and Record Wheeler North Reef Expansion Project Marine Mitigation Costs Starting January 1, 2017, filed contemporaneously with the Joint Application. If approved, the proposed modifications would allow SDG&E to create a WNR Expansion Project Sub-account in its MMMA. SDG&E would record its WNR costs incurred on or after January 1, 2017 in the Subaccount to track the difference between the approved revenue requirement, the amount of revenue billed, and actual project costs. In this way, SDG&E's ratepayers will be responsible only for actual WNR costs incurred by SDG&E.

SDG&E explains the basis for this cost recovery proposal in its testimony.

**b) Forecast of SDG&E’s WNR Project Revenue Requirements**

The table below contains SDG&E’s forecast annual revenue requirements for the WNR Expansion Project from 2017-2020.<sup>18</sup> Pursuant to D.15-11-021, all expenses associated with the SONGS 2&3 marine mitigation projects are to be treated and recovered as O&M expense beginning in 2015.<sup>19</sup> SDG&E’s forecasted costs were derived from information provided in SCE’s testimony, which estimated the total WNR Expansion Project costs at the 100% level, and include non-labor escalation. The WNR Expansion Project costs at the 100% level were multiplied by SDG&E’s 20% ownership share. Then contractual overheads billed by SCE (including a 1% non-labor A&G rate)<sup>20</sup> were added as well as the FF&U to calculate the revenue requirement of \$7.416 million.

**Table II-2**  
***SDG&E WNR Project Revenue Requirement***  
***(\$000)***

<b>Line No.</b>	<b>Description</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>Total Cost</b>
1	SDG&E (20% share) w/overheads (O&M)	160	141	3,447	3,579	7,327
2	SDG&E Revenue Requirement with FF&U	162	143	3,489	3,622	7,416

SDG&E only forecasts, and seeks recovery herein, for WNR Expansion Project costs recorded 2017 through 2020. If the WNR Expansion Project continues past 2020, SDG&E will seek cost recovery of those forecasted costs in the appropriate general rate case or in a separate application, as directed by the Commission. If new or additional maintenance and monitoring

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<sup>18</sup> Based on the timing of this Joint Application filing, SDG&E anticipates that a final decision will not be issued, and no revenue requirement will be authorized, until mid to late 2017 or later. Therefore, SDG&E expects that upon CPUC approval, it will recover the 2017 revenue requirement in 2018.

<sup>19</sup> D.15-11-021 at p. 289.

<sup>20</sup> This A&G overhead is contractually billed to SDG&E under the Second Amended San Onofre Operating Agreement.

responsibilities for the expanded reef emerge after the WNR Expansion Project is complete, SDG&E will seek cost recovery for those new or incremental costs with the other ongoing Marine Mitigation costs in the appropriate general rate case or separate application, as directed by the Commission.

### III.

#### **STATUTORY AND PROCEDURAL REQUIREMENTS**

##### **A. Statutory and Regulatory Authority**

This Joint Application is made pursuant to Sections 451, 454, 701, and 8321, et seq. of the Public Utilities Code. In addition, this request complies with applicable Commission rules, prior decisions, orders, and resolutions.

The Utilities demonstrate compliance with the Commission rules applicable to the Joint Application as follows.

##### **B. Compliance With Commission Rules For Applications**

###### **1. Rule 2.1 -- Contents**

Rule 2.1 requires:

All applications shall state clearly and concisely the authorization or relief sought; shall cite by appropriate reference the statutory provision or other authority under which Commission authorization or relief is sought, shall be verified by at least one applicant . . . ; and . . . shall state the following: (a) [applicant information]; (b) [applicant service information]; (c) The proposed category for the proceeding, the need for hearing, the issues to be considered, and a proposed schedule. . . .; (d) Such additional information as may be required by the Commission in a particular proceeding.

a) **Applicant Information and Service Information**

(1) **SCE**

SCE is a corporation organized and existing under the laws of the state of California, and is primarily engaged in the business of generating, purchasing, transmitting, distributing and selling electric energy for light, heat and power in portions of central and southern California as a public utility subject to the jurisdiction of the Commission. SCE's properties, substantially all of which are located within the state of California, consist of generation facilities, transmission and distribution lines, and other property necessary in connection with its business. The exact legal name of the Applicant is Southern California Edison Company.

SCE's principal place of business is 2244 Walnut Grove Avenue, Rosemead, California, and its post office address and telephone number are:

Southern California Edison Company  
Post Office Box 800  
Rosemead, California 91770  
Telephone: (626) 302-1212

Walker A. Matthews, III is the SCE attorney on this matter. Please address correspondence or communications in regard to this Application to Mr. Matthews at:

Walker A. Matthews  
Senior Attorney  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Rosemead, CA 91770  
Telephone: (626) 302-6879  
E-mail: walker.matthews@sce.com

To request a copy of this Joint Application, please contact Mr. Matthews.

(2) **SDG&E**

SDG&E is a 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. The exact legal name of the Applicant is San Diego Gas & Electric Company. SDG&E's principal place of business is 8330 Century Park Court, San Diego, California 92123.

Correspondence or communications regarding this application or to request a copy of this Joint Application from SDG&E, should be addressed to:

Emma D. Salustro  
Attorney  
San Diego Gas & Electric Company  
8330 Century Park Court, CP32D  
San Diego, CA 92123  
Telephone: (858) 654-1861  
Email: esalustro@semprautilities.com

Wendy D. Johnson  
Regulatory Business Manager  
San Diego Gas & Electric Company  
8330 Century Park Court, CP32F  
San Diego, CA 92123  
Telephone: (858) 654-1185  
Email: wdjohnson@semprautilities.com

**b) Proposed Categorization**

California Public Utilities Code § 1701.1(c)(3) defines ratesetting as “cases in which rates are established for a specific company, including, but not limited to, general rate cases, performance-based ratemaking, and other ratesetting mechanisms.” The Utilities propose this Joint Application be designated as a “ratesetting” proceeding.

**c) Proposed Schedule and Issues To Be Considered**

The Utilities anticipate that hearings will not be necessary in this proceeding. If hearings are deemed to be necessary, the Utilities propose the procedural schedule shown in Table III-2, to resolve the issues presented within ten months of the filing of the Application, given that the issues are limited in scope.

**Table III-2**  
**Joint Application Proposed Schedule If Hearings Required**

SCE and SDG&E Joint Application Filed / Supporting Testimony Submitted	November 2016
Prehearing Conference	January 2017
Intervenor Testimony	March 1, 2017
Rebuttal Testimony	April 1, 2017
Evidentiary Hearings	May 1-2, 2017
Opening Briefs	June 1, 2017
Reply Briefs	July 1, 2017
Proposed Decision	August 2017

The principal issues to be considered include the reasonableness of the Utilities’ requests for cost recovery for the WNR Expansion Project and respective ratemaking proposals.

**d) Safety**

In D.16-01-017, the Commission amended Rule 2.1 to require all applications to include a detailed showing of relevant safety considerations. In this proceeding, the Commission is primarily considering the prudence and reasonableness of the Utilities’ estimate, activities, and costs for the WNR Expansion Project. These issues generally do not involve safety issues.

The Utilities are committed to ensure worker safety during the WNR Expansion Project, and hold the welfare of employees and contractors at SONGS as a top priority. Safety is a core principle and an integral requirement for all work activities. SCE implements a comprehensive safety program to ensure all personnel working on this project do so safely. For example, frequent safety planning, pre-job safety briefings, worksite inspections, and post-job debriefs of lessons learned are part of the everyday work environment and will be implemented during this project. The Division of Occupational Safety and Health (DOSHS), better known as Cal/OSHA, also provides oversight regarding worker health and safety issues. SCE will comply with

Cal/OSHA requirements in connection with this project work. Finally, the CCC, California State Lands Commission (SLC), and other state and federal agencies will review the WNR Expansion Project for public safety, environmental safety, and other related purposes. Because these safety issues will be addressed by other state and federal agencies, the Commission does not need to address safety issues in this proceeding, which is generally focused on ratemaking and cost-recovery issues.

**2. Rule 2.2 – Organization and Qualification To Transact Business**

Rule 2.2 provides:

All applicants [] shall submit with their applications a copy of the entity's organizing documents and evidence of the applicant's qualification to transact business in California. If current documentation has previously been filed with the Commission, the application need only make specific reference to such filing.

**a) Articles Of Incorporation**

**(1) SCE**

A copy of SCE's Certificate of Restated Articles of Incorporation, effective on March 2, 2006, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 14, 2006, in connection with Application No. 06-03-020, and is incorporated herein by this reference pursuant to Rule 2.2 of the Commission's Rules of Practice and Procedure.

A copy of SCE's Certificate of Determination of Preferences of the Series E Preference Stock filed with the California Secretary of State on January 12, 2012, and a copy of SCE's Certificate of Increase of Authorized Shares of the Series E Preference Stock filed with the California Secretary of State on January 31, 2012, and presently in effect, certified by the

California Secretary of State, were filed with the Commission on March 5, 2012, in connection with Application No. 12-03-004, and are incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series F Preference Stock filed with the California Secretary of State on May 5, 2012, and presently in effect, certified by the California Secretary of State, was filed with the Commission on June 29, 2012, in connection with Application No. 12-06-017, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series G Preference Stock filed with the California Secretary of State on January 24, 2013, and presently in effect, certified by the California Secretary of State, was filed with the Commission on January 31, 2013, in connection with Application No. 13-01-016, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series H Preference Stock filed with the California Secretary of State on February 28, 2014, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 24, 2014, in connection with Application No. 14-03-013, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series J Preference Stock filed with the California Secretary of State on August 19, 2015, and presently in effect, certified by the California Secretary of State, was filed with the Commission on October 2, 2015, in connection with Application No. 15-10-001, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series K Preference Stock filed with the California Secretary of State on March 2, 2016, and presently in effect, certified by the California Secretary of State, was filed with the Commission on April 1, 2016, in connection with Application No. 16-04-001, and is incorporated herein by this reference.

Certain classes and series of SCE's capital stock are listed on a "national securities exchange" as defined in the Securities Exchange Act of 1934 and copies of SCE's latest Annual Report to Shareholders and its latest proxy statement sent to its stockholders has been filed with



the Commission with a letter of transmittal dated March 18, 2016, pursuant to General Order Nos. 65-A and 104-A of the Commission.

(2) **SDG&E**

SDG&E is a corporation duly created under the laws of the state of California. A certified copy of the Restated Articles of Incorporation of San Diego Gas & Electric Company 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 A.14-09-008 and is incorporated herein by reference.

3. **Rule 2.3 and Rule 3.2(a)(1)– Financial Statements**

a) **SCE**

Appendix A-1 to this Application contains copies of SCE's Balance Sheet as of September 30, 2016, and Income Statement for the period ended September 30, 2016, the most recent period available.

b) **SDG&E**

Appendix B-1 to this Application contains copies of SDG&E's financial statement, balance sheet, and income statement for the period ended June 30, 2016, the most recent period available.

4. **Rule 2.4 – CEQA Compliance**

Rule 2.4(c) states that any application for authority to undertake a project that is statutorily or categorically exempt from CEQA requirements shall so state, with citation to the relevant authority. Public Resources Code section 21080(b)(8) states that CEQA does not apply to the “establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies.” Therefore, CEQA does not apply to this Joint Application.

5. **Rule 3.2(a)(2) and Rule 3.2.(a)(3)**

a) **SCE**

Based on SCE’s estimated 2018-2020 WNR Expansion Project revenue requirements, the overall average percent increase over present rate revenue (PRR) by year is shown in the table below.

***Table III-3  
SCE WNR Expansion Project Rate Impact***

(\$000)	2018	2019	2020	Source
Revenue Requirement	553	13,502	14,017	Table IV-1
Present Rate Revenue (PRR)	11,417,670	11,393,715	11,277,777	2018 GRC A.16-09-001 SCE Exhibit SCE-09, Vol. 1
Percent Increase over PRR	0.005%	0.119%	0.124%	

If the CPUC were to allocate the revenue requirements as shown in Table III-3 to SCE’s customer groups on a System Average Percentage Change (SAPC) basis, the table below is representative of the estimated rate impact by customer group from 2018 to 2020. There will be no rate increase in 2018, and the rate increase in 2019 will remain in effect for two years (2019 and 2020).

**Table III-4**  
**Estimated Impact of This Request on SCE Customer Rates**

Customer Group	System Revenues (\$000)			Bundled (¢/kWh)	
	Current Revenues (\$000) <sup>[1]</sup>	Proposed Revenues (\$000)	% Change over Current	Current Rates (¢/kWh) <sup>[1]</sup>	Proposed Rates (¢/kWh)
Residential	4,729,345	276	0.01%	17.15	17.15
Lighting - Small and Medium Power	4,112,709	187	0.00%	15.59	15.59
Large Power	1,804,479	66	0.00%	10.78	10.78
Agricultural and Pumping	387,371	16	0.00%	11.86	11.86
Street and Area Lighting	126,305	1	0.00%	17.04	17.04
Standby	257,361	7	0.00%	8.97	8.97
<b>Total</b>	<b>11,417,570</b>	<b>553</b>	<b>0.00%</b>	<b>14.87</b>	<b>14.87</b>

[1] "Current" = June 01, 2016 rates with 2018 forecasts

Customer Group	System Revenues (\$000)			Bundled (¢/kWh)	
	Current Revenues (\$000) <sup>[1]</sup>	Proposed Revenues (\$000)	% Change over Current	Current Rates (¢/kWh) <sup>[1]</sup>	Proposed Rates (¢/kWh)
Residential	4,655,571	6,660	0.14%	17.18	17.20
Lighting - Small and Medium Power	4,140,228	4,619	0.11%	15.59	15.61
Large Power	1,823,098	1,639	0.09%	10.79	10.79
Agricultural and Pumping	390,572	392	0.10%	11.85	11.87
Street and Area Lighting	126,878	25	0.02%	16.92	16.93
Standby	257,368	167	0.06%	8.97	8.98
<b>Total</b>	<b>11,393,715</b>	<b>13,502</b>	<b>0.12%</b>	<b>14.86</b>	<b>14.87</b>

[2] "Current" = June 01, 2016 rates with 2019 forecasts

Customer Group	System Revenues (\$000)			Bundled (¢/kWh)	
	Current Revenues (\$000) <sup>[1]</sup>	Proposed Revenues (\$000)	% Change over Current	Current Rates (¢/kWh) <sup>[1]</sup>	Proposed Rates (¢/kWh)
Residential	4,543,072	7,279	0.16%	17.18	17.21
Lighting - Small and Medium Power	4,135,096	4,734	0.11%	15.66	15.68
Large Power	1,823,604	1,395	0.08%	10.82	10.83
Agricultural and Pumping	391,166	436	0.11%	11.89	11.90
Street and Area Lighting	127,471	28	0.02%	16.81	16.81
Standby	257,368	144	0.06%	8.97	8.98
<b>Total</b>	<b>11,277,777</b>	<b>14,017</b>	<b>0.12%</b>	<b>14.87</b>	<b>14.89</b>

[3] "Current" = June 01, 2016 rates with 2020 forecasts

**b) SDG&E**

A statement of all of SDG&E's presently effective electric rates can be found on its website.

Appendix B-2 to this Application provides the current table of contents from SDG&E's electric tariffs on file with the Commission.

Based on SDG&E’s estimated 2017-2020 WNR Expansion Project revenue requirements, the rate impact is a 0.01% system average rate increase relative to current rates for 2018<sup>21</sup>, an estimated 0.10% system average rate increase for 2019, and an estimated 0.11% system average rate increase for 2020. The rate impacts by class are summarized in the Table below:

**Table III-5**  
**SDG&E WNR Expansion Project Rate Impact**

Customer Class	Class Average Rates Effective 08/01/16 <sup>22</sup>	Class Average Rates including 2017 & 2018 Revenue Requirement <sup>23</sup>	% Rate Change 2018 <sup>24</sup>	Class Average Rates including 2019 Revenue Requirement	% Rate Change 2019 (compared to 08/01/16)	Class Average Rates including 2020 Revenue Requirement	% Rate Change 2020 (compared to 08/01/16)
Residential	<b>22.644</b>	<b>22.646</b>	<b>0.01%</b>	<b>22.665</b>	<b>0.09%</b>	<b>22.666</b>	<b>0.10%</b>
Small Commercial	<b>22.511</b>	<b>22.513</b>	<b>0.01%</b>	<b>22.530</b>	<b>0.08%</b>	<b>22.531</b>	<b>0.09%</b>
Medium and Large C&I <sup>25</sup>	<b>18.749</b>	<b>18.751</b>	<b>0.01%</b>	<b>18.770</b>	<b>0.11%</b>	<b>18.770</b>	<b>0.11%</b>
Agricultural	<b>16.544</b>	<b>16.546</b>	<b>0.01%</b>	<b>16.562</b>	<b>0.11%</b>	<b>16.563</b>	<b>0.11%</b>
Lighting	<b>18.778</b>	<b>18.780</b>	<b>0.01%</b>	<b>18.793</b>	<b>0.08%</b>	<b>18.793</b>	<b>0.08%</b>
System Total	<b>20.524</b>	<b>20.526</b>	<b>0.01%</b>	<b>20.545</b>	<b>0.10%</b>	<b>20.546</b>	<b>0.11%</b>

A typical non-CARE residential customer living in the inland climate zone and using 500 kilowatt-hours per month could see a monthly winter bill increase of 0.01%, or \$0.01, from a typical current monthly bill of \$111.54 to \$111.55 for 2018, an increase of 0.09%, or \$0.10, from a typical current monthly bill of \$111.54 to \$111.64 for 2019 and, an increase of 0.09%, or \$0.10, from a typical current monthly bill of \$111.54 to \$111.64 for 2020.

<sup>21</sup> Assumes SDG&E will implement the 2017 and 2018 revenue requirement in rates effective 2018.

<sup>22</sup> Rates effective 08/01/2016 per SDG&E Advice Letter 2996-E (pending Commission approval).

<sup>23</sup> Assumes SDG&E will implement the 2017 and 2018 revenue requirement in rates effective 2018.

<sup>24</sup> Assumes SDG&E will implement the 2017 and 2018 revenue requirement in rates effective 2018.

<sup>25</sup> “C&I” is Commercial and Industrial.

6. **Rule 3.2(a)(4) – Description Of Property And Equipment, Original Cost Thereof, And Depreciation Reserve**

a) **SCE**

SCE's service territory is located throughout central and southern California, and includes approximately 200 incorporated communities as well as outlying rural territories. A list of the counties and municipalities served by SCE is attached hereto as A-2.

SCE is engaged in the business of generating, transmitting, and distributing electric energy in portions of central and southern California. In addition to its properties in California, SCE owns, jointly with others, a facility located in Arizona. SCE's share of these facilities produces electric energy for use by SCE customers in California.

SCE owns and operates 33 hydroelectric plants located throughout central and southern California, one combined-cycle gas plant with two units, five gas-fired peaker units, a diesel-driven electric generating plant, and 25 solar photovoltaic sites (rooftop solar plants in southern California, as well as one ground-based solar plant located in central California). SCE has a 78.21% interest in San Onofre Nuclear Generating Station (SONGS) Units 2 and 3 located in southern California. SCE does not operate, but owns 15.8% interest in Palo Verde Nuclear Generating Station Units 1, 2, and 3 located in Arizona.

Pursuant to Commission Order in Decision No. 49665, dated February 16, 1954, SCE has, since 1954, used straight-line remaining life depreciation for computing book depreciation expense for accounting and ratemaking purposes. The original cost and depreciation reserve applicable to SCE's property and equipment are shown in the Balance Sheet attached in Appendix A-1 of this Application.

**b) SDG&E**

SDG&E is in the business of generating, transmitting and distributing electric energy to San Diego County and part of Orange County. SDG&E also purchases, transmits and distributes natural gas to customers in San Diego County. SDG&E has electric transmission, distribution and service lines in San Diego, Orange and Imperial Counties. This includes a composite 92% ownership in the 500,000 volt Southwest Powerlink including substations and transmission lines, which run through San Diego and Imperial Counties to the Palo Verde substation in Arizona. This also includes full ownership of the 500,000 volt Sunrise Powerlink including substations and transmission lines, which run through San Diego and Imperial Counties to the Imperial Valley substation. Gas facilities consist of the Moreno gas compressor station in Riverside County and the Rainbow compressor station located in San Diego County. The gas is transmitted through high and low-pressure distribution mains and service lines.

Applicant's original cost of utility plant, together with the related reserves for depreciation and amortization six-month period ending June 30, 2016, is shown on the balance sheet included in Appendix B-3.

**7. Summary Of Earnings – Rule 3.2(a)(5)**

**a) SCE**

A summary of earnings is provided in Appendix A-1.

**b) SDG&E**

A summary of SDG&E's earnings (for the total utility operations for the company) for six-month period ending June 30, 2016, is included as Appendix B-4 to this Application.

**8. Rule 3.2(a)(7) – Tax Depreciation**

**a) SCE**

Pursuant to Commission Decision No. 59926, dated April 12, 1960, SCE uses accelerated depreciation for income tax purposes and “flows through” reductions in income tax to ratepayers within the Commission’s jurisdiction for property placed in service prior to 1981. Pursuant to Decision No. 93848 in Order Instituting Investigation (OII) No. 24, SCE uses the Accelerated Cost Recovery System (ACRS) in determining depreciation for federal income tax purposes and “normalizes” the depreciation timing differences to ratepayers for property placed in service after 1980 in compliance with the Economic Recovery Tax Act of 1981. Pursuant to Decision No. 86-01-061 in OII No. 86-11-019, Phase II, SCE uses the Modified Accelerated Cost Recovery System (MACRS) in determining depreciation for federal income tax purposes and, in compliance with the Tax Reform Act of 1986, continues to “normalize” depreciation timing differences to ratepayers for property placed in service after 1986.

**b) SDG&E**

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 plan properties. For federal income tax accrual purposes, SDG&E generally computes 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, SDG&E has computed its tax depreciation using the Accelerated Cost Recovery System. For years after 1986, SDG&E has computed its tax depreciation using the Modified Accelerated Cost Recovery Systems and, since 1982, has normalized the effects of the depreciation differences in accordance with the Economic Recovery Tax Act of 1981 and the Tax Reform Act of 1986.

**9. Rule 3.2(a)(8) – Proxy Statement**

**a) SCE**

Certain classes and series of SCE's and Edison International's (SCE's parent company) capital stock are listed on a "National Securities Exchange" as defined in the Securities Exchange Act of 1934.

Three copies of the 2016 Edison International and SCE joint proxy statement were provided to the Commission in compliance with Ordering Paragraph No. 1 of Decision No. 88-01-063, Condition No. 5d, by a letter of transmittal dated March 18, 2016.

**b) SDG&E**

A copy of the 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.

**10. Statement Pursuant To Rule 3.2(a)(10)**

Rule 3.2(a)(10)<sup>26</sup> requires that the "application of electrical ... corporations shall separately state whether or not the increase reflects and passes through to customers only increased costs to the corporation for the services or commodities furnished by it." This Application is limited to passing through to the Utilities' respective customers "only increased costs to [each] corporation for the services or commodities furnished by it."

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<sup>26</sup> Rule 3.2(a)(9) applies only to telephone utilities, so is not addressed in this application.



**C. Service Of Notice – Rules 3.2(b), 3.2(c), 3.2(d)**

**1. SCE**

As required by Rule 3.2(b), a notice stating in general terms the proposed increases in rates will be mailed to the designated officials of the state and the counties and cities listed in Appendix A-2. As required by Rule 3.2(c), notice will be published in a newspaper of general circulation in each county in SCE’s service territory within which the rate changes would be effective. A list of the cities and counties affected by the increases proposed in this Application is attached as Appendix A-2. Finally, pursuant to Rule 3.2(d), notice shall be furnished to customers affected by the proposed increase by including such notice with the regular bills mailed to those customers. Finally, pursuant to Rule 3.2(e), SCE will file proof of compliance with the notice requirements of Rule 3.2(b)-(d) within 20 days after compliance with the last of these subsections that is applicable.

**2. SDG&E**

In compliance with Rule 3.2 (b) of the Commission’s Rules of Practice and Procedure, 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 to all those persons listed in Appendix B-5 to this Application.

In compliance with Rule 3.2 (c) of the Commission’s Rules of Practice and Procedure, SDG&E will, within twenty days after the filing of this Application, publish in newspapers of general circulation in each county in its service territory notice of this Application.

In compliance with Rule 3.2 (d) of the Commission’s Rules of Practice and Procedure, SDG&E will, within 45 days after the filing of this Application, provide notice of this Application to all of its customers along with the regular bills sent to those customers that will generally describe the proposed rate changes addressed in this Application.

**D. Service List**

The official service list has not yet been established in this proceeding. Given that SONGS 2&3 marine mitigation costs have been addressed in the Utilities’ most recent general rate cases, the SCE is serving this Application on the service lists established by the Commission for the Utilities’ respective most recent general rate cases.

**E. Index Of Exhibits**

SCE and SDG&E hereby incorporate by reference into this Joint Application the following exhibits:

*Table III-6  
List of Exhibits*

<b><u>Exhibit No.</u></b>	<b><u>Title</u></b>
SCE-1	<i>Testimony of Southern California Edison Company in Support of the Joint Application for Cost Recovery of the Wheeler North Reef Expansion Project Marine Mitigation Costs</i>
SDG&E-1	<i>Prepared Direct Testimony on Behalf of San Diego Gas &amp; Electric Company</i>

**IV.**

**CONCLUSION**

In this Joint Application, the Utilities jointly request that the Commission:

1) Approve the cost recovery for the WNR Expansion Project, currently estimated at \$33 million (100% share, 2016\$).

SCE respectfully requests that the Commission adopt the following ratemaking for the WNR Expansion Project:

(1) Authorize the recovery of recorded WNR Expansion Project expenses in SCE’s distribution sub-account of the BRRBA;

(2) Authorize SCE to include in distribution rates an estimated annual WNR Expansion Project revenue requirement commencing January 1, 2018 through January 1, 2020; and

(3) Audit WNR Expansion Project recorded costs in SCE's annual ERRA Review applications to ensure that all recorded costs are associated with activities as defined and adopted by the Commission in this proceeding.

SDG&E respectfully requests that the Commission adopt the following ratemaking for the WNR Expansion Project:

(1) Expeditiously review and grant SDG&E's Motion to Amend its Marine Mitigation Memorandum Account (MMMA) and Record Wheeler North Reef Expansion Project Marine Mitigation Costs Starting January 1, 2017, filed concurrently with this Joint Application to modify the MMMA to create a sub-account for the WNR Expansion Project costs to record costs incurred on or after January 1, 2017;

(2) Authorize SDG&E to recover costs it incurs on or after January 1, 2017 for the WNR Expansion Project;<sup>27</sup> and

(3) Authorize SDG&E to include in generation rates its WNR Expansion Project revenue requirement effective 2018 or as applicable depending on the timing of the Commission decision.

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<sup>27</sup> These costs would include SDG&E's 20% share of the WNR Expansion Project costs, as well as any contractual overheads and other costs billed to SDG&E by SCE.

Respectfully submitted,

WALKER A. MATTHEWS III

EMMA D. SALUSTRO

/s/ Walker A. Matthews III

By: Walker A. Matthews III

By: /s/ Emma D. Salustro

Emma D. Salustro

Attorney for  
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Attorney for:  
SAN DIEGO GAS & ELECTRIC  
COMPANY  
8330 Century Park Court, CP32D  
San Diego, CA 92123  
Telephone: (858) 654-1861  
E-mail: esalustro@semprautilities.com

Dated: December 1, 2016

**VERIFICATION**

I am an officer of the applicant corporation herein, and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

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

Executed this 1st day of December, 2016, at Rosemead, California.

*/s/ Caroline Choi* \_\_\_\_\_

Caroline Choi

Senior Vice President Regulatory Affairs

SOUTHERN CALIFORNIA EDISON COMPANY

**VERIFICATION**

I am an officer of the applicant corporation herein, and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

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

Executed this 1st day of December, 2016, at San Diego, California.

/s/ Diana L. Day

Diana L. Day

Vice President, Enterprise Risk Management & Compliance  
SAN DIEGO GAS & ELECTRIC COMPANY

**Appendix A-1**  
**Financial Statements,**  
**Including Income Statement and Balance Sheet**

SOUTHERN CALIFORNIA EDISON COMPANY  
"FINANCIAL STATEMENT" AS DEFINED BY RULE 2.3, OF THE  
RULES OF PROCEDURE GOVERNING FORMAL PROCEEDINGS BEFORE THE  
PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

September 30, 2016

**(a) Amount and kinds of stock authorized by articles of incorporation and amount outstanding.**

	Number of Shares	Par Value Per Share
Amount and kinds of stock authorized:		
\$25 Cumulative preferred	24,000,000	\$25
\$100 Cumulative preferred	12,000,000	\$100
Preference	50,000,000	None
Common	560,000,000	None
	Number of Shares	Amount Outstanding (in millions)
Amounts and kinds of stock issued and outstanding:		
\$25 Cumulative preferred:		
4.08% Series	650,000	\$ 16
4.24% Series	1,200,000	30
4.32% Series	1,653,429	41
4.78% Series	1,296,769	33
\$1,000 liquidation value, cumulative preference:		
Series E	350,000	350
\$2,500 liquidation value, cumulative preference:		
Series F*	190,004	475
\$2,500 liquidation value, cumulative preference:		
Series G*	160,004	400
\$2,500 liquidation value, cumulative preference:		
Series H*	110,004	275
\$2,500 liquidation value, cumulative preference:		
Series J*	130,004	325
\$2,500 liquidation value, cumulative preference:		
Series K*	120,004	300
Common Stock, no par value	434,888,104	2,168
Total		\$ 4,413

\* Issued to an SCE Trust in guarantee of an issue of Trust Preference Securities.



SOUTHERN CALIFORNIA EDISON COMPANY

**(b) Terms of preference and preferred stock, whether cumulative or participating, or on dividends or assets, or otherwise.**

Each share of Common Stock is entitled to one vote. Each share of Cumulative Preferred Stock, 4.08% Series, 4.24% Series, 4.32% Series and 4.78% Series, is entitled to six votes. Shares of Preference Stock are not entitled to vote. For terms of preference, etc., see Applicant's Restated Articles of Incorporation dated March 2, 2006 ("Articles"), filed March 14, 2006, with Application 06-03-020. The terms of the Cumulative Preferred Stock are set forth in the Articles. Terms of additional series of Preference Stock are set forth in Certificates of Determination of Preferences as follows: Series E Preference Stock and Increase in Authorized shares of Series E Preference Stock, filed March 5, 2012, with Application 12-03-004; Series F Preference Stock, filed June 29, 2012, with Application 12-06-017; Series G Preference Stock, filed January 31, 2013, with Application 13-01-016; Series H Preference Stock, filed March 24, 2014, with Application 14-03-013; Series J Preference Stock, filed October 2, 2015, with Application 12-06-017; and Series K Preference Stock, filed April 1, 2016, with Application 16-04-001. All shares of Series B Preference Stock, Series C Preference Stock, and Series D Preference Stock have been redeemed and are no longer outstanding.

SOUTHERN CALIFORNIA EDISON COMPANY

(c) Brief description of each security agreement, mortgage and deed of trust upon applicant's property, showing date of execution, debtor and secured party, mortgagor and mortgagee, and trustor and beneficiary, amount of indebtedness authorized to be secured thereby, and amount of indebtedness actually secured, together with any sinking fund provisions.

Trustor, Southern California Edison Company; Trustee, The Bank of New York Mellon Trust Company, N.A., successor in 2008 to The Bank of New York Trust Company, N.A., successor in 2005 to The Bank of New York, successor in 2000 to Harris Trust and Savings Bank, and Trustee, D.G. Donovan, successor in 1993 to R. G. Mason, successor in 1983 to Wells Fargo Bank, National Association, successor in 1970 to Security Pacific National Bank, successor by consolidation and merger in 1935 to Pacific-Southwest Trust and Savings Bank; bonds authorized and outstanding are as follows:

Series	Date of Issue	Due Date	Interest Rate	Principal Balance (in millions)
<b>Tax-Exempt Indebtedness<sup>1</sup>:</b>				
Palo Verde Pollution Control Bonds:				
Maricopa County, AZ 2000 Series A and B <sup>2</sup>	7/19/2000	6/1/2035	5.00%	\$ 144.400
Four Corners Pollution Control Bonds:				
City of Farmington, NM 2005 Series A and B <sup>2</sup>	3/23/2005	4/1/2029	1.875%	\$ 203.460
City of Farmington, NM 2011 Series <sup>2</sup>	5/19/2011	4/1/2029	1.875%	\$ 55.540
Mohave Pollution Control Bonds:				
Clark County, NV 2010 Series <sup>2</sup>	12/16/2010	6/1/2031	1.875%	\$ 75.000
SONGS Pollution Control:				
CPCFA 2011 Series <sup>2,3</sup>	9/1/2011	9/1/2031	Variable	\$ 30.000
CSCDA 2010 Series A <sup>2</sup>	9/21/2010	9/1/2029	4.50%	\$ 100.000
CSCDA 2006 Series A <sup>2</sup>	4/12/2006	4/1/2028	1.375%	\$ 157.500
CSCDA 2006 Series B <sup>2</sup>	4/12/2006	4/1/2028	1.90%	\$ 38.500
CSCDA 2006 Series C-D <sup>4</sup>	4/12/2006	11/1/2033	4.25%	\$ 135.000
<b>Taxable Indebtedness<sup>1</sup>:</b>				
Series 2004B	1/14/2004	1/15/2034	6.00%	525
Series 2004G	3/26/2004	4/1/2035	5.75%	350
Series 2005B	1/19/2005	1/15/2036	5.55%	250
Series 2005E	6/27/2005	7/15/2035	5.35%	350
Series 2006A	1/31/2006	2/1/2036	5.625%	350
Series 2006E	12/11/2006	1/15/2037	5.55%	400
Series 2008A	1/22/2008	2/1/2038	5.95%	600
Series 2008B	8/18/2008	8/15/2018	5.50%	400
Series 2009A	3/20/2009	3/15/2039	6.05%	500
Series 2010A	3/11/2010	3/15/2040	5.50%	500
Series 2010B	8/30/2010	9/1/2040	4.50%	500
Series 2011A	5/17/2011	6/1/2021	3.875%	500
Series 2011E	11/22/2011	12/1/2041	3.90%	250
Series 2012A	3/13/2012	3/15/2042	4.05%	400
Series 2013A	3/7/2013	3/15/2043	3.90%	400
Series 2013C	10/2/2013	10/1/2023	3.50%	600
Series 2013D	10/2/2013	10/1/2043	4.65%	800
Series 2014B	5/9/2014	5/1/2017	1.125%	400
Series 2014C	11/7/2014	11/1/2017	1.25%	100
Series 2015A	1/16/2015	2/1/2022	1.845%	432
Series 2015B	1/16/2015	2/1/2022	2.40%	325
Series 2015C	1/16/2015	2/1/2045	3.60%	425
				10,296

<sup>1</sup> None of SCE's debt obligations have sinking fund provisions.

<sup>2</sup> Secured by first and refunding mortgage bonds.

<sup>3</sup> Held by SCE.

<sup>4</sup> Secured by SCE's first and refunding mortgage bonds, but payment of interest and principal guaranteed by bond insurance.

SOUTHERN CALIFORNIA EDISON COMPANY

**(d) Amounts of bonds authorized and issued, giving name of the public utility which issued same, describing each class separately, and giving date of issue, par value, rate of interest, date of maturity and how secured, together with amount of interest paid thereon during the last fiscal year.**

For the 12 months ended December 31, 2015, interest in the amount of \$453 million was paid on all bonds issued and outstanding. For other data required by this subparagraph (d), see response to subparagraph (c).

**(e) Each note outstanding, giving date of issue, amount, date of maturity, rate of interest, in whose favor, together with amount of interest paid thereon during the last fiscal year.**

For the 12 months ended December 31, 2015, interest in the amount of \$20 million was paid on all notes issued and outstanding. For other data required by this subparagraph (e), see response to subparagraph (f).

SOUTHERN CALIFORNIA EDISON COMPANY

(f) Other indebtedness, giving same by classes and describing security, if any, with a brief statement of the devolution or assumption of any portion of such indebtedness upon or by any person or corporation if the original liability has been transferred, together with amount of interest paid thereon during the last fiscal year.

(1) Other Long-Term Debt	Date of Issue	Due Date	Interest Rate	Principal Balance (in millions)
Taxable Indebtedness (unsecured):				
1999 6.65% Notes	4/6/1999	4/1/2029	6.65%	\$ 300
5.06% Fort Irwin Acquisition Debt	8/1/2003	8/1/2053	5.06%	7
				307

SOUTHERN CALIFORNIA EDISON COMPANY

■ (2) Current Liabilities:	(in millions)		
Short-term debt	\$	239	
Current portion of long-term debt		479	
Accounts payable		1,172	
Accrued taxes		156	
Customer deposits		264	
Derivative liabilities		223	
Regulatory liabilities		1,030	
Other current liabilities		<u>675</u>	<u>\$ 4,238</u>
■ (3) Deferred Credits:			
Deferred income taxes and credits		9,765	
Derivative liabilities		1,069	
Pensions and benefits		1,293	
Asset retirement obligations		2,590	
Regulatory liabilities		6,020	
Other deferred credits and other long-term liabilities		<u>1,848</u>	<u>22,585</u>
Total			<u>\$ 26,823</u>

No security was given to cover above debts in items (2) and (3).  
Interest, if any, will be paid when paying principal.

SOUTHERN CALIFORNIA EDISON COMPANY

(g) Rate and amount of dividends paid during the five previous fiscal years, and the amount of capital stock on which dividends were paid each year.

**Year Ending December 31, 2011**

<b>Class of Stock</b>	<b>Number of Shares Outstanding*</b>	<b>Dividends Paid</b>	<b>Dividend Rate Per Annum</b>
Cum. Pfd. 4.08%	650,000	\$663,000.49	4.08%
Cum. Pfd. 4.24%	1,200,000	\$1,272,000.54	4.24%
Cum. Pfd. 4.32%	1,653,429	\$1,785,703.32	4.32%
Cum. Pfd. 4.78%	1,296,769	\$1,549,641.93	4.78%
Preference Stock. Series A	4,000,000	\$23,100,000.00	Variable Rate
Preference Stock. Series B	2,000,000	\$12,250,000.00	6.125%
Preference Stock. Series C	2,000,000	\$12,000,000.00	6.000%
Preference Stock. Series D	1,250,000	\$5,890,625.00	6.500%

**Year Ending December 31, 2012**

<b>Class of Stock</b>	<b>Number of Shares Outstanding*</b>	<b>Dividends Paid</b>	<b>Dividend Rate Per Annum</b>
Cum. Pfd. 4.08%	650,000	\$663,000.00	4.08%
Cum. Pfd. 4.24%	1,200,000	\$1,272,000.00	4.24%
Cum. Pfd. 4.32%	1,653,429	\$1,785,704.00	4.32%
Cum. Pfd. 4.78%	1,296,769	\$1,549,640.00	4.78%
Preference Stock. Series A	3,250,000	\$16,895,150.00	Variable Rate
Preference Stock. Series B	2,000,000	\$12,250,000.00	6.125%
Preference Stock. Series C	2,000,000	\$12,000,000.00	6.000%
Preference Stock. Series D	1,250,000	\$8,125,000.00	6.500%
\$1,000 Preference Stock. Series E	350,000	\$11,788,194.00	6.250%
\$2,500 Preference Stock. Series F	190,004	\$15,512,045.00	5.625%

\* Denotes maximum number of shares that were outstanding during the year.

SOUTHERN CALIFORNIA EDISON COMPANY

**Year Ending December 31, 2013**

<b>Class of Stock</b>	<b>Number of Shares Outstanding*</b>	<b>Dividends Paid</b>	<b>Dividend Rate Per Annum</b>
Cum. Pfd. 4.08%	650,000	\$663,000.44	4.08%
Cum. Pfd. 4.24%	1,200,000	\$1,272,000.51	4.24%
Cum. Pfd. 4.32%	1,653,429	\$1,785,703.32	4.32%
Cum. Pfd. 4.78%	1,296,769	\$1,549,641.60	4.78%
Preference Stock. Series A	3,250,000	\$14,933,750.00	Variable Rate
Preference Stock. Series B**	2,000,000	\$2,007,600.00	6.130%
Preference Stock. Series C**	2,000,000	\$3,933,400.00	6.000%
Preference Stock. Series D	1,250,000	\$8,125,000.00	6.500%
\$1,000 Preference Stock. Series E	350,000	\$21,875,000.00	6.250%
\$2,500 Preference Stock. Series F	190,004	\$26,719,312.52	5.630%
\$2,500 Preference Stock. Series G	160,004	\$17,907,114.39	5.100%

**Year Ending December 31, 2014**

<b>Class of Stock</b>	<b>Number of Shares Outstanding*</b>	<b>Dividends Paid</b>	<b>Dividend Rate Per Annum</b>
Cum. Pfd. 4.08%	650,000	\$663,000.44	4.08%
Cum. Pfd. 4.24%	1,200,000	\$1,272,000.46	4.24%
Cum. Pfd. 4.32%	1,653,429	\$1,785,703.32	4.32%
Cum. Pfd. 4.78%	1,296,769	\$1,549,641.46	4.78%
Preference Stock. Series A	3,250,000	\$16,030,625.00	Variable Rate
Preference Stock. Series D	1,250,000	\$8,125,000.00	6.500%
\$1,000 Preference Stock. Series E	350,000	\$21,875,000.00	6.250%
\$2,500 Preference Stock. Series F	190,004	\$26,719,312.52	5.630%
\$2,500 Preference Stock. Series G	160,004	\$20,400,510.00	5.100%
\$2,500 Preference Stock. Series H	110,004	\$12,255,133.13	5.750%

**Year Ending December 31, 2015**

<b>Class of Stock</b>	<b>Number of Shares</b>	<b>Dividends Paid</b>	<b>Dividend Rate</b>
Cum. Pfd. 4.08%	650,000	\$663,000.00	4.08%
Cum. Pfd. 4.24%	1,200,000	\$1,272,000.00	4.24%
Cum. Pfd. 4.32%	1,653,429	\$1,785,703.00	4.32%
Cum. Pfd. 4.78%	1,296,769	\$1,549,639.00	4.78%
Preference Stock. Series A	-	\$11,935,086.00	Variable Rate
Preference Stock. Series D	-	\$8,125,000.00	6.500%
\$1,000 Preference Stock. Series E	350,000	\$21,875,000.00	6.250%
\$2,500 Preference Stock. Series F	190,004	\$26,719,313.00	5.625%
\$2,500 Preference Stock. Series G	160,004	\$20,400,510.00	5.100%
\$2,500 Preference Stock. Series H	110,004	\$15,813,075.00	5.750%
\$2,500 Preference Stock. Series J	130,004	\$5,386,364.00	5.375%

\* Denotes maximum number of shares that were outstanding during the year.

\*\* Preference Stock Series B & C were redeemed by SCE on 02/28/2013.

SOUTHERN CALIFORNIA EDISON COMPANY

**(h) A balance sheet as of the latest available date, together with an income statement covering the period from close of last year for which an annual report has been filed with the Commission to the date of the balance sheet attached to the application.**

STATEMENT OF INCOME  
NINE MONTHS ENDED SEPTEMBER 30, 2016

(In millions)

OPERATING REVENUE	<u>\$ 8,956</u>
OPERATING EXPENSES:	
Purchase power and fuel	3,576
Other operation and maintenance	1,993
Depreciation, decommissioning and amortization	1,497
Property and other taxes	268
Total operating expenses	<u>7,334</u>
OPERATING INCOME	1,622
Interest and other income	97
Interest expense	(402)
Other expenses	(26)
INCOME BEFORE INCOME TAX	<u>1,291</u>
INCOME TAX	162
NET INCOME	<u>1,129</u>
Less: Preferred and preference stock dividend requirements	<u>92</u>
NET INCOME AVAILABLE FOR COMMON STOCK	<u><u>\$ 1,037</u></u>



SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET  
SEPTEMBER 30, 2016  
ASSETS  
(in millions)

UTILITY PLANT:

Utility plant, at original cost	\$ 41,954
Less- accumulated provision for depreciation and decommissioning	8,753
	<u>33,201</u>
Construction work in progress	2,738
Nuclear fuel, at amortized cost	125
	<u>36,064</u>

OTHER PROPERTY AND INVESTMENTS:

Nonutility property - less accumulated depreciation of \$78	76
Nuclear decommissioning trusts	4,376
Other investments	41
	<u>4,493</u>

CURRENT ASSETS:

Cash and equivalents	39
Receivables, less allowances of \$56 for uncollectible accounts	980
Accrued unbilled revenue	569
Inventory	251
Prepaid taxes	0
Derivative assets	60
Regulatory assets	321
Other current assets	223
	<u>2,443</u>

DEFERRED CHARGES:

Regulatory assets	7,844
Derivative assets	67
Other long-term assets	231
	<u>8,142</u>
	<u>\$ 51,142</u>

SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET  
SEPTEMBER 30, 2016  
CAPITALIZATION AND LIABILITIES  
(in millions)

CAPITALIZATION:

Common stock	\$	2,168
Additional paid-in capital		658
Accumulated other comprehensive loss		(19)
Retained earnings		9,280
Common shareholder's equity		<u>12,087</u>
Preferred and preference stock		2,245
Long-term debt		9,987
Total capitalization		<u>24,319</u>

CURRENT LIABILITIES:

Short-term debt		239
Current portion of long-term debt		479
Accounts payable		1,172
Accrued taxes		156
Accrued interest		0
Customer deposits		264
Derivative liabilities		223
Regulatory liabilities		1,030
Other current liabilities		675
		<u>4,238</u>

DEFERRED CREDITS:

Deferred income taxes and credits		9,765
Deferred investment tax credits		0
Customer advances		0
Derivative liabilities		1,069
Pensions and benefits		1,293
Asset retirement obligations		2,590
Regulatory liabilities		6,020
Other deferred credits and other long-term liabilities		1,848
		<u>22,585</u>

NONCONTROLLING INTERESTS

		0
	\$	<u>51,142</u>

SOUTHERN CALIFORNIA EDISON COMPANY

DETAIL OF UTILITY PLANT AND ACCUMULATED PROVISION  
FOR DEPRECIATION BY CLASS  
September 30, 2016

UTILITY PLANT  
(in millions)

<u>CLASS</u>	
Production	\$ 3,294
Transmission	12,338
Distribution	21,877
General	2,826
Intangible	1,585
Other utility plant	34
Total utility plant, at original cost less contributions	<u>\$ 41,954</u>

ACCUMULATED PROVISION FOR DEPRECIATION  
(in millions)

<u>CLASS</u>	
Production	\$ 1,031
Transmission	1,785
Distribution	4,785
General	1,056
Intangibles	781
Other utility plant	24
Retirement work in progress	(709)
Total accumulated provision for depreciation	<u>\$ 8,753</u>

**Appendix A-2**

**List of Cities and Counties**

## Incorporated Cities and Counties Served by SCE

### COUNTIES

Fresno	Kern	Madera	Riverside	Tuolumne
Imperial	Kings	Mono	San Bernardino	Tulare
Inyo	Los Angeles	Orange	Santa Barbara	Ventura

### CITIES

Adelanto	Commerce	Hesperia	Los Alamitos	Port Hueneme	Simi Valley
Agoura Hills	Compton	Hidden Hills	Lynwood	Porterville	South El Monte
Alhambra	Corona	Highland	Malibu	Rancho Cucamonga	South Gate
Aliso Viejo	Costa Mesa	Huntington Beach	Mammoth Lakes	Rancho Mirage	South Pasadena
Apple Valley	Covina	Huntington Park	Manhattan Beach	Rancho Palos Verdes	Stanton
Arcadia	Cudahy	Indian Wells	Maywood	Rancho Santa Margarita	Tehachapi
Artesia	Culver City	Industry	McFarland	Redlands	Temecula
Avalon	Cypress	Inglewood	Menifee	Redondo Beach	Temple City
Baldwin Park	Delano	Irvine	Mission Viejo	Rialto	Thousand Oaks
Barstow	Desert Hot Springs	Irwindale	Monrovia	Ridgecrest	Torrance
Beaumont	Diamond Bar	Jurupa Valley	Montclair	Rolling Hills	Tulare
Bell	Downey	La Canada Flintridge	Montebello	Rolling Hills Estates	Tustin
Bell Gardens	Duarte	La Habra	Monterey Park	Rosemead	Twentynine Palms
Bellflower	Eastvale	La Habra Heights	Moorpark	San Bernardino	Upland
Beverly Hills	El Monte	La Mirada	Moreno Valley	San Gabriel	Valencia
Big Bear Lake	El Segundo	La Palma	Murrieta	San Jacinto	Victorville
Bishop	Exeter	La Puente	Newport Beach	San Marino	Villa Park
Blythe	Farmersville	La Verne	Norco	Santa Ana	Visalia
Bradbury	Fillmore	Laguna Beach	Norwalk	Santa Barbara	Walnut
Brea	Fontana	Laguna Hills	Ojai	Santa Clara	West Covina
Buena Park	Fountain Valley	Laguna Niguel	Ontario	Santa Fe Springs	West Hollywood
Calabasas	Fullerton	Laguna Woods	Orange	Sierra Madre	Westlake Village
California City	Garden Grove	Lake Elsinore	Oxnard	Signal Hill	Westminster
Calimesa	Gardena	Lake Forest	Palm Desert		Whittier
Camarillo	Glendora	Lakewood	Palm Springs		Wildomar
Canyon Lake	Goleta	Lancaster	Palmdale		Woodlake (Three Rivers)
Carpinteria	Grand Terrace	Lawndale	Palos Verdes		Yorba Linda
Carson	Hanford	Lindsay	Paramount		Yucaipa
Cathedral City	Hawaiian Gardens	Loma Linda	Perris		Yuca Valley
Cerritos	Hawthorne	Lomita	Pico Rivera		
Chino	Hemet	Long Beach	Placentia		
Chino Hills	Hermosa Beach		Pomona		
Claremont					

Last Updated: 5/12/2014

Updated by Sylvia S. Hernandez

**Appendix B-1**

**SDG&E's Financial Statement, Balance Sheet, And Income Statement**

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**FINANCIAL STATEMENT**  
 June 30, 2016

<b>(a) Amounts and Kinds of Stock Authorized:</b>			
Common Stock	255,000,000	shares	Without Par Value
<b>Amounts and Kinds of Stock Outstanding:</b>			
Common Stock	116,583,358	shares	291,458,395

**(b) Brief Description of Mortgage:**  
 Full information as to this item is given in Application Nos. 93-09-069,04-01-009, 06-05-015, 08-07-029, 10-10-023, 12-03-005, and 15-08-011 to which references are hereby made.

<b>(c) Number and Amount of Bonds Authorized and Issued:</b>	Nominal Date of Issue	Par Value Authorized and Issued	Outstanding	Interest Paid in 2015
<b>First Mortgage Bonds:</b>				
Var% Series OO, due 2027	12-01-92	0	0	7,002,188
5.875% Series WW, due 2034	06-17-04	40,000,000	40,000,000	2,350,000
5.875% Series XX, due 2034	06-17-04	35,000,000	35,000,000	2,056,250
5.875% Series YY, due 2034	06-17-04	24,000,000	24,000,000	1,410,000
5.875% Series ZZ, due 2034	06-17-04	33,650,000	33,650,000	1,976,938
4.00% Series AAA, due 2039	06-17-04	75,000,000	75,000,000	3,000,000
5.35% Series BBB, due 2035	05-19-05	250,000,000	250,000,000	13,375,000
6.00% Series DDD, due 2026	06-08-06	250,000,000	250,000,000	15,000,000
1.65% Series EEE, due 2018	09-21-06	161,240,000	161,240,000	2,650,187
6.125% Series FFF, due 2037	09-20-07	250,000,000	250,000,000	15,312,500
6.00% Series GGG, due 2039	05-14-09	300,000,000	300,000,000	18,000,000
5.35% Series HHH, due 2040	05-13-10	250,000,000	250,000,000	13,375,000
4.50% Series III, due 2040	08-26-10	500,000,000	500,000,000	22,500,000
3.00% Series JJJ, due 2021	08-18-11	350,000,000	350,000,000	10,500,000
3.95% Series LLL, due 2041	11-17-11	250,000,000	250,000,000	9,875,000
4.30% Series MMM, due 2042	03-22-12	250,000,000	250,000,000	10,750,000
3.60% Series NNN, due 2023	09-09-13	450,000,000	450,000,000	16,200,000
.4677% Series OOO, due 2017	03-12-15	140,000,000	140,000,000	522,662
1.9140% Series PPP, due 2022	03-12-15	74,126,115	74,126,115	1,847,542
2.50% Series QQQ, due 2026	05-19-16	500,000,000	500,000,000	-
<b>Total 1st. Mortgage Bonds:</b>			<b>4,226,631,115</b>	<b>170,265,647</b>
<b>Total Bonds:</b>				<b>170,265,647</b>

1.050% Commercial Paper	11-19-15	53,650,000	53,650,000	18,777
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**SAN DIEGO GAS & ELECTRIC COMPANY**  
**FINANCIAL STATEMENT**  
 June 30, 2016

<b>Other Indebtedness:</b>	<b>Date of Issue</b>	<b>Date of Maturity</b>	<b>Interest Rate</b>	<b>Outstanding</b>	<b>Interest Paid 2016</b>
Commercial Paper & ST Bank	Various	Various	Various	-	\$208,338

Amounts and Rates of Dividends Declared:  
 The amounts and rates of dividends during the past five fiscal years are as follows:

<b>Preferred Stock</b>	<b>Shares Outstanding 12-31-14</b>	<b>2012</b>					<b>2013</b>					<b>2014</b>					<b>2015</b>					<b>2016</b>								
		<b>PQ</b>																												
5.00%	-					\$375,000	\$281,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.50%	-					270,000	202,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.40%	-					286,000	214,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.60%	-					343,868	257,901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.70%	-					2,380,000	1,785,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.82%	-					1,164,800	873,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>-</b>					<b>\$4,819,668</b>	<b>\$3,614,751</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Common Stock</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Dividend to Parent	[1]	-	\$200,000,000	300,000,000	175,000,000

**NOTE 11 PREFERRED STOCK 10K:**

On October 15, 2013, SDG&E redeemed all six series of its outstanding shares of contingently redeemable preferred stock for \$82 million, including a \$3 million early call premium (pg 9.1). A balance sheet and a statement of income and retained earnings of applicant for the six months ended Jun 30, 2016 are attached hereto.

[1] San Diego Gas & Electric Company dividend to parent.



**SAN DIEGO GAS & ELECTRIC COMPANY**  
**BALANCE SHEET**  
**ASSETS AND OTHER DEBITS**  
**June 30, 2016**

	<b>1. UTILITY PLANT</b>	<u>2016</u>
101	UTILITY PLANT IN SERVICE	\$14,934,814,707
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	924,380,654
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(4,736,144,789)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(589,931,436)
114	ELEC PLANT ACQUISITION ADJ	3,750,722
115	ACCUM PROVISION FOR AMORT OF ELECTRIC PLANT ACQUIS ADJ	(1,125,216)
118	OTHER UTILITY PLANT	1,062,098,416
119	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF OTHER UTILITY PLANT	(255,490,656)
120	NUCLEAR FUEL - NET	-
	<b>TOTAL NET UTILITY PLANT</b>	<u>11,438,854,129</u>
	<b>2. OTHER PROPERTY AND INVESTMENTS</b>	
121	NONUTILITY PROPERTY	5,946,616
122	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION	(364,300)
158	NON-CURRENT PORTION OF ALLOWANCES	171,891,725
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
124	OTHER INVESTMENTS	-
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	1,102,600,309
175	LONG-TERM PORTION OF DERIVATIVE ASSETS	54,152,071
	<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>1,334,226,421</u>

Data from SPL as of June 30, 2016

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**BALANCE SHEET**  
**ASSETS AND OTHER DEBITS**  
**June 30, 2016**

<b>3. CURRENT AND ACCRUED ASSETS</b>		2016
131	CASH	1,549,992
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	500
136	TEMPORARY CASH INVESTMENTS	-
141	NOTES RECEIVABLE	-
142	CUSTOMER ACCOUNTS RECEIVABLE	256,576,094
143	OTHER ACCOUNTS RECEIVABLE	14,083,717
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(3,572,898)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	171,818,679
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	569,570
151	FUEL STOCK	782,257
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	105,815,642
156	OTHER MATERIALS AND SUPPLIES	-
158	ALLOWANCES	189,514,519
158	LESS: NON-CURRENT PORTION OF ALLOWANCES	(171,891,725)
163	STORES EXPENSE UNDISTRIBUTED	-
164	GAS STORED	251,158
165	PREPAYMENTS	60,541,010
171	INTEREST AND DIVIDENDS RECEIVABLE	741,881
173	ACCRUED UTILITY REVENUES	57,060,000
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	2,294,000
175	DERIVATIVE INSTRUMENT ASSETS	93,049,921
175	LESS: LONG -TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS	(54,152,071)
	TOTAL CURRENT AND ACCRUED ASSETS	725,032,246
<b>4. DEFERRED DEBITS</b>		
181	UNAMORTIZED DEBT EXPENSE	33,950,151
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	3,178,199,149
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	161,880
184	CLEARING ACCOUNTS	1,634,702
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	35,389,985
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	-
190	ACCUMULATED DEFERRED INCOME TAXES	283,598,037
	TOTAL DEFERRED DEBITS	3,532,933,904
	TOTAL ASSETS AND OTHER DEBITS	17,031,046,700

Data from SPL as of June 30, 2016

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**BALANCE SHEET**  
**LIABILITIES AND OTHER CREDITS**  
**June 30, 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	(479,665,368)
214	CAPITAL STOCK EXPENSE	24,605,640
216	UNAPPROPRIATED RETAINED EARNINGS	(3,946,739,856)
219	ACCUMULATED OTHER COMPREHENSIVE INCOME	7,626,999
	TOTAL PROPRIETARY CAPITAL	(5,276,913,958)

**6. LONG-TERM DEBT**

221	BONDS	(4,366,791,000)
223	ADVANCES FROM ASSOCIATED COMPANIES	-
224	OTHER LONG-TERM DEBT	(53,652,271)
225	UNAMORTIZED PREMIUM ON LONG-TERM DEBT	-
226	UNAMORTIZED DISCOUNT ON LONG-TERM DEBT	11,028,872
	TOTAL LONG-TERM DEBT	(4,409,414,399)

**7. OTHER NONCURRENT LIABILITIES**

227	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	(610,105,389)
228.2	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	(24,900,997)
228.3	ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	(226,954,298)
228.4	ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	-
244	LONG TERM PORTION OF DERIVATIVE LIABILITIES	(75,714,263)
230	ASSET RETIREMENT OBLIGATIONS	(826,646,817)
	TOTAL OTHER NONCURRENT LIABILITIES	(1,764,321,764)

Data from SPL as of June 30, 2016

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**BALANCE SHEET**  
**LIABILITIES AND OTHER CREDITS**  
**June 30, 2016**

<b>8. CURRENT AND ACCRUED LIABILITES</b>		2016
231	NOTES PAYABLE	0
232	ACCOUNTS PAYABLE	(409,468,188)
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	(24,152,092)
235	CUSTOMER DEPOSITS	(72,170,498)
236	TAXES ACCRUED	(1,122,990)
237	INTEREST ACCRUED	(44,719,146)
238	DIVIDENDS DECLARED	(175,000,000)
241	TAX COLLECTIONS PAYABLE	(4,388,051)
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(134,194,152)
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	(41,757,488)
244	DERIVATIVE INSTRUMENT LIABILITIES	(98,580,066)
244	LESS: LONG-TERM PORTION OF DERIVATIVE LIABILITIES	75,714,263
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	-
TOTAL CURRENT AND ACCRUED LIABILITIES		(929,838,408)
<b>9. DEFERRED CREDITS</b>		
252	CUSTOMER ADVANCES FOR CONSTRUCTION	(59,637,830)
253	OTHER DEFERRED CREDITS	(362,694,713)
254	OTHER REGULATORY LIABILITIES	(1,440,812,968)
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(20,028,534)
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	-
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	(2,111,844,130)
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	(669,081,719)
TOTAL DEFERRED CREDITS		(4,664,099,894)
TOTAL LIABILITIES AND OTHER CREDITS		(\$17,044,588,423)

Data from SPL as of June 30, 2016

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**STATEMENT OF INCOME AND RETAINED EARNINGS**  
Six Months Ended June 30, 2016

**1. UTILITY OPERATING INCOME**

400	OPERATING REVENUES		\$2,129,241,152
401	OPERATING EXPENSES	\$1,278,727,322	
402	MAINTENANCE EXPENSES	76,579,343	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	299,325,492	
408.1	TAXES OTHER THAN INCOME TAXES	65,596,336	
409.1	INCOME TAXES	94,661,192	
410.1	PROVISION FOR DEFERRED INCOME TAXES	95,664,039	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(73,214,416)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	1,299,603	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	-	
	TOTAL OPERATING REVENUE DEDUCTIONS		<u>1,838,638,911</u>
	NET OPERATING INCOME		290,602,241

**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	-	
418	NONOPERATING RENTAL INCOME	17,118	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	3,806,449	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	23,645,381	
421	MISCELLANEOUS NONOPERATING INCOME	2,351,371	
421.1	GAIN ON DISPOSITION OF PROPERTY	-	
	TOTAL OTHER INCOME	<u>29,830,550</u>	
421.2	LOSS ON DISPOSITION OF PROPERTY	-	
425	MISCELLANEOUS AMORTIZATION	125,024	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	<u>2,445,530</u>	
	TOTAL OTHER INCOME DEDUCTIONS	<u>2,570,554</u>	
408.2	TAXES OTHER THAN INCOME TAXES	317,628	
409.2	INCOME TAXES	(428,200)	
410.2	PROVISION FOR DEFERRED INCOME TAXES	3,221,618	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	<u>(880,153)</u>	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	<u>2,230,893</u>	
	TOTAL OTHER INCOME AND DEDUCTIONS		<u>25,029,103</u>
	INCOME BEFORE INTEREST CHARGES		315,631,344
	EXTRAORDINARY ITEMS AFTER TAXES		0
	NET INTEREST CHARGES*		<u>86,754,266</u>
	NET INCOME		<u><u>\$228,877,078</u></u>

\*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (\$7,722,192)

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**STATEMENT OF INCOME AND RETAINED EARNINGS**  
**Six Months Ended June 30, 2016**

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**3. RETAINED EARNINGS**

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$3,892,862,778
NET INCOME (FROM PRECEDING PAGE)	228,877,078
DIVIDEND TO PARENT COMPANY	(175,000,000)
DIVIDENDS DECLARED - PREFERRED STOCK	0
OTHER RETAINED EARNINGS ADJUSTMENTS	0
RETAINED EARNINGS AT END OF PERIOD	<u><u>\$3,946,739,856</u></u>

**Appendix B-2**

**Current Table Of Contents From SDG&E's Electric Tariffs**



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Sheet 1

The following sheets contain all the effective rates and rules affecting rates, service and information relating thereto, in effect on the date indicated herein.

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El Paso Turned-Back Capacity Balancing Account (EPTCBA).....	19425-E
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Advice Ltr. No. 2917-E

Decision No. 16-06-054

Issued by  
**Dan Skopec**  
Vice President  
Regulatory Affairs

Date Filed Jul 8, 2016

Effective Aug 1, 2016

Resolution No. \_\_\_\_\_

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**Appendix B-3**

**SDG&E's Balance Sheet**



**SAN DIEGO GAS & ELECTRIC COMPANY**

**COST OF PROPERTY AND  
DEPRECIATION RESERVE APPLICABLE THERETO  
AS OF JUNE 30, 2016**

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
<b>ELECTRIC DEPARTMENT</b>			
302	Franchises and Consents	222,841.36	202,900.30
303	Misc. Intangible Plant	<u>144,305,572.50</u>	<u>70,817,556.92</u>
	<b>TOTAL INTANGIBLE PLANT</b>	<u>144,528,413.86</u>	<u>71,020,457.22</u>
310.1	Land	14,526,518.29	46,518.29
310.2	Land Rights	0.00	0.00
311	Structures and Improvements	95,277,789.87	41,101,516.30
312	Boiler Plant Equipment	166,576,622.04	69,851,374.81
314	Turbogenerator Units	131,184,022.25	47,185,810.82
315	Accessory Electric Equipment	85,764,308.90	34,111,458.28
316	Miscellaneous Power Plant Equipment	43,955,257.56	10,096,604.00
	Steam Production Decommissioning	<u>0.00</u>	<u>0.00</u>
	<b>TOTAL STEAM PRODUCTION</b>	<u>537,284,518.91</u>	<u>202,393,282.50</u>
320.1	Land	0.00	0.00
320.2	Land Rights	0.00	0.00
321	Structures and Improvements	8,868,527.59	2,658,162.87
322	Boiler Plant Equipment	223,650,959.30	21,662,290.99
323	Turbogenerator Units	26,982,364.66	2,370,893.39
324	Accessory Electric Equipment	10,877,777.76	1,458,232.53
325	Miscellaneous Power Plant Equipment	147,106,992.40	48,807,803.51
101	SONGS PLANT CLOSURE GROSS PLANT-C	<u>(417,486,621.71)</u>	<u>(76,957,383.29)</u>
	<b>TOTAL NUCLEAR PRODUCTION</b>	<u>0.00</u>	<u>0.00</u>
340.1	Land	143,475.87	0.00
340.2	Land Rights	56,032.61	8,065.09
341	Structures and Improvements	22,703,423.92	6,723,864.48
342	Fuel Holders, Producers & Accessories	20,348,101.38	7,046,015.00
343	Prime Movers	87,218,053.23	32,289,858.64
344	Generators	337,819,674.17	127,222,488.82
345	Accessory Electric Equipment	32,506,374.56	11,905,850.85
346	Miscellaneous Power Plant Equipment	<u>26,173,720.53</u>	<u>12,663,561.66</u>
	<b>TOTAL OTHER PRODUCTION</b>	<u>526,968,856.27</u>	<u>197,859,704.54</u>
	<b>TOTAL ELECTRIC PRODUCTION</b>	<u>1,064,253,375.18</u>	<u>400,252,987.04</u>

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
350.1	Land	66,574,153.37	0.00
350.2	Land Rights	155,894,800.98	19,481,983.28
352	Structures and Improvements	461,581,409.32	60,251,145.41
353	Station Equipment	1,357,887,120.09	256,849,065.97
354	Towers and Fixtures	895,382,986.06	151,539,313.96
355	Poles and Fixtures	439,193,362.07	86,999,585.79
356	Overhead Conductors and Devices	552,818,297.46	216,072,046.51
357	Underground Conduit	343,828,310.32	49,281,426.73
358	Underground Conductors and Devices	364,478,518.56	49,069,984.96
359	Roads and Trails	310,904,190.74	25,745,409.09
101	SONGS PLANT CLOSURE GROSS PLANT-C	0.00	0.00
	TOTAL TRANSMISSION	<u>4,948,543,148.97</u>	<u>915,289,961.70</u>
360.1	Land	16,176,227.80	0.00
360.2	Land Rights	84,313,465.87	39,750,971.95
361	Structures and Improvements	4,052,121.69	1,758,580.52
362	Station Equipment	488,295,895.69	155,670,655.29
363	Storage Battery Equipment	37,679,439.05	4,740,795.36
364	Poles, Towers and Fixtures	654,733,080.29	261,136,166.28
365	Overhead Conductors and Devices	588,837,679.02	199,817,827.33
366	Underground Conduit	1,127,451,029.82	450,955,382.67
367	Underground Conductors and Devices	1,444,803,843.38	869,870,624.86
368.1	Line Transformers	582,555,380.03	129,660,713.36
368.2	Protective Devices and Capacitors	27,106,296.66	170,378.06
369.1	Services Overhead	140,966,816.72	120,463,538.74
369.2	Services Underground	337,812,296.28	238,084,410.38
370.1	Meters	192,414,937.04	71,583,627.86
370.2	Meter Installations	55,806,395.90	18,570,246.63
371	Installations on Customers' Premises	8,241,279.41	10,512,233.71
373.1	St. Lighting & Signal Sys.-Transformers	0.00	0.00
373.2	Street Lighting & Signal Systems	28,527,653.87	18,888,994.22
	TOTAL DISTRIBUTION PLANT	<u>5,819,773,838.52</u>	<u>2,591,635,147.22</u>
389.1	Land	7,312,142.54	0.00
389.2	Land Rights	0.00	0.00
390	Structures and Improvements	33,354,508.57	23,845,563.96
392.1	Transportation Equipment - Autos	0.00	49,884.21
392.2	Transportation Equipment - Trailers	58,145.67	12,255.61
393	Stores Equipment	8,545.97	8,257.12
394.1	Portable Tools	24,290,575.57	8,173,470.13
394.2	Shop Equipment	341,135.67	248,658.40
395	Laboratory Equipment	5,152,106.01	350,113.03
396	Power Operated Equipment	60,528.93	117,501.67
397	Communication Equipment	255,549,341.96	97,238,109.60
398	Miscellaneous Equipment	5,390,996.68	827,483.36
	TOTAL GENERAL PLANT	<u>331,518,027.57</u>	<u>130,871,297.09</u>
101	TOTAL ELECTRIC PLANT	<u>12,308,616,804.10</u>	<u>4,109,069,850.27</u>



<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
<b>GAS PLANT</b>			
302	Franchises and Consents	86,104.20	86,104.20
303	Miscellaneous Intangible Plant	0.00	0.00
	TOTAL INTANGIBLE PLANT	<u>86,104.20</u>	<u>86,104.20</u>
360.1	Land	0.00	0.00
361	Structures and Improvements	189,550.63	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	2,052,614.24	1,029,940.23
	TOTAL STORAGE PLANT	<u>2,242,164.87</u>	<u>1,029,940.23</u>
365.1	Land	4,649,143.75	0.00
365.2	Land Rights	2,232,291.80	1,367,875.49
366	Structures and Improvements	12,687,850.91	9,907,173.54
367	Mains	223,310,243.87	72,153,664.35
368	Compressor Station Equipment	84,550,571.47	68,037,397.51
369	Measuring and Regulating Equipment	15,735,029.12	16,540,512.00
371	Other Equipment	117,058.52	1,698.87
	TOTAL TRANSMISSION PLANT	<u>343,282,189.44</u>	<u>168,008,321.76</u>
374.1	Land	102,187.24	0.00
374.2	Land Rights	8,306,257.05	6,805,003.06
375	Structures and Improvements	43,446.91	61,253.10
376	Mains	754,757,917.95	361,378,585.21
378	Measuring & Regulating Station Equipment	18,050,528.76	7,834,862.86
380	Distribution Services	258,131,124.58	295,303,756.00
381	Meters and Regulators	155,651,692.90	51,552,594.92
382	Meter and Regulator Installations	94,409,238.95	37,516,854.55
385	Ind. Measuring & Regulating Station Equipme	1,516,810.70	1,184,373.65
386	Other Property On Customers' Premises	0.00	0.00
387	Other Equipment	5,223,271.51	4,941,450.31
	TOTAL DISTRIBUTION PLANT	<u>1,296,192,476.55</u>	<u>766,578,733.66</u>

<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	8,672,260.10	3,866,350.18
394.2	Shop Equipment	76,864.06	50,553.37
395	Laboratory Equipment	283,093.66	274,695.74
396	Power Operated Equipment	16,162.40	6,424.95
397	Communication Equipment	2,704,122.86	990,259.57
398	Miscellaneous Equipment	473,380.31	56,638.10
	TOTAL GENERAL PLANT	<u>12,300,383.94</u>	<u>5,344,925.59</u>
101	TOTAL GAS PLANT	<u>1,654,103,319.00</u>	<u>941,048,025.44</u>
<b>COMMON PLANT</b>			
303	Miscellaneous Intangible Plant	361,879,838.48	229,900,675.20
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	1,080,961.15	27,776.34
390	Structures and Improvements	346,224,763.84	143,320,519.45
391.1	Office Furniture and Equipment - Other	28,900,321.92	14,092,143.54
391.2	Office Furniture and Equipment - Computer Ec	46,371,728.44	26,916,298.60
392.1	Transportation Equipment - Autos	101,975.09	(338,930.17)
392.2	Transportation Equipment - Trailers	12,195.98	4,695.00
393	Stores Equipment	58,941.18	45,015.72
394.1	Portable Tools	1,232,026.51	340,668.74
394.2	Shop Equipment	191,385.80	119,997.54
394.3	Garage Equipment	1,355,712.28	161,272.49
395	Laboratory Equipment	2,095,455.34	936,349.62
396	Power Operated Equipment	0.00	(192,979.10)
397	Communication Equipment	188,343,617.13	68,413,282.58
398	Miscellaneous Equipment	2,005,345.99	416,830.52
118.1	TOTAL COMMON PLANT	<u>987,023,183.69</u>	<u>484,163,616.07</u>
	TOTAL ELECTRIC PLANT	12,308,616,804.10	4,109,069,850.27
	TOTAL GAS PLANT	1,654,103,319.00	941,048,025.44
	TOTAL COMMON PLANT	<u>987,023,183.69</u>	<u>484,163,616.07</u>
101 & 118.1	TOTAL	<u>14,949,743,306.79</u>	<u>5,534,281,491.78</u>
			5,534,281,491.78
			0.00
101	PLANT IN SERV-SONGS FULLY RECOVERE	<u>0.00</u>	<u>0.00</u>
101	PLANT IN SERV-ELECTRIC NON-RECON		
	Electric	(2,540,241.64)	0.00
	Gas	0.00	0.00
		<u>(2,540,241.64)</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	<u>(1,627,745.96)</u>	<u>(1,627,745.96)</u>
101	Accrual for Retirements		
	Electric	(5,601,294.03)	(5,601,294.03)
	Gas	(77,536.09)	(77,536.09)
		<u>(5,678,830.12)</u>	<u>(5,678,830.12)</u>
102	TOTAL PLANT IN SERV-ACCRUAL FOR RE		
	Electric	0.00	0.00
	Gas	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
	TOTAL PLANT PURCHASED OR SOLD	0.00	0.00
104	Electric	85,194,000.02	12,842,563.59
	Gas	0.00	0.00
		<u>85,194,000.02</u>	<u>12,842,563.59</u>
	TOTAL PLANT LEASED TO OTHERS		
		<u>85,194,000.02</u>	<u>12,842,563.59</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	712,401,756.70	
	Gas	211,978,897.04	
	Common	71,621,825.95	
		<u>996,002,479.69</u>	<u>0.00</u>
	TOTAL CONSTRUCTION WORK IN PROGRESS		
		<u>996,002,479.69</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	1,101,713,097.18
	TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING	0.00	1,101,713,097.18
101.1	ELECTRIC CAPITAL LEASES	852,823,281.00	201,423,368.00
118.1	COMMON CAPITAL LEASE	20,475,601.44	20,012,638.12
		873,298,882.44	221,436,006.12
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	1,379,851.00	(1,097,981,787.69)
	SONGS Plant Closure - FAS 143 contra	0.00	0.00
	FIN 47 ASSETS - Non-Legal Obligation	89,304,473.36	31,313,796.50
143	FAS 143 ASSETS - Legal Obligation	0.00	(1,432,824,541.35)
	TOTAL FAS 143	90,684,324.36	(2,499,492,532.54)
	UTILITY PLANT TOTAL	16,996,383,903.08	4,363,474,050.05

**Appendix B-4**  
**SDG&E's Earnings**

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**SUMMARY OF EARNINGS**  
**Six Months Ended June 30, 2016**  
**(DOLLARS IN MILLIONS)**

<u>Line No.</u>	<u>Item</u>	<u>Amount</u>
1	Operating Revenue	\$2,129
2	Operating Expenses	<u>1,839</u>
3	Net Operating Income	<u><u>\$291</u></u>
4	Weighted Average Rate Base	\$7,737
5	Rate of Return*	7.79%

\*Authorized Cost of Capital

**Appendix B-5**

**SDG&E's List of Cities and Counties**

State of California  
Attorney General's Office  
P.O. Box 944255  
Sacramento, CA 94244-2550

Naval Facilities Engineering  
Command  
Navy Rate Intervention  
1314 Harwood Street SE  
Washing Navy Yard, DC 20374

City of Carlsbad  
Attn. City Attorney  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008-19589

City of Chula Vista  
Attn. City Attorney  
276 Fourth Ave  
Chula Vista, Ca 91910-2631

City of Dana Point  
Attn. City Attorney  
33282 Golden Lantern  
Dana Point, CA 92629

City of Del Mar  
Attn. City Clerk  
1050 Camino Del Mar  
Del Mar, CA 92014

City of Encinitas  
Attn. City Attorney  
505 S. Vulcan Ave.  
Encinitas, CA 92024

City of Escondido  
Attn. City Attorney  
201 N. Broadway  
Escondido, CA 92025

City of Imperial Beach  
Attn. City Clerk  
825 Imperial Beach Blvd  
Imperial Beach, CA 92032

City of Laguna Beach  
Attn. City Clerk  
505 Forest Ave  
Laguna Beach, CA 92651

State of California  
Attn. Director Dept of General  
Services  
PO Box 989052  
West Sacramento, CA 95798-9052

Alpine County  
Attn. County Clerk  
99 Water Street, P.O. Box 158  
Markleeville, CA 96120

City of Carlsbad  
Attn. Office of the County Clerk  
1200 Carlsbad Village Drive  
Carlsbad, CA 92008-19589

City of Coronado  
Attn. Office of the City Clerk  
1825 Strand Way  
Coronado, CA 92118

City of Dana Point  
Attn. City Clerk  
33282 Golden Lantern  
Dana Point, CA 92629

City of El Cajon  
Attn. City Clerk  
200 Civic Way  
El Cajon, CA 92020

City of Encinitas  
Attn. City Clerk  
505 S. Vulcan Ave.  
Encinitas, CA 92024

City of Fallbrook  
Chamber of Commerce  
Attn. City Clerk  
111 S. Main Avenue  
Fallbrook, CA 92028

City of Imperial Beach  
Attn. City Attorney  
825 Imperial Beach Blvd  
Imperial Beach, CA 92032

City of Laguna Beach  
Attn. City Attorney  
505 Forest Ave  
Laguna Beach, CA 92651

Department of U.S. Administration  
General Services Administration  
300 N. Los Angeles St. #3108  
Los Angeles, CA 90012

Borrego Springs Chamber of  
Commerce Attn. City Clerk  
786 Palm Canyon Dr  
PO Box 420  
Borrego Springs CA 92004-0420

City of Chula Vista  
Attn: Office of the City Clerk  
276 Fourth Avenue  
Chula Vista, California 91910-2631

City of Coronado  
Attn. City Attorney  
1825 Strand Way  
Coronado, CA 92118

City of Del Mar  
Attn. City Attorney  
1050 Camino Del Mar  
Del Mar, CA 92014

City of El Cajon  
Attn. City Attorney  
200 Civic Way  
El Cajon, CA 92020

City of Escondido  
Attn. City Clerk  
201 N. Broadway  
Escondido, CA 92025

City of Fallbrook  
Chamber of Commerce  
Attn. City Attorney  
111 S. Main Avenue  
Fallbrook, CA 92028

Julian Chamber of Commerce  
P.O. Box 1866  
2129 Main Street  
Julian, CA

City of Laguna Niguel  
Attn. City Attorney  
30111 Crown Valley Parkway  
Laguna Niguel, California 92677



City of Laguna Niguel  
Attn. City Clerk  
30111 Crown Valley Parkway  
Laguna Niguel, California 92677

City of Lakeside  
Attn. City Clerk  
9924 Vine Street  
Lakeside CA 92040

City of La Mesa  
Attn. City Attorney  
8130 Allison Avenue  
La Mesa, CA 91941

City of La Mesa  
Attn. City Clerk  
8130 Allison Avenue  
La Mesa, CA 91941

City of Lemon Grove  
Attn. City Clerk  
3232 Main St.  
Lemon Grove, CA 92045

City of Lemon Grove  
Attn. City Attorney  
3232 Main St.  
Lemon Grove, CA 92045

City of Mission Viejo  
Attn: City Clerk  
200 Civic Center  
Mission Viejo, CA 92691

City of Mission Viejo  
Attn: City Attorney  
200 Civic Center  
Mission Viejo, CA 92691

City of National City  
Attn. City Clerk  
1243 National City Blvd  
National City, CA 92050

City of National City  
Attn. City Attorney  
1243 National City Blvd  
National City, CA 92050

City of Oceanside  
Attn. City Clerk  
300 N. Coast Highway  
Oceanside, CA 92054-2885

City of Oceanside  
Attn. City Attorney  
300 N. Coast Highway  
Oceanside, CA 92054-2885

County of Orange  
Attn. County Counsel  
P.O. Box 1379  
Santa Ana, CA 92702

County of Orange  
Attn. County Clerk  
12 Civic Center Plaza, Room 101  
Santa Ana, CA 92701

City of Poway  
Attn. City Clerk  
P.O. Box 789  
Poway, CA 92064

City of Poway  
Attn. City Attorney  
P.O. Box 789  
Poway, CA 92064

City of Ramona  
Attn. City Clerk  
960 Main Street  
Ramona, CA 92065

City of Ramona  
Attn. City Attorney  
960 Main Street  
Ramona, CA 92065

City of San Diego  
Attn. Mayor  
202 C Street, 11<sup>th</sup> Floor  
San Diego, CA 92101

City of San Clemente  
Attn. City Clerk  
100 Avenida Presidio  
San Clemente, CA 92672

City of San Clemente  
Attn. City Attorney  
100 Avenida Presidio  
San Clemente, CA 92672

County of San Diego  
Attn. County Counsel  
1600 Pacific Hwy  
San Diego, CA 92101

County of San Diego  
Attn. County Clerk  
P.O. Box 121750  
San Diego, CA 92101

City of San Diego  
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1200 Third Ave.  
Suite 1620  
San Diego, CA 92101

City of San Diego  
Attn. City Clerk  
202 C Street, 2<sup>nd</sup> Floor  
San Diego, CA 92101

City of San Marcos  
Attn. City Attorney  
1 Civic Center Dr.  
San Marcos, CA 92069

City of San Marcos  
Attn. City Clerk  
1 Civic Center Dr.  
San Marcos, CA 92069

City of Santee  
Attn. City Clerk  
10601 Magnolia Avenue  
Santee, CA 92071

City of Santee  
Attn. City Attorney  
10601 Magnolia Avenue  
Santee, CA 92071

City of Solana Beach  
Attn. City Attorney  
635 S. Highway 101  
Solana Beach, CA 92075

Spring Valley Chamber of  
Commerce  
Attn. City Clerk  
3322 Sweetwater Springs Blvd,  
Ste. 202  
Spring Valley, CA 91977-3142

Valley Center Chamber of  
Commerce  
Attn. City Clerk  
P.O. Box 8  
Valley Center, CA 92082

City of Vista  
Attn. City Attorney  
200 Civic Center Drive, Bldg. K  
Vista, CA 92084

City of Vista  
Attn. City Clerk  
200 Civic Center Drive  
Vista, CA 92084

City of Aliso Viejo  
12 Journey  
Aliso Viejo, CA 92656

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

Joint Application of Southern California Edison Company (U 338-E) and San Diego Gas & Electric Company (U 902-E) For Cost Recovery Of The Wheeler North Reef Expansion Project Marine Mitigation Costs

A.16-12-XXX

**CERTIFICATE OF SERVICE**

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of **JOINT APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) AND SAN DIEGO GAS & ELECTRIC COMPANY (U 902-E) FOR COST RECOVERY OF THE WHEELER NORTH REEF EXPANSION PROJECT MARINE MITIGATION COSTS** on all parties identified on the attached service list(s) **A.16-09-001, and A.14-11-003**. Service was effected by one or more means indicated below:

- Transmitting the copies via e-mail to all parties who have provided an e-mail address.
- Placing the copies in sealed envelopes and causing such envelopes to be delivered by hand or overnight courier to the offices of the Commissioner(s) or other addressee(s).

**Chief ALJ Karen Clopton  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102**

Executed this **December 1, 2016**, at Rosemead, California.

**/s/ Edith Leon**

Edith Leon

Legal Administrative Assistant  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770



California  
Public Utilities  
Commission



CPUC Home

## CALIFORNIA PUBLIC UTILITIES COMMISSION

### Service Lists

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**PROCEEDING: A1609001 - EDISON - FOR AUTHORI**  
**filer: SOUTHERN CALIFORNIA EDISON COMPANY**  
**LIST NAME: LIST**  
**LAST CHANGED: NOVEMBER 30, 2016**

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INC.; SPYGLASS TESLA, LLC, DAVID VOO  
AND MARY VOO, AS TRUSTEES OF THE VOO  
TRUST. (PROTESTORS)

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8326 CENTURY PART COURT, CP62C

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SCD ENERGY SOLUTIONS  
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SAN RAFAEL, CA 94903

CAROLYN KEHREIN  
ENERGY MANAGEMENT SERVICES  
ENERGY USERS FORUM  
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TY TOSDAL  
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SACRAMENTO, CA 95814

ANDREW B. BROWN  
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SACRAMENTO, CA 95816-5905

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EMAIL ONLY, CA 00000

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SAN FRANCISCO, CA 94102-3214

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CALIF PUBLIC UTILITIES COMMISSION  
LEGAL DIVISION  
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505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

CHARLOTTE CHITADJE  
CALIF PUBLIC UTILITIES COMMISSION  
ENERGY COST OF SERVICE & NATURAL GAS BRA  
AREA 3-C  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

CHRISTA SALO  
CALIF PUBLIC UTILITIES COMMISSION  
LEGAL DIVISION  
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505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

CHRISTOPHER PARKES  
CALIF PUBLIC UTILITIES COMMISSION  
RISK ASSESSMENT AND ENFORCEMENT  
AREA 2-D  
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SAN FRANCISCO, CA 94102-3214

CRYSTAL YEH  
CALIF PUBLIC UTILITIES COMMISSION  
ENERGY COST OF SERVICE & NATURAL GAS BRA  
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SAN FRANCISCO, CA 94102-3214

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SAN FRANCISCO, CA 94102-3214

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MARKET STRUCTURE, COSTS AND NATURAL GAS  
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