

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

In The Matter of the Application of SAN DIEGO GAS
& ELECTRIC COMPANY (U 902 E) for a Permit to
Construct The Ocean Ranch Substation Project

Application 16-07-016

**APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E)
FOR A PERMIT TO CONSTRUCT THE OCEAN RANCH SUBSTATION PROJECT**

(VOLUME I OF II)

**(VOLUME II OF II IS THE PROPONENT'S ENVIRONMENTAL ASSESSMENT (PEA)
REPORT WHICH, DUE TO ITS SIZE, IS BEING SUBMITTED CONCURRENTLY IN
THE FORM OF AN ARCHIVAL-GRADE DVD, IN (PUBLIC) VERSION AND
(CONFIDENTIAL) VERSION**

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July 27, 2016

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I. INTRODUCTION

Pursuant to General Order (GO) 131-D, the California Environmental Quality Act (CEQA), the California Public Utilities Code, and the Rules of Practice and Procedure of the California Public Utilities Commission (Commission), San Diego Gas & Electric Company (SDG&E) files this Application (Application) for a Permit to Construct (PTC) the Ocean Ranch Substation Project (Proposed Project). As set forth in the accompanying Proponent's Environmental Assessment (PEA), the Proposed Project is needed to (1) provide additional capacity to serve the existing area load and forecasted customer-driven electrical load growth; and (2) prevent potential long outages or disruption of service to SDG&E customers in the Oceanside area. A complete project description is included in Chapter 3 of the PEA, which is Volume II of this application. The PEA will be referenced in this Application pursuant to GO 131-D, Section IX.B.1.e.¹

¹ Other required information for a PTC application under the Commission's Rules of Practice and Procedure are contained in this Application or its appendices.

II. SUMMARY OF REQUEST

SDG&E submits this Application requesting that the Commission, upon completion of its review of this Application, issue and certify an appropriate environmental document, and if no protests or requests for hearing are received (pursuant to G.O. 131-D, Section XII), issue an expedited *ex parte* decision on the application granting SDG&E a PTC authorizing SDG&E to construct the Proposed Project set forth in this Application, PEA and the accompanying documents within the proposed timelines set forth in Section IV.A.4.d of this Application.

III. PROJECT BACKGROUND

A. Project Site

The Proposed Project site is located in the southeastern portion of the City of Oceanside, within the Pacific Coast Business Park, which is part of the Rancho Del Oro Specific Plan area. Surrounding land uses in the area include light industrial and commercial. The substation site is proposed on land owned by SDG&E and the power line loop-in is located within existing SDG&E rights-of-way (ROWs) and franchise position within the City of Oceanside public streets. The proposed substation site consists of two parcels (5.60 and 4.06 acres) for a total of 9.66 acres. The location of the Proposed Project is depicted in Figure 3-1, *Regional Location Map* and Figure 3-2, *Proposed Project Overview Map* of the PEA, Volume II of this application.

B. Project Objectives

The fundamental objectives of the Proposed Project include the following:

- Objective 1: Meet the Area's Existing and Forecasted Electric Load Growth;
- Objective 2: Maintain Substation and Circuit Reliability with Additional Tie and Transformer Capacity;
- Objective 3: Reduce Area Substation Loading to Optimum Operating Conditions;

- Objective 4: Locate the Proposed Project's Facilities within SDG&E Fee-Owned Property, Franchise, or Existing Easements.

The Proposed Project's objectives are presented in greater detail in Chapter 2, *Project Purpose and Need* of the PEA, Volume II of this application.

C. Project Description

The Proposed Project includes the following primary components:

- Ocean Ranch Distribution Substation: Construct a new 69/12 kilovolt (kV) low-profile substation in the City of Oceanside. The substation will be named Ocean Ranch, have an initial capacity of 60 megavolt ampere (MVA) rating, and an ultimate capacity of 120 MVA.
- Power Line TL 6966 Loop-In: TL 6966 is an existing underground 69 kV circuit which has termination points at San Luis Rey Substation (to the west) and Melrose Substation (to the east). It will be intercepted at the intersection of Avenida De La Plata and Avenida Del Oro and extended to the proposed Ocean Ranch Substation via the construction of an underground power line duct bank with a total length of approximately 1,500 feet. This will reconfigure the existing tie line into TL 6966 (San Luis Rey to Ocean Ranch) and TL 6979 (Ocean Ranch to Melrose). Refer to Figure 3-3 and Figure 3-4 for existing and ultimate configuration of substations and power lines in the area.
- 12 kV Distribution System: Four new distribution circuits will be installed and will intercept four existing circuits. A portion of the existing circuits will be offloaded to the new Ocean Ranch circuits. Approximately 4,650 feet of new 12 kV distribution line will be constructed, most of which will be on the proposed Ocean Ranch

Substation site. The Proposed Project includes construction of four new manholes and one new handhole to access the new segment of underground 12 kV distribution line.

- Telecommunication Systems: A 40-foot monopole will be installed in the southwest corner of the proposed Ocean Ranch Substation property for the microwave radio communication system. A 2-foot diameter antenna will be mounted on the monopole and point west to provide a communications link to the San Luis Rey Substation. AT&T services will enter the property from the street. A conduit duct will be installed from the substation control shelter to the property line to intercept the AT&T duct structure. Two pad-mounted pedestals, approximately 3 feet high, will be installed to enclose the communications equipment at or near the property line. Fiber optic cables will be installed and connect to the TL693 Melrose tap, and for a future loop-in from San Luis Rey substation.

The proposed Ocean Ranch Distribution Substation will initially be constructed at a rated capacity of 60 MVA, but designed to expand to an ultimate capacity of 120 MVA. Planned initial substation load and growth rate does not require the installation of the ultimate 120 MVA substation capacity within the distribution planning 10-year forecast.

These components are described in greater detail in Chapter 3, *Proposed Project Description* of the PEA, Volume II of this application.

IV. STATUTORY AND PROCEDURAL REQUIREMENTS

GO 131-D, Section IX.B. requires an applicant for a PTC to comply with the Commission's Rules of Practice and Procedure, Rule 2. Pursuant to this requirement, SDG&E responds as follows:²

A. Rule 2.1(a) – (c)

In accordance with Rule 2.1(a) – (c) of the Commission's Rules of Practice and Procedure, SDG&E provides the following information.

1. Statutory Authority

This Application is made pursuant to the CEQA, GO 131-D, the Commission's Rules of Practice and Procedure, and prior decisions, orders and resolutions of this Commission.

2. Rule 2.1(a) - Legal Name and Address

The applicant is San Diego Gas & Electric Company, a corporation organized and existing under the laws of the State of California, and an investor-owned public utility as defined by Section 216 (a) and 218 (a), respectively, of the California Public Utilities Code, and engaged in the business of purchasing, selling, generating, transmitting, distributing, and providing electric and gas energy service to approximately 3.4 million consumers through 1.4 million electric meters and more than 840,000 natural gas meters throughout San Diego County and in a portion of southern Orange County, California. The utility's service area spans 4,100 square miles and 25 cities and unincorporated areas in southwestern California, United States. The activities of SDG&E are regulated by this Commission and by the Federal Energy Regulatory

² Although not specifically discussed herein, SDG&E's Application also complies as necessary with Rule 1.5 ("Form and Size of Tendered Documents"), Rule 1.13 ("Tendering and Review of Document for Filing"), Rule 7.1 ("Categorization, Need for Hearing"), Rule 8.1 ("Definitions"), Rule 8.2 ("Ex Parte Requirements"), Rule 13.3 ("Assigned Commissioner Presence"), and Rule 13.13 ("Oral Argument before Commission").

Commission. SDG&E is a wholly-owned, indirect subsidiary of Sempra Energy, whose shares are publicly traded. SDG&E's principal place of business is 8330 Century Park Court, San Diego, California 92123.

3. Rule 2.1(b) - Correspondence

Correspondence or communications regarding this Application should be addressed to:

ALLEN K. TRIAL
Attorney for:
San Diego Gas & Electric Company
8330 Century Park Court, CP32A
San Diego, CA 92123
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4. Rule 2.1(c)

a. Proposed Category of Proceeding

In accordance with Rule 7.1, SDG&E requests that this Application be categorized as ratesetting because the costs for the new power line project will be recovered by SDG&E through its retail rates, and because this Application neither raises questions of policy or rules of general applicability, nor adjudicates any allegations of violations of law. In addition, because this

Application raises ancillary issues that do not fall clearly into a single category, Rule 7.1(e)(2) requires that it be categorized as a ratesetting proceeding.

b. Need for Hearings

SDG&E does not believe that approval of this Application will require hearings. SDG&E has provided ample information, analysis and documentation that provide the Commission with a sufficient record upon which to grant the relief requested on an *ex parte* basis. SDG&E respectfully requests that the relief requested in this Application be provided on an *ex parte* basis as provided for in G.O. 131-D, Section IX.B.6. An *ex parte* grant of the authorization sought herein at the earliest achievable date will permit SDG&E to proceed with the project in accordance with a 9 month timeline as provided for in G.O. 131-D, Section IX.B. If the Commission finds that hearings are necessary, SDG&E respectfully requests that such hearings be concluded as soon as practicable.

c. Issues to be Considered

The issues to be considered are described in this Application, PEA and the accompanying documents. Based on the PEA, SDG&E believes the Proposed Project will not have a significant adverse impact on the environment. Therefore, SDG&E requests that the Commission issue a decision within the time limits prescribed by Cal. Gov. Code § 65920 et seq. (Permit Streamlining Act) as provided for in G.O. 131-D, Section IX.B.6.

In accordance with Section IX.B.6. of G.O. 131-D, SDG&E further requests that the Commission refrain from assigning an Administrative Law Judge (ALJ) to this proceeding, unless a valid protest is received by the Commission, and in the absence of any valid protest allow the Energy Division to process this Application.

d. Proposed Schedule

Section IX.B.1.a. of GO 131-D requires that applicants for a PTC include a proposed schedule for authorization, construction, and commencement of operation of facilities. This proceeding involves the Commission's: (1) environmental review of the Proposed Project in compliance with the CEQA (Public Resources Code Section 21100 *et seq.*) and GO 131-D; and (2) issuance of a PTC authorizing SDG&E to construct the Proposed Project. In accordance with Section IX.B.1.a. of GO 131-D, SDG&E submits a Proposed Construction Schedule, which is attached to this Application as Appendix A. Given the pressing need of commencement of operation of facilities and lack of anticipated environmental issues or public controversy connected with the Proposed Project, SDG&E proposes the following schedule for this Application:

<u>ACTION</u>	<u>DATE</u>
Application filed	July 27, 2016
Provide Notice of Filing of Application by direct mail, advertisement and on-site posting	On or before August 8, 2016 (Within 10 days after filing)
File a Declaration of Mailing and Posting	August, 2016 (Within 5 days of completion)
Application Completeness Determination	August 26, 2016 (30 days after Application filed)
Last Date for Protest and Request for Public Hearings	August 26, 2016 (30 days after notice ³)
Draft CEQA Document Issued for Public Comment	November 9, 2016 (105 days)

³ GO 131-D, Section XII. provides in part that any person entitled under the Commission's Rules of Procedure to participate in a proceeding for a permit to construct may, within 30 days after the notice was mailed or published (as provided under Section XI. of GO 131-D), object to the granting in whole or in part of the authority sought by the utility and request that the Commission hold hearings on the application.

Close of Public Comment Period	January 5, 2017 (45 days after notice of availability)
Proposed Date for Release of Final EIR or Negative Declaration	February 2017
Evidentiary Hearing, if needed	March 2017
Draft Decision Issued	April 2017
<i>Ex Parte</i> Decision Issued. Final CEQA Document Certified.	May 2017

B. Rule 2.2 – Articles of Incorporation

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

C. Rule 2.3 – Financial Statement

SDG&E's financial statement, balance sheet and income statement for the three-month period ending March 31, 2016 are included with this Application as Appendix G.

D. Rule 2.4 - CEQA Compliance

GO 131-D, Section IX.B.1.e. requires an applicant for a PTC to include in its application “[a] PEA or equivalent information on the environmental impact of the project in accordance with the provisions of CEQA and this Commission’s Rules of Practice and Procedure”. SDG&E has prepared a PEA describing in detail the environmental setting and the potential impacts associated with the construction and operation of the Proposed Project. SDG&E is simultaneously submitting separately the PEA portion of this application in a CD-ROM/DVD format as Volume II.

E. Rule 2.5 – Fees for Recovery of Cost in Preparing EIR

SDG&E is submitting a deposit concurrently with this application to be applied to the cost the Commission incurs to prepare a negative declaration or an environmental impact report for the Proposed Project.

F. Rule 3.1(a) – (i) – Construction or Extension of Facilities

Rule 2.1(d) requires all applications to comply with “[s]uch additional information as may be required by the Commission in a particular proceeding.” Commission Rule 3.1 contains some additional requirements for applicants for PTCs. Some of the requirements of Rule 3.1 are duplicative of the requirements of GO 131-D, which are more precisely identified and discussed in Section V *infra*. In accordance with Rule 3.1(a) – (i) of the Commission’s Rules of Practice and Procedure, SDG&E provides the following information.

1. Rule 3.1(a) – Description of the Proposed Project

Commission Rule 3.1(a) requires applicants for a PTC to include in their applications “A full description of the proposed construction or extension, and the manner in which the same will be constructed.”

Please refer to SDG&E’s response in Section III-C *supra* of this application.

2. Rule 3.1(b) – Competing Utilities

Commission Rule 3.1(b) requires applicants for a PTC to include in their applications “The names and addresses of all utilities, corporations, persons or other entities, whether publicly or privately operated, with which the proposed construction is likely to compete, and of the cities or counties within which service will be rendered in the exercise of the requested certificate.”

The Proposed Project will be built entirely within the service territory of SDG&E, and is not intended to compete with the projects of any other entity. The requested certification is to

enhance electric service within SDG&E's service territory (which consists of San Diego County and a portion of southern Orange County, including the Cities of Carlsbad, Chula Vista, Coronado, Dana Point, Del Mar, El Cajon, Encinitas, Escondido, Imperial Beach, Laguna Beach, Laguna Hills, Laguna Niguel, La Mesa, Lemon Grove, Mission Viejo, National City, Oceanside, Poway, San Clemente, San Diego, San Juan Capistrano, San Marcos, Santee, Solana Beach and Vista) and in the area served by the CAISO.

3. Rule 3.1(c) – Project Maps

Commission Rule 3.1(c) requires an applicant for a PTC to include in its application “A map of suitable scale showing the location or route of the proposed construction or extension, and its relation to other public utilities, corporations, persons, or entities with which the same is likely to compete.”

As stated in the previous response, the Proposed Project is not intended to compete with the projects of any other entity. A copy of SDG&E's Map of the proposed routing is attached to this Application as Appendix I. For a more detailed description of the Proposed Project location, see PEA, Volume II of this Application.

4. Rule 3.1(d) – Required Permits

Commission Rule 3.1(d) requires an applicant for a PTC to include in its application “A statement identifying the franchises and such health and safety permits as the appropriate public authorities have required or may require for the proposed construction or extension.”

A list of the franchises and anticipated health and safety permits required for the Proposed Project is found in the PEA, Volume II of this application.

5. Rule 3.1(e) – Public Convenience and Necessity

Commission Rule 3.1(e) requires an applicant for a PTC to include in its application “Facts showing that public convenience and necessity require, or will require, the proposed construction or extension, and its operation.”

The above requirements notwithstanding, pursuant to GO 131-D, Section IX.B.1.f., an application for a PTC need not include a detailed analysis of purpose and necessity beyond that required for CEQA compliance. Please refer to the PEA, Volume II of this application.

6. Rule 3.1(f) – Estimated Cost

Commission Rule 3.1(f) requires an applicant for a PTC to include in its application “A statement detailing the estimated cost of the proposed construction or extension and the estimated annual costs, both fixed and operating associated therewith.”

The above requirements notwithstanding, pursuant to GO 131-D, Section IX.B.1.f., an application for a PTC need not include a detailed estimate of cost beyond that required for CEQA compliance. SDG&E provides an estimated cost range for the proposed scope of the project in Appendix H of this application.

7. Rule 3.1(g) – Financial Ability

Commission Rule 3.1(g) requires an applicant for a PTC to include in its application “Statements or exhibits showing the financial ability of the applicant to render the proposed service together with information regarding the manner in which applicant proposes to finance the cost of the proposed construction or extension.”

The above requirements notwithstanding, pursuant to GO 131-D, Section IX.B.1.f., an application for a PTC need not include a detailed economic analysis beyond that required for CEQA compliance. In any event, SDG&E plans to own 100 percent of the assets that will

comprise the Proposed Project and those assets will be added to SDG&E's utility rate base. At present, SDG&E intends to finance the Proposed Project cost with the same proportions of debt and equity with which all other rate base assets are financed, in keeping with the capital structure approved by the Commission for SDG&E. Financing would be in the form of retained earnings, available cash and debt, as necessary.

8. Rule 3.1(h) – Proposed Rates

Commission Rule 3.1(h) requires an application for a PTC to include “A statement of the proposed rates to be charged for service to be rendered by means of such construction or extension.”

SDG&E's retail rates are found in its currently-effective tariffs approved by this Commission. SDG&E's transmission rates are formula rates subject to annual adjustment, as approved by the Federal Energy Regulatory Commission (FERC). SDG&E is not proposing to increase rates as a result of this Project. A statement of all of SDG&E's presently effective electric rates can be viewed electronically by accessing: <http://www.sdge.com/rates-regulations/current-and-effective-tariffs/current-and-effective-tariffs> .

The costs associated with the Proposed Project are predominantly for transmission-related services. When the project is placed in service, SDG&E will seek to recover the costs through the CAISO's FERC-jurisdictional rates. This would occur as part of a FERC rate case covering the test period in which the project will become operative. Costs not approved by FERC for recovery in general transmission rates may be recovered through CPUC-jurisdictional retail rates.

9. Rule 3.1(i) – Proxy Statement

Commission Rule 3.1(i) requires an applicant for a PTC to include in its application “a copy of the latest proxy statement sent to stockholders by it or its parent company containing the information required by the rules of the SEC if not previously filed with the Commission.”

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 California Public Utilities Commission on April 29, 2016, and is incorporated herein by reference.

V. INFORMATION REQUIRED BY GENERAL ORDER 131-D

GO 131-D, Sections IX., X. and XI., adopted by the Commission in D.94-06-014 as modified by D.95-08-038, requires an applicant for a PTC to include in its application a variety of information. This information follows in the order in which it is listed in GO 131-D.

A. Section IX.B.

In accordance with Section IX.B.1.(a) – (f) of the Commission’s GO 131-D, SDG&E provides the following information.

1. Section IX.B.1.a. - Description of the Proposed Project facilities

See the PEA, Volume II of this application.

2. Section IX.B.1.b. - Map of Proposed Project location

A map showing the location or route of the Proposed Project location is attached to this Application as Appendix I. For a more detailed description of the Proposed Project location, see PEA, Volume II of this Application.

3. Section IX.B.1.c. - Reasons for adoption of the power line route or substation locations selected

See the PEA, Volume II of this application.

4. Section IX.B.1.d. - Listing of governmental agencies consulted and statements of position

A listing of governmental agencies consulted and statements of position is attached to this Application as Appendix J. For further details of community outreach, see PEA, Volume II of this Application.

5. Section IX.B.1.e. – Proponent’s Environmental Assessment

The PEA attached to this application as Volume II includes the information described in Section IV(a)-(d) above and concludes that the Proposed Project will have no significant unmitigable impact on the environment.

B. Section X.A.

GO 131-D, Section X.A. requires an applicant for a PTC to “describe the measures taken or proposed by the utility to reduce the potential exposure to electric and magnetic fields generated by the proposed facilities, in compliance with Commission order.”

A copy of SDG&E’s Magnetic Field Management Plan is attached to this application as Appendix F.

C. Section XI.A.

GO 131-D, Section XI.A. requires an applicant for a PTC to notify the public of its filing “within ten days of filing the application” in several different ways, by direct mail, by advertisement and by posting.

In compliance with Section XI.A. of GO 131-D, SDG&E will, within ten days after the filing of this Application, provide proper notice of the filing of this Application: (1) by direct mail to certain public agencies and legislative bodies; (2) by advertisement in a newspaper or newspapers of general circulation in each county in which the Proposed Project will be located; and (3) by posting a notice on-site and off-site at the project location. A copy of the Draft Notice

of Application for a Permit to Construct is attached to this application as Appendix B. The Service List and Public Review Locations for Notice of Application are contained in Appendix C. A List of Newspaper(s) Publishing the Notice of Application is contained in Appendix D. And, a Draft Declaration of Posting of Notice of Application is attached to this application as Appendix E.

VI. LIST OF APPENDICES AND ATTACHMENTS

Appendix A Proposed Construction Schedule
Appendix B Draft Notice of Application
Appendix C Service List and Public Review Locations for Notice of Application
Appendix D List of Newspaper(s) Publishing the Notice of Application
Appendix E Draft Declaration of Posting of Notice
Appendix F Magnetic Field Management Plan
Appendix G Financial Statements
Appendix H Estimated Project Costs
Appendix I Map of Proposed Project Location
Appendix J List of Governmental Agencies Consulted and Statement of Position
Volume II Proponent's Environmental Assessment


VII. CONCLUSION

Wherefore, SDG&E requests that the Commission (1) accept its application as complete; (2) prepare an Environmental Impact Report or Negative Declaration regarding the potential environmental impacts of the Proposed Project; and (3) issue a decision granting SDG&E a Permit to Construct the Ocean Ranch Substation Project, as described in this application and the supporting documents.

DATED this 27th day of July 2016, at San Diego, California.

Respectfully submitted,

SAN DIEGO GAS & ELECTRIC COMPANY

By: 
DAVID L. GEIER
Vice President, Electric Transmission and System
Engineering

SAN DIEGO GAS & ELECTRIC COMPANY

By: /s/ Allen K. Trial
ALLEN K. TRIAL

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Attorney for:

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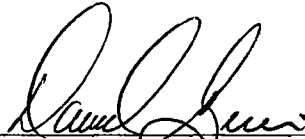
VIII. VERIFICATION

David L. Geier declares the following:

I am an officer of San Diego Gas & Electric Company and am authorized to make this Verification on its behalf. I am informed and believe that the matters stated in the foregoing **APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E) FOR A PERMIT TO CONSTRUCT THE OCEAN RANCH SUBSTATION PROJECT** are true to my own knowledge, except as to matters which are therein stated on information and belief, and as to those matters I believe them to be true.

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

Executed this 27th day of July 2016, at San Diego, California.



DAVID L. GEIER
Vice President, Electric Transmission and System
Engineering

SAN DIEGO GAS & ELECTRIC COMPANY

APPENDIX A
Proposed Construction Schedule

Ocean Ranch Substation
Proposed Construction Schedule

Project Component	Approximate Duration	Anticipated Start Date
Staging Yard Set-Up	1 week	October 2017
Proposed 69/12 kV Substation	17 months	October 2017
69 kV Underground Power Line	3 months	January 2019
12 kV Distribution	3 months	February 2019
Telecommunication System Extension	1 month	February 2019
Energization	1 month	June 2019
Demobilization/Clean-Up/Road Refreshing	1 week	June 2019

* All Start Dates Dependent on Application Approval Date

APPENDIX B
Draft Notice of Application

NOTICE OF APPLICATION FOR A PERMIT TO CONSTRUCT

San Diego Gas & Electric Ocean Ranch Substation Project

Date: July 27, 2016

CPUC Application No.: A.16-07-XXX

Proposed Project: San Diego Gas & Electric Company (SDG&E) has filed an application with the California Public Utilities Commission (CPUC) for a Permit to Construct the Ocean Ranch Substation Project (Proposed Project). As proposed by SDG&E, and further described in the Proponent's Environmental Assessment (PEA), the Proposed Project includes the following elements:

- **Ocean Ranch Distribution Substation.** Construct a new 69/12 kilovolt (kV) low-profile substation in the City of Oceanside. The substation will be named Ocean Ranch, have an initial capacity of 60 megavolt ampere (MVA) rating, and an ultimate capacity of 120 MVA.
- **Power Line TL 6966 Loop-In.** TL 6966 is an existing underground 69 kV circuit which has termination points at San Luis Rey Substation (to the west) and Melrose Substation (to the east). It will be intercepted at the intersection of Avenida De La Plata and Avenida Del Oro and extended to the proposed Ocean Ranch Substation via the construction of an underground power line duct bank with a total length of approximately 1,500 feet. This will reconfigure the existing tie line into TL 6966 (San Luis Rey to Ocean Ranch) and TL 6979 (Ocean Ranch to Melrose).
- **12 kV Distribution System.** Four new distribution circuits will be installed and will intercept four existing circuits. A portion of the existing circuits will be offloaded to the new Ocean Ranch circuits. Approximately 4,650 feet of new 12 kV distribution line will be constructed, most of which will be on the proposed Ocean Ranch Substation site. The Proposed Project includes construction of four new manholes and one new handhole to access the new segment of underground 12 kV distribution line.
- **Telecommunication Systems:** A 40-foot monopole will be installed in the southwest corner of the proposed Ocean Ranch Substation property for the microwave radio communication system. A 2-foot-diameter antenna will be mounted on the monopole and point west to provide a communications link to the San Luis Rey Substation. AT&T services will enter the property from the street. A conduit duct will be installed from the substation control shelter to the property line to intercept the AT&T duct structure. Two pad-mounted pedestals, approximately 3 feet high, will be installed to enclose the communications equipment at or near the property line.

The proposed Ocean Ranch Distribution Substation will initially be constructed at a rated capacity of 60 MVA, but designed to expand to an ultimate capacity of 120 MVA. Planned initial substation load and growth rate does not require the installation of the ultimate 120 MVA substation capacity within the distribution planning 10-year forecast.

Environmental Assessment: SDG&E has prepared a PEA that includes the analysis of potential environmental impacts created by the construction and operation of the Proposed Project. Based on the PEA, SDG&E believes the Proposed Project will not have a significant adverse impact on the environment.

Electric Magnetic Field (EMF) Management: SDG&E will employ measures to reduce public exposure to EMF in accordance with CPUC Decisions 93-11-013 and 06-01-042 and SDG&E's "EMF Design Guidelines for Transmission, Distribution, and Substation Facilities." SDG&E has filed copies of its Magnetic Field Management Plan for this Proposed Project as part of its Application.

Public Review Process: SDG&E has applied to the California Public Utilities Commission (CPUC) for a Permit to Construct and has asked for approval without hearings. Pursuant to the CPUC's General Order 131-D, Section XII and Rules of Practice and Procedures, Rule 2.6(a), within 30 calendar days of the date notice was first mailed or published, you may protest and request that the CPUC hold hearings on this Amended Application. If the CPUC, as a result of its investigation, determines that public hearings should be held, notice shall be sent to each person or entity who is entitled to notice or who has requested a hearing. Please contact the following people should you require any information regarding this project.

Allen K. Trial Attorney for SDG&E 8330 Century Park Court, CP32 San Diego, CA 92123	AND	Brittney Lee SDG&E Regulatory Affairs 8330 Century Park Court, CP32 San Diego, CA 92123	AND	Director, Energy Division California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102
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CPUC PROCESS

If you would like additional information on the CPUC process or would like to attend hearings (if held) and need assistance, you can contact the Public Advisor's Office (PAO). You may also send your comments to the PAO at the following address: Public Advisor's Office, 505 Van Ness Ave, San Francisco, CA 94102 or send an e-mail to: public.advisor@cpuc.ca.gov. Any letters received from you will be circulated to each Commissioner and will become part of the formal correspondence file in the application. In your letter state that your comments are regarding Application No. A.16-07-XXX.

FOR FURTHER INFORMATION

You may request additional information or obtain a copy of the application and related exhibits by writing to: Brittney Lee, Regulatory Case Administrator for SDG&E, 8330 Century Park Court, San Diego, CA 92123. SDG&E will provide a copy of the application, including the public testimony, upon request. SDG&E's application and attachments may be inspected at the CPUC's Central Files Office, 505 Van Ness Ave., San Francisco, CA 94102. A copy of the application and any amendments may be inspected at the SDG&E business offices listed below:

436 H Street
Chula Vista, CA 91910

440 Beech Street
San Diego, CA 92101

104 N Johnson Ave.
El Cajon, CA 92020

2405 E. Plaza Blvd.
National City, CA 91950

336 Euclid Ave. Ste. 502
San Diego, CA 92114

2604-B S El Camino Real
Carlsbad, CA 92008

644 W. Mission Ave.
Escondido, CA 92025

Copies of this notice will be available for viewing and printing on the SDG&E Web site at: <http://www.sdge.com/proceedings>

APPENDIX C
Service List and Public Review Locations for Notice of Application

PUBLIC NOTICE LIST

The following is a list of parties required to be noticed under G.O. 131-D, Section XI. Land owners and other interested parties required to be noticed pursuant to G.O. 131-D, Section XI, A.

LIST OF PUBLIC AGENCIES AND OTHER INTERESTED PARTIES

State of California Attorney General's Office PO Box 944255 Sacramento CA 94244-2550	State of California Attn Director Dept of General Services PO Box 989052 West Sacramento CA 95798-9052	Dept of U.S. Administration General Services Administration 300 N Los Angeles St #3108 Los Angeles CA 90012
Naval Facilities Engineering Command Navy Rate Intervention 1314 Harwood St SE Washing Navy Yard DC 20374	Alpine County Attn County Clerk 99 Water St, PO Box 158 Markleeville CA 96120	Borrego Springs Chamber of Commerce Attn City Clerk 786 Palm Canyon Dr PO Box 420 Borrego Springs CA 92004-0420
City of Carlsbad Attn City Attorney 1200 Carlsbad Village Dr Carlsbad CA 92008-19589	City of Carlsbad Attn Office of the County Clerk 1200 Carlsbad Village Dr Carlsbad CA 92008-19589	City of Chula Vista Attn: Office of the City Clerk 276 Fourth Ave Chula Vista CA 91910-2631
City of Chula Vista Attn City Attorney 276 Fourth Ave Chula Vista CA 91910-2631	City of Coronado Attn Office of the City Clerk 1825 Strand Way Coronado CA 92118	City of Coronado Attn City Attorney 1825 Strand Way Coronado CA 92118
City of Dana Point Attn City Attorney 33282 Golden Lantern Dana Point CA 92629	City of Dana Point Attn City Clerk 33282 Golden Lantern Dana Point CA 92629	City of Del Mar Attn City Attorney 1050 Camino Del Mar Del Mar CA 92014
City of Del Mar Attn City Clerk 1050 Camino Del Mar Del Mar CA 92014	City of El Cajon Attn City Clerk 200 Civic Way El Cajon CA 92020	City of El Cajon Attn City Attorney 200 Civic Way El Cajon CA 92020
City of Encinitas Attn City Attorney 505 S Vulcan Ave Encinitas CA 92024	City of Encinitas Attn City Clerk 505 S Vulcan Ave Encinitas CA 92024	City of Escondido Attn City Clerk 201 N Broadway Escondido CA 92025

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

City of Fallbrook
Chamber of Commerce
Attn City Clerk
111 S Main Ave
Fallbrook CA 92028

City of Fallbrook
Chamber of Commerce
Attn City Attorney
111 S Main Ave
Fallbrook CA 92028

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

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

Julian Chamber of Commerce
PO Box 1866
2129 Main St
Julian CA 92036

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

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

City of Laguna Beach
Attn City Attorney
30111 Crown Valley Pkwy
Laguna Niguel CA 92677

City of Laguna Niguel
Attn City Clerk
30111 Crown Valley Pkwy
Laguna Niguel CA 92677

City of Lakeside
Attn City Clerk
9924 Vine St
Lakeside CA 92040

City of La Mesa
Attn City Attorney
8130 Allison Ave
La Mesa CA 91941

City of La Mesa
Attn City Clerk
8130 Allison Ave
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 Hwy
Oceanside CA 92054-2885

City of Oceanside
Attn City Attorney
300 N Coast Hwy
Oceanside CA 92054-2885

County of Orange
Attn County Counsel
PO 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
PO Box 789
Poway CA 92064

City of Poway
Attn City Attorney
PO Box 789
Poway CA 92064

City of Ramona
Attn City Clerk
960 Main St
Ramona CA 92065

City of Ramona
Attn City Attorney
960 Main St
Ramona CA 92065

City of San Diego
Attn Mayor
202 C St, 11th 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
PO Box 121750
San Diego CA 92101

City of San Diego
Attn City Attorney
1200 Third Ave, Ste 1620
San Diego CA 92101

City of San Diego
Attn City Clerk
202 C St, 2nd 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 Ave
Santee CA 92071

City of Santee
Attn City Attorney
10601 Magnolia Ave
Santee CA 92071

City of Solana Beach
Attn City Attorney
635 S Hwy 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
PO Box 8
Valley Center CA 92082

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

City of Vista
Attn City Clerk
200 Civic Center Dr
Vista CA 92084

City of Aliso Viejo
12 Journey
Aliso Viejo CA 92656

California Energy Commission
Robert Oglesby, Exec Director
1516 Ninth St, Mail Stop 39
Sacramento CA 95814

California Dept of Transportation
Division of Aeronautics
Gary Cathey
1120 N St, Rm 3300
Sacramento CA 95814

California Dept of Transportation
Richard Land
4050 Taylor St
San Diego CA 92110

California Resources Agency
John Laird
1416 9th St, Ste 1311
Sacramento CA 95814

CA Department of Fish & Wildlife
Mr. Ed Pert
Regional Manager
3883 Ruffin Road
San Diego CA 92123

CA Department of Fish & Wildlife
Mr. David Mayer, Supervisor
3883 Ruffin Road
San Diego CA 92123

Department of Public Health
Dr. Ron Chapman, Director
1615 Capitol Ave
Sacramento CA 95814-5015

CA State Water Resources Control
Board
Thomas Howard
1001 I St
Sacramento CA 95814

CA State Air Res Control Board
Mr. James Goldstene
1001 I St
PO Box 2815
Sacramento CA 95814

South Coast Air Quality
Management District
Dr. Barry Wallerstein
21865 Copley Dr
Diamond Bar CA 91765

County of San Diego Air Pollution
Control District
Mr. Robert Kard, Director
10124 Old Grove Road
San Diego CA 92131

San Diego Regional Water Quality
Control Board
David W. Gibson, Exec Officer
2375 Northside Dr, Ste 100
San Diego CA 92108

California Dept of Transportation
Laurie Berman, Director
District 11
4050 Taylor St
San Diego CA 92110

California Dept of Transportation
Ryan Chamberlain, Director
District 12
3347 Michelson Dr, Ste 100
Irvine CA 92612

The Native American Heritage
Commission
915 Capitol Mall, Rm. 364
Sacramento CA 95814

Federal Aviation Administration
Mr. William Withycombe
Western Pacific Division
PO Box 92007 WPC
Los Angeles CA 90009

U.S. Army Corp of Engineers
Shanti Santulli, SD Field Office
6010 Hidden Valley Rd, Ste 105
Carlsbad CA 92011-4213

U.S. Army Corp of Engineers
915 Wilshire Blvd, Ste 1101
Los Angeles CA 90017

CA Coastal Commission
Charles Lester
45 Fremont St, Ste 2000
San Francisco CA 94105

U.S. Fish & Wildlife Service
Carlsbad Field Office
G. Mendel Stewart, Supervisor
2177 Salk Ave, Ste 250
Carlsbad CA 92008

U.S. Fish & Wildlife Service
Patrick Gower, Biologist
2177 Salk Ave, Ste 250
Carlsbad CA 92008

Steven Wolfe, PE Facilities Dir
Marine Corps Installations West
Marine Corps Base, Camp
Pendleton
Building 1160, Rm 210

CA Public Utilities Commission
Connie Chen
505 Van Ness Ave
San Francisco CA 94102

CA Public Utilities Commission
Ed Randolph
505 Van Ness Ave
San Francisco CA 94102

CA Public Utilities Commission
Molly Sterkel
505 Van Ness Ave
San Francisco CA 94102

CA Public Utilities Commission
Jason Reiger
505 Van Ness Ave
San Francisco CA 94102

CA Public Utilities Commission
Mary Jo Borak
505 Van Ness Ave
San Francisco CA 94102

CA Public Utilities Commission
Docket Office
505 Van Ness Ave
San Francisco CA 94102

CA Public Utilities Commission
Public Advisor
505 Van Ness Ave
San Francisco CA 94102

LIST OF PROPERTY OWNERS

PROPERTY OWNER
APN 16151217
60 STATE ST #1200
BOSTON MA 02109

PROPERTY OWNER
APN 16151254
60 STATE ST #1200
BOSTON MA 02109

PROPERTY OWNER
APN 16151255
60 STATE ST #1200
BOSTON MA 02109

PROPERTY OWNER
APN 16151256
60 STATE ST #1200
BOSTON MA 02109

PROPERTY OWNER
APN 16151258
60 STATE ST #1200
BOSTON MA 02109

PROPERTY OWNER
APN 16151260
60 STATE ST #1200
BOSTON MA 02109

PROPERTY OWNER
APN 16069004
1251 AVE OF THE AMERICAS
NEW YORK NY 10020

PROPERTY OWNER
APN 16069005
1251 AVE OF THE AMERICAS
NEW YORK NY 10020

PROPERTY OWNER
APN 16069104
1251 AVE OF THE AMERICAS
NEW YORK NY 10020

PROPERTY OWNER
APN 16151251
ONE BISCAYNE TOWER #2400
2 S BISCAYNE BLVD
MIAMI FL 33131

PROPERTY OWNER
APN 16057132
165 S UNION BLVD #510
LAKEWOOD CO 80228

PROPERTY OWNER
APN 16057127
P O BOX 29291
PHOENIX AZ 85038

PROPERTY OWNER
APN 16057128
P O BOX 29291
PHOENIX AZ 85038

PROPERTY OWNER
APN 16250250
3435 WILSHIRE BLVD
LOS ANGELES CA 90010

PROPERTY OWNER
APN 16250247
144 REDWOOD AVE
CARLSBAD CA 92008

PROPERTY OWNER
APN 16250248
3213 SITIO MONTECILLO
CARLSBAD CA 92009

PROPERTY OWNER
APN 16244166
P O BOX 232211
ENCINITAS CA 92023

PROPERTY OWNER
APN 16244167
P O BOX 232211
ENCINITAS CA 92023

PROPERTY OWNER
APN 16051213
178 ELY ST
OCEANSIDE CA 92054

PROPERTY OWNER
APN 16051212
181 ELY ST
OCEANSIDE CA 92054

PROPERTY OWNER
APN 16244105
302 MAINSAIL RD
OCEANSIDE CA 92054

PROPERTY OWNER
APN 16244106
306 MAINSAIL RD
OCEANSIDE CA 92054

PROPERTY OWNER
APN 16244107
310 MAINSAIL RD
OCEANSIDE CA 92054

PROPERTY OWNER
APN 16151261
1342 ROCKY POINT DR
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16151248
1347 ROCKY POINT DR
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16151250
1359 ROCKY POINT DR
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16348008
2550 MOTTINO DR
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16250326
4095 AVENIDA DE LA PLATA
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16250202
4112 AVENIDA DE LA PLATA
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16250205
4112 AVENIDA DE LA PLATA
OCEANSIDE CA 92056

PROPERTY OWNER
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OCEANSIDE CA 92056

PROPERTY OWNER
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4121 AVENIDA DE LA PLATA
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16250412
4143 AVENIDA DE LA PLATA
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16250413
4144 AVENIDA DE LA PLATA
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16312209
4211 MOONLIGHT LN
OCEANSIDE CA 92056

PROPERTY OWNER
APN 16204037
550 VISTA BELLA
OCEANSIDE CA 92057

PROPERTY OWNER
APN 16204039
550 VISTA BELLA
OCEANSIDE CA 92057

PROPERTY OWNER
APN 16250209
P O BOX 9195
RANCHO SANTA FE CA 92067

PROPERTY OWNER
APN 16348003
P O BOX 1662
RANCHO SANTA FE CA 92067

PROPERTY OWNER
APN 16250208
P O BOX 2588
SAN MARCOS CA 92079

PROPERTY OWNER
APN 16250204
657 ROLLING HILLS RD
VISTA CA 92081

PROPERTY OWNER
APN 16250303
657 ROLLING HILLS RD
VISTA CA 92081

PROPERTY OWNER
505 DOVE CIR
VISTA CA 92083

PROPERTY OWNER
APN 16348005
508 DOVE CIR
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR
VISTA CA 92083

PROPERTY OWNER
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PROPERTY OWNER
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PROPERTY OWNER
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PROPERTY OWNER
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PROPERTY OWNER
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VISTA CA 92083

PROPERTY OWNER
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VISTA CA 92083

PROPERTY OWNER
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VISTA CA 92083

PROPERTY OWNER
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VISTA CA 92083

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VISTA CA 92083

PROPERTY OWNER
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VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #P18
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #P1A
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #P1-M
VISTA CA 92083

PROPERTY OWNER
APN 77163124
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VISTA CA 92083

PROPERTY OWNER
APN 77163124
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VISTA CA 92083

PROPERTY OWNER
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VISTA CA 92083

PROPERTY OWNER
APN 77163124
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VISTA CA 92083

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VISTA CA 92083

PROPERTY OWNER
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VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #P8
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #P9
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #PM1
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R1
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR#R11
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R13
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R15
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R17
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R3
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R5
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R7
VISTA CA 92083

PROPERTY OWNER
APN 77163124
510 N MELROSE DR #R9
VISTA CA 92083

PROPERTY OWNER
APN 16348006
514 DOVE CIR
VISTA CA 92083

PROPERTY OWNER
APN 16348009
520 DOVE CIR
VISTA CA 92083

PROPERTY OWNER
APN 16312206
545 N MELROSE DR
VISTA CA 92083

PROPERTY OWNER
APN 16312110
558 N MELROSE DR
VISTA CA 92083

PROPERTY OWNER
APN 16348001
1020 S SANTA FE AVE #C
VISTA CA 92084

PROPERTY OWNER
APN 16313001
2244 S SANTA FE AVE #B2
VISTA CA 92084

PROPERTY OWNER
APN 16250301
1220 ROSECRANS ST #320
SAN DIEGO CA 92106

PROPERTY OWNER
APN 16348002
4826 DIANE AVE
SAN DIEGO CA 92117

PROPERTY OWNER
APN 16069013
12275 EL CAMINO REAL #200
SAN DIEGO CA 92130

PROPERTY OWNER
APN 16069014
12275 EL CAMINO REAL #200
SAN DIEGO CA 92130

PROPERTY OWNER
APN 16069107
12275 EL CAMINO REAL #200
SAN DIEGO CA 92130

PROPERTY OWNER
APN 16312205
11217 WINDBROOK WAY
SAN DIEGO CA 92131

PROPERTY OWNER
APN 16151249
41775 ELM ST #101
MURRIETA CA 92562

PROPERTY OWNER
APN 16151252
41775 ELM ST #101
MURRIETA CA 92562

PROPERTY OWNER
APN 16312111
17300 RED HILL AVE #280
IRVINE CA 92614

PROPERTY OWNER
APN 16312112
17300 RED HILL AVE #280
IRVINE CA 92614

PROPERTY OWNER
APN 16057241
1 POLARIS WAY #100
ALISO VIEJO CA 92656

PROPERTY OWNER
APN 16250201
52 VISTA MONTEMAR
LAGUNA NIGUEL CA 92677

PROPERTY OWNER
APN 16151259
22466 BAYBERRY
MISSION VIEJO CA 92692

PROPERTY OWNER
APN 16151253
4636 VIA HUERTO
SANTA BARBARA CA 93110

PROPERTY OWNER
APN 16057121
1 DNA WAY
SOUTH SAN FRANCISCO CA
94080

PROPERTY OWNER
APN 16057122
1 DNA WAY
SOUTH SAN FRANCISCO CA
94080

PROPERTY OWNER
APN 16057123
1 DNA WAY
SOUTH SAN FRANCISCO CA
94080

PROPERTY OWNER
APN 16250327
333 LAKESIDE DR
FOSTER CITY CA 94404

PROPERTY OWNER
APN 16250203
8980 GRANT LINE RD
ELK GROVE CA 95624

PROPERTY OWNER
APN 16250302
P O BOX 956
WILSONVILLE OR 97070

PUBLIC REVIEW LOCATIONS

A copy of the application and any amendments may be inspected at the SDG&E business offices listed below:

436 H ST
CHULA VISTA, CA 91910

336 EUCLID AVE, STE 502
SAN DIEGO, CA 92114

104 N JOHNSON AVE
EL CAJON, CA 92020

440 BEECH ST
SAN DIEGO, CA 92101

644 W MISSION AVE
ESCONDIDO, CA 92025

2604-B EL CAMINO REAL
SAN DIEGO, CA 92008

2405 E PLAZA BLVD
NATIONAL CITY, CA 91950

APPENDIX D
List of Newspaper(s) Publishing the Notice of Application

**LIST OF NEWSPAPER(S) PUBLISHING
THE NOTICE OF PERMIT TO COSTRUCT**

The San Diego Union-Tribune
350 Camino de la Reina
San Diego, CA 92122-0191

APPENDIX E
Draft Declaration of Posting of Notice

DECLARATION OF POSTING (DRAFT)

I, Brian Roppe, am the Project Manager responsible for overseeing various aspects of substation, transmission, and distribution projects for San Diego Gas & Electric Company. On July _____, 2016, I posted along the project site for the proposed San Diego Gas & Electric Company's Ocean Ranch Substation Project with the Notice of Filing of an Application for a Permit to Construct filed with the California Public Utilities Commission, in accordance with the provisions of General Order 131-D, Section XI.A.3.

I declare under penalty of perjury that the foregoing statements are true and correct to the best of my knowledge.

Executed this ____ day of _____, 2016, at San Diego, California.

Brian Roppe
Project Manager – Major Projects
Representative, SDG&E

APPENDIX F
Magnetic Field Management Plan



Magnetic Field Management Plan

Ocean Ranch Substation

Project Engineer: **Chris Bolton**, Engineer I – Substation Engineering & Design

Work Order No.: **5986060**

In-Service Date: **September 2019 (estimated)**

Power Lines: **TL 6966, TL 6979**

Central File No.: **ELA 140.B.117**

Prepared by: **J. Turman (document)**

Sue Campbell (Substation checklist)

Date: 05/26/2015

Date: 05/27/2016

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I. Proposed Project Scope

In an effort to serve existing and anticipated customer-driven load and maintain reliability of the electrical distribution system, SDG&E proposes to construct a new distribution substation named Ocean Ranch Substation in the City of Oceanside on land owned by SDG&E. The power line loop-in of the proposed project ("Project") is located within existing SDG&E rights-of-way ("ROW") and franchise position within City of Oceanside public streets.

II. Magnetic Field Management Design Guidelines

Per California Public Utilities Commission ("Commission") EMF policy, SDG&E applies its *EMF¹ Design Guidelines for Electrical Facilities* ("Guidelines") to all new electric power line, transmission line and substation projects for possible reduction of public exposure to magnetic fields. SDG&E filed its Guidelines with the CPUC in accordance with CPUC Decision 93-11-013 and updated them in accordance with the 2006 CPUC Decision 06-01-042.

Consistent with SDG&E's Guidelines and the Commission orders, the proposed Ocean Ranch Substation Project was considered for possible implementation of magnetic field management measures.

Per SDG&E's Guidelines, magnetic field assessment referenced in this document does not include electric distribution lines.²

III. Methodology

The CPUC has noted that modeling is used to compare the relative effectiveness of field-reduction options "but does not measure actual environmental magnetic fields"³ and is not intended to "determine actual EMF amounts."⁴

In accordance with its Guidelines, SDG&E would take the following measures for the Proposed Project:

- Apply SDG&E's EMF Guidelines for power line facilities to the Proposed Project design.
- Identify and implement appropriate "no-cost" measures, i.e., those that will not increase overall project costs but will reduce the magnetic field levels.
- Identify and implement appropriate "low-cost" measures, i.e., those measures costing in the range of 4% of the total budgeted project cost that will reduce the magnetic field levels by 15% or more at the edge of the ROW.
- When a sufficiency of "low-cost" measures is available to reduce magnetic field levels, such that it is difficult to stay within the 4% cost guideline, apply these "low-cost" measures by priority, per the Guidelines.

The 15% minimum reduction required for low-cost measures is in addition to any field reduction due to "no-cost" measures. It is not cumulative.

¹ EMF refers to electric and magnetic fields.

² SDG&E EMF Design Guidelines for Electrical Facilities, p. 1: "For distribution facilities, utilities would apply no-cost and low-cost measures by integrating reduction measures into construction and design standards, rather than evaluating no-cost and low-cost measures for each project."

³ Ibid, p.11.

⁴ CPUC Decision D.06-01-042, Finding of Fact 14, p. 20.

The proposed Project requires permitting under General Order 131-D. Per SDG&E's Guidelines, the Magnetic Field Management Plan ("FMP") is limited to assessment of possible magnetic field reduction measures for the power line TL 6966 Loop-in and for the proposed Ocean Ranch Substation.

The FMP consists of a project description, tables showing evaluation of magnetic field reduction measures adopted or rejected, evaluation of "no-cost" and "low-cost" magnetic field reduction measures, and magnetic field modeling results. Additionally, per the Guidelines, construction of a new substation rated 50 kV and above requires the preparation of a substation FMP in a form of a checklist. Magnetic field modeling for the substation component of the proposed Project is not required.

This FMP deals solely with magnetic fields. Moreover, reducing the magnetic field strength is but one of many factors to be considered in planning and designing a transmission system, along with other issues such as safety, environmental concerns, reliability, insulation and electrical clearance requirements, aesthetics, cost, operations and maintenance.

Field levels were calculated using the EMF Workstation program developed and maintained by the Electric Power Research Institute. The rated high usage currents were used in the calculations. For the purpose of evaluating the field management measures, magnetic field levels were calculated and compared at a height of one meter above ground.

To evaluate the effectiveness of various magnetic field reduction measures, calculated values for a given measure were compared to calculated values without the measure. Since all power lines of the proposed Project are within SDG&E ROW or franchise position, magnetic field levels were calculated and compared at the adjacent parallel edges-of-ROW.

IV. Project Description

The proposed Project includes the following primary components:

Ocean Ranch Distribution Substation. Construct a new 69/12 kilovolt (kV) low-profile substation in the City of Oceanside. The substation will be named Ocean Ranch, have an initial capacity of 60 megavolt ampere (MVA) rating, and an ultimate capacity of 120 MVA.

Power Line TL 6966 Loop-in. TL 6966 is an existing underground 69 kV circuit which has termination points at San Luis Rey Substation (to the west) and Melrose Substation (to the east). It will be intercepted at the intersection of Avenida De La Plata and Avenida Del Oro and extended to the proposed Ocean Ranch Substation via the construction of an underground power line duct bank with a total length of approximately 1,500 feet. This will reconfigure the existing tie line into TL 6966 (San Luis Rey to Ocean Ranch) and TL 6979 (Ocean Ranch to Melrose).

12 kV Distribution System. Four new distribution circuits will be installed and will intercept four existing circuits. A portion of the existing circuits will be offloaded to the new Ocean Ranch circuits. Approximately 4,650 feet of new 12 kV distribution line will be constructed, most of which will be on the proposed Ocean Ranch Substation site.

V. Magnetic Field Reduction Measures Considered for the Power Line Loop-in Component of the Proposed Project

In accordance with section 2 of SDG&E's Guidelines, the following magnetic field reduction measures were considered for the loop-in portion of power lines TL 6966 and TL 6979:

1. Locating power lines closer to the centerline of the corridor.
2. Reducing conductor (phase) spacing.
3. Phasing circuits to reduce magnetic fields.
4. Increasing trench depth.

Per Table 3-1 of the Guidelines, the loop-in component was reviewed for possible application of these magnetic field reduction measures as described in Tables 1 and 2 below.

Table 1. Magnetic Field Reduction Measures Considered, Adopted and Rejected

The loop-in component is within existing ROW and city streets (franchise); adjacent land use is Commercial/Industrial.

Reduction Measure	Estimated Cost to Adopt	Measure Adopted?	Reason(s) if not adopted
Locate power lines closer to center of the utility corridor to extent possible	No-Cost	Yes, as possible	Dependent on location of other utilities within the roadway and separation requirements
Phase circuits to reduce magnetic fields	No-Cost	Yes	N/A
Reduce conductor (phase) spacing	No-Cost	No	Design uses optimum phase spacing
Increase trench depth	Low-Cost	Yes	N/A

Table 2. Reasons Magnetic Field Reduction Measures Were Adopted or Rejected

As identified in Table 1, two no-cost and one low-cost magnetic field reduction measures were recommended for the proposed Project loop-in segment. Table 2 provides the rationale for adoption or rejection of those measures which were considered.

Reduction Measure	Reason(s) Reduction Measure Was Adopted or Rejected
Locate power lines closer to center of the utility corridor to extent possible	This no-cost magnetic field reduction measure would be adopted to the extent possible dependent on the location of other utilities within the roadway and requirements for separation from other utilities.
Phase circuits to reduce magnetic fields	This no-cost magnetic field reduction measure would be adopted by using SDG&E's standard phasing (like phasing, top-to-bottom), since the direction of power flow on TL 6966 is opposite the direction of power flow on TL 6979.
Reduce conductor (phase) spacing	This measure was rejected since the design uses optimum phase spacing.
Increase trench depth	This low-cost magnetic field reduction measure would be adopted since (1) calculations show that the minimum 15% decrease in milligauss values could be achieved at the edge of right-of-way (ROW), and (2) the cost of greater trench depth was within the 4% range of the total project cost.

VI. Calculated Magnetic Field Values for the Power Line Loop-in Component of the Proposed Project

Table 3 below shows magnetic field values in milligauss for the initial design and for the no-cost and low-cost reduction measures recommended for adoption for the loop-in component of the proposed Project, per Tables 1 and 2.

First, magnetic fields were calculated comparing values for reverse phasing (A-B-C/C-B-A top to bottom) with standard phasing (A-B-C/A-B-C top to bottom). Since the power flow directions on TL 6966 and TL 6979 are opposing, standard phasing resulted in the lower calculated values.

Second, based on using standard phasing, magnetic fields were calculated comparing values for an increase in trench depth to six (6) feet of cover from the top of the duct package with values for SDG&E's standard depth of three (3) feet of cover.

Calculations are based on the underground duct package being centered in the ROW. The exact placement of the duct package is subject to adjustment dependent on the location of other utilities within the roadway and requirements for separation from other utilities.

Table 3. Calculated Magnetic Field Values* for Proposed Project Underground Loop-in

Standard Phasing with Opposing Power Flows (A-B-C/A-B-C)		Reverse Phasing with Opposing Power Flows (A-B-C/C-B-A)	
West ROW	East ROW	West ROW	East ROW
2.53	2.53	16.18	16.18

Standard Trench Depth (3' Cover) w/ Standard Phasing		Add'l Trench Depth (6' Cover) w/ Standard Phasing		Percent Reduction Standard Depth vs Add'l Depth	
West ROW	East ROW	West ROW	East ROW	West ROW	East ROW
2.53	2.53	1.16	1.16	54%	54%

* Calculated values are for design comparison only and not meant to predict actual magnetic field levels.

VII. Checklist Magnetic Field Management Plan for the Substation Component of the Project

Generally, magnetic field values along the substation perimeter are low compared to the substation interior because of the distance to the energized equipment. Normally, the highest values of magnetic fields around the perimeter of a substation are caused by overhead power lines and underground duct banks entering and leaving the substation, and not by substation equipment. Therefore, the magnetic field reduction measures generally applicable to a substation project are as follows:

- Site selection for a new substation;
- Setback of substation structures and major substation equipment (such as bus, transformers, and underground cable duct banks, etc.) from perimeter;
- Field reduction for transmission lines entering and exiting the substation.

The Substation Checklist FMP evaluates the no-cost and low-cost measures considered for the substation project, the measures adopted, and reasons that certain measures were not adopted.

No.	No-Cost and Low-Cost Magnetic Field Reduction Measures Evaluated for a Substation Project	Measure Adopted? (Yes/No)	Reason(s) if not Adopted
1	Keep high current devices, transformers, capacitors, and reactors, away from the substation property lines by bringing into the substation property as much as possible.	Yes	
2	For underground duct banks, the minimum distance should be 12 feet from the adjacent property lines or to the extent practical.	Yes	
3	Locate new substations close to existing transmission line rights-of-way to the extent practical.	Yes	
4	Increase the substation property boundary to the extent practical.	Yes	
5	Other:		

Prepared By:

S.C. Campbell
Substation Engineering Team Lead

Date:

May 27, 2016

Appendix – Overview Map of Proposed Ocean Ranch Substation Project



LEGEND

Proposed Project

- Proposed Ocean Ranch Substation
- Pulling Site
- Staging Yard
- Monopole

Underground 69 kV Power Line

- Existing
- Proposed

Underground 69 kV Power Line Vault

- Proposed

Underground 12 kV Distribution Line

- Proposed

Underground 12 kV Distribution Line Manhole/Handhole

- Proposed Handhole
- Proposed Manhole

The inset map shows the project location within the San Clemente area, including cities like San Clemente, MCB Camp Pendleton, Fallbrook, Vista, Encinitas, Escondido, Poway, Solana Beach, and Carlsbad. Major roads like I-5, I-805, and SR-78 are also shown.

Metres

0 50

Feet

0 200

APPENDIX G
Financial Statements

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

	2016
1. UTILITY PLANT	
101 UTILITY PLANT IN SERVICE	\$14,683,493,999
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	902,203,064
108 ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(4,653,664,568)
111 ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(563,526,796)
114 ELEC PLANT ACQUISITION ADJ	3,750,722
115 ACCUM PROVISION FOR AMORT OF ELECTRIC PLANT ACQUIS ADJ	(1,062,704)
118 OTHER UTILITY PLANT	1,031,465,675
119 ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF OTHER UTILITY PLANT	(246,902,585)
120 NUCLEAR FUEL - NET	-
	11,252,258,535
2. OTHER PROPERTY AND INVESTMENTS	
121 NONUTILITY PROPERTY	5,946,616
122 ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION	(364,300)
158 NON-CURRENT PORTION OF ALLOWANCES	167,055,023
123 INVESTMENTS IN SUBSIDIARY COMPANIES	-
124 OTHER INVESTMENTS	-
125 SINKING FUNDS	-
128 OTHER SPECIAL FUNDS	1,082,384,606
175 LONG-TERM PORTION OF DERIVATIVE ASSETS	53,638,788
	1,308,660,733

Data from SPL as of March 31, 2016

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

3. CURRENT AND ACCRUED ASSETS		2016
131	CASH	11,911,782
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	500
136	TEMPORARY CASH INVESTMENTS	14,800,000
141	NOTES RECEIVABLE	-
142	CUSTOMER ACCOUNTS RECEIVABLE	246,458,360
143	OTHER ACCOUNTS RECEIVABLE	18,405,734
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(4,463,538)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	129
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	713,889
151	FUEL STOCK	2,528,935
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	104,944,995
156	OTHER MATERIALS AND SUPPLIES	-
158	ALLOWANCES	184,677,817
158	LESS: NON-CURRENT PORTION OF ALLOWANCES	(167,055,023)
163	STORES EXPENSE UNDISTRIBUTED	-
164	GAS STORED	371,420
165	PREPAYMENTS	48,862,398
171	INTEREST AND DIVIDENDS RECEIVABLE	714,938
173	ACCRUED UTILITY REVENUES	58,392,000
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	2,294,000
175	DERIVATIVE INSTRUMENT ASSETS	103,257,871
175	LESS: LONG -TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS	(53,638,788)
	TOTAL CURRENT AND ACCRUED ASSETS	573,177,419
4. DEFERRED DEBITS		
181	UNAMORTIZED DEBT EXPENSE	30,851,017
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	3,127,798,467
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	4,659,894
184	CLEARING ACCOUNTS	1,253,225
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	38,094,044
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	11,613,869
190	ACCUMULATED DEFERRED INCOME TAXES	279,123,296
	TOTAL DEFERRED DEBITS	3,493,393,812
	TOTAL ASSETS AND OTHER DEBITS	16,627,490,499

Data from SPL as of March 31, 2016

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

5. PROPRIETARY CAPITAL

		2016
201	COMMON STOCK ISSUED	(\$291,458,395)
204	PREFERRED STOCK ISSUED	-
207	PREMIUM ON CAPITAL STOCK	(591,282,978)
210	GAIN ON RETIRED CAPITAL STOCK	-
211	MISCELLANEOUS PAID-IN CAPITAL	(479,665,369)
214	CAPITAL STOCK EXPENSE	24,605,640
216	UNAPPROPRIATED RETAINED EARNINGS	(4,021,284,648)
219	ACCUMULATED OTHER COMPREHENSIVE INCOME	7,733,656
	TOTAL PROPRIETARY CAPITAL	(5,351,352,094)

6. LONG-TERM DEBT

221	BONDS	(3,971,791,000)
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	9,566,595
	TOTAL LONG-TERM DEBT	(4,015,876,676)

7. OTHER NONCURRENT LIABILITIES

227	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	(620,878,301)
228.2	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	(28,654,196)
228.3	ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	(221,479,501)
228.4	ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	-
244	LONG TERM PORTION OF DERIVATIVE LIABILITIES	(82,116,340)
230	ASSET RETIREMENT OBLIGATIONS	(806,027,727)
	TOTAL OTHER NONCURRENT LIABILITIES	(1,759,156,065)

Data from SPL as of March 31, 2016

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

8. CURRENT AND ACCRUED LIABILITES		2016
231	NOTES PAYABLE	(112,191,582)
232	ACCOUNTS PAYABLE	(340,381,974)
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	(49,425,075)
235	CUSTOMER DEPOSITS	(71,095,860)
236	TAXES ACCRUED	(89,986,580)
237	INTEREST ACCRUED	(43,746,193)
238	DIVIDENDS DECLARED	-
241	TAX COLLECTIONS PAYABLE	(9,861,449)
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(143,181,811)
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	(40,868,716)
244	DERIVATIVE INSTRUMENT LIABILITIES	(121,029,339)
244	LESS: LONG-TERM PORTION OF DERIVATIVE LIABILITIES	82,116,340
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	-
TOTAL CURRENT AND ACCRUED LIABILITIES		(939,652,239)
9. DEFERRED CREDITS		
252	CUSTOMER ADVANCES FOR CONSTRUCTION	(49,470,511)
253	OTHER DEFERRED CREDITS	(344,890,861)
254	OTHER REGULATORY LIABILITIES	(1,397,635,231)
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(19,507,437)
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	-
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	(2,074,560,686)
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	(675,388,699)
TOTAL DEFERRED CREDITS		(4,561,453,425)
TOTAL LIABILITIES AND OTHER CREDITS		(\$16,627,490,499)

Data from SPL as of March 31, 2016

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
THREE MONTHS ENDED March 31, 2016

1. UTILITY OPERATING INCOME

400	OPERATING REVENUES		\$1,056,048,826
401	OPERATING EXPENSES	\$604,710,107	
402	MAINTENANCE EXPENSES	36,147,843	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	151,685,889	
408.1	TAXES OTHER THAN INCOME TAXES	33,450,105	
409.1	INCOME TAXES	52,346,900	
410.1	PROVISION FOR DEFERRED INCOME TAXES	52,797,143	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(34,931,414)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	778,506	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	-	
	TOTAL OPERATING REVENUE DEDUCTIONS		896,985,079
	NET OPERATING INCOME		159,063,747

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	9,169	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	2,409,707	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	11,002,316	
421	MISCELLANEOUS NONOPERATING INCOME	113,192	
421.1	GAIN ON DISPOSITION OF PROPERTY	-	
	TOTAL OTHER INCOME	13,544,615	
421.2	LOSS ON DISPOSITION OF PROPERTY	-	
425	MISCELLANEOUS AMORTIZATION	62,512	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	(314,880)	
	TOTAL OTHER INCOME DEDUCTIONS	(252,368)	
408.2	TAXES OTHER THAN INCOME TAXES	158,814	
409.2	INCOME TAXES	(208,331)	
410.2	PROVISION FOR DEFERRED INCOME TAXES	1,837,327	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(519,862)	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	1,267,948	
	TOTAL OTHER INCOME AND DEDUCTIONS		12,529,035
	INCOME BEFORE INTEREST CHARGES		171,592,782
	EXTRAORDINARY ITEMS AFTER TAXES		0
	NET INTEREST CHARGES*		43,170,912
	NET INCOME		\$128,421,870

*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (\$3,572,874)

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
THREE MONTHS ENDED March 31, 2016

3. RETAINED EARNINGS

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$3,892,862,778
NET INCOME (FROM PRECEDING PAGE)	128,421,870
DIVIDEND TO PARENT COMPANY	-
DIVIDENDS DECLARED - PREFERRED STOCK	0
OTHER RETAINED EARNINGS ADJUSTMENTS	0
RETAINED EARNINGS AT END OF PERIOD	<u><u>\$4,021,284,648</u></u>

SAN DIEGO GAS & ELECTRIC COMPANY
FINANCIAL STATEMENT
Mar 31,2016

(a) Amounts and Kinds of Stock Authorized:			
Common Stock	255,000,000	shares	Without Par Value
Amounts and Kinds of Stock Outstanding:			
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. 08-07-029,10-10-023 and 12-03-005 to which references are hereby made.

(c) Number and Amount of Bonds Authorized and Issued:

	Nominal Date of Issue	Par Value Authorized and Issued	Outstanding	Interest Paid in 2015
First Mortgage Bonds:				
Var% Series OO, due 2027	12-01-92	105,000,000	105,000,000	7,002,188
5.875% Series VV, due 2034	06-17-04	43,615,000	43,615,000	2,562,381
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	38,865,741	38,865,741	1,847,542
Total 1st. Mortgage Bonds:			3,796,370,741	170,265,647
Total Bonds:				
				170,265,647
1.050% Commercial Paper	11-19-15	53,650,000	53,650,000	18,777

SAN DIEGO GAS & ELECTRIC COMPANY
FINANCIAL STATEMENT
Mar 31/2016

Other Indebtedness:	Date of Issue	Date of Maturity	Interest Rate	Outstanding	Interest Paid 2016
Commercial Paper & ST Bank	Various	Various	Various	112,200,000	\$115,610

Amounts and Rates of Dividends Declared:

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

Preferred Stock	Shares Outstanding 12-31-14					
		2012	2013	2014	2015	2016
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	873,800	-	-	-
Total	-	\$4,819,668	\$3,614,751	-	-	-

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

NOTE 11 PREFERRED STOCK 10K:

On October 15, 2013, SDG&E redeemed all six series of its outstanding shares of contingently r edeemable 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 three months ended Mar 31, 2016 are attached hereto.

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

SAN DIEGO GAS & ELECTRIC COMPANY

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

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
ELECTRIC DEPARTMENT			
302	Franchises and Consents	222,841.36	202,900.30
303	Misc. Intangible Plant	<u>145,901,807.61</u>	<u>66,837,576.31</u>
	TOTAL INTANGIBLE PLANT	<u>146,124,648.97</u>	<u>67,040,476.61</u>
310.1	Land	14,526,518.29	46,518.29
310.2	Land Rights	0.00	0.00
311	Structures and Improvements	95,276,998.62	40,135,012.31
312	Boiler Plant Equipment	166,576,622.04	68,278,353.40
314	Turbogenerator Units	131,184,022.25	46,015,051.25
315	Accessory Electric Equipment	85,639,625.51	33,175,858.09
316	Miscellaneous Power Plant Equipment	43,729,691.33	9,612,910.28
	Steam Production Decommissioning	<u>0.00</u>	<u>0.00</u>
	TOTAL STEAM PRODUCTION	<u>536,933,478.04</u>	<u>197,263,703.62</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	26,982,318.72	2,370,893.39
324	Accessory Electric Equipment	10,879,379.45	1,458,232.53
325	Miscellaneous Power Plant Equipment	147,106,992.40	48,807,803.51
101	SONGS PLANT CLOSURE GROSS PLANT- ⁽¹⁾	<u>(417,488,177.46)</u>	<u>(76,957,383.29)</u>
	TOTAL NUCLEAR PRODUCTION	<u>0.00</u>	<u>0.00</u>
340.1	Land	143,475.87	0.00
340.2	Land Rights	56,032.61	7,528.15
341	Structures and Improvements	22,703,423.92	6,483,404.82
342	Fuel Holders, Producers & Accessories	20,348,101.38	6,855,207.38
343	Prime Movers	87,218,053.23	31,288,365.05
344	Generators	341,118,596.19	123,916,661.57
345	Accessory Electric Equipment	32,506,374.56	11,547,095.01
346	Miscellaneous Power Plant Equipment	<u>26,173,720.53</u>	<u>12,360,778.26</u>
	TOTAL OTHER PRODUCTION	<u>530,267,778.29</u>	<u>192,459,040.24</u>
	TOTAL ELECTRIC PRODUCTION	<u>1,067,201,256.33</u>	<u>389,722,743.86</u>

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
350.1	Land	68,236,691.07	0.00
350.2	Land Rights	155,903,600.98	19,008,117.61
352	Structures and Improvements	422,268,525.71	58,310,114.73
353	Station Equipment	1,288,766,208.96	247,189,580.47
354	Towers and Fixtures	895,468,715.59	147,934,736.53
355	Poles and Fixtures	434,731,381.54	83,900,958.95
356	Overhead Conductors and Devices	548,654,228.87	213,477,692.06
357	Underground Conduit	338,999,817.42	47,416,609.99
358	Underground Conductors and Devices	359,423,830.86	47,423,489.73
359	Roads and Trails	310,881,529.51	24,515,228.19
101	SONGS PLANT CLOSURE GROSS PLANT-	0.00	0.00
	TOTAL TRANSMISSION	4,823,334,530.51	889,176,528.26
360.1	Land	16,176,227.80	0.00
360.2	Land Rights	83,879,730.37	39,277,739.99
361	Structures and Improvements	4,052,121.69	1,741,733.74
362	Station Equipment	487,241,185.89	149,786,501.79
363	Storage Battery Equipment	37,677,978.94	3,773,499.79
364	Poles, Towers and Fixtures	648,141,433.52	259,221,193.75
365	Overhead Conductors and Devices	576,599,251.10	197,251,325.97
366	Underground Conduit	1,114,550,059.58	445,301,025.11
367	Underground Conductors and Devices	1,432,920,973.82	862,302,480.05
368.1	Line Transformers	578,114,681.73	123,347,655.72
368.2	Protective Devices and Capacitors	27,024,177.57	(1,151,658.64)
369.1	Services Overhead	137,753,973.62	120,627,947.31
369.2	Services Underground	336,025,460.82	236,341,348.18
370.1	Meters	192,325,942.90	68,488,791.11
370.2	Meter Installations	55,740,594.07	17,701,732.04
371	Installations on Customers' Premises	8,077,572.65	10,646,537.15
373.1	St. Lighting & Signal Sys.-Transformers	0.00	0.00
373.2	Street Lighting & Signal Systems	28,422,230.46	19,113,306.01
	TOTAL DISTRIBUTION PLANT	5,764,723,596.53	2,553,771,159.07
389.1	Land	7,312,142.54	0.00
389.2	Land Rights	0.00	0.00
390	Structures and Improvements	33,202,053.82	23,813,181.77
392.1	Transportation Equipment - Autos	0.00	49,884.21
392.2	Transportation Equipment - Trailers	58,145.67	11,611.78
393	Stores Equipment	8,545.97	8,221.03
394.1	Portable Tools	24,049,568.48	7,955,326.21
394.2	Shop Equipment	341,135.67	247,417.36
395	Laboratory Equipment	5,153,976.36	296,854.83
396	Power Operated Equipment	60,528.93	117,501.67
397	Communication Equipment	251,795,488.40	93,495,947.92
398	Miscellaneous Equipment	5,390,996.68	750,842.15
	TOTAL GENERAL PLANT	327,372,582.52	126,746,788.93
101	TOTAL ELECTRIC PLANT	12,128,756,614.86	4,026,457,696.73

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
GAS PLANT			
302	Franchises and Consents	86,104.20	86,104.20
303	Miscellaneous Intangible Plant	0.00	0.00
	TOTAL INTANGIBLE PLANT	86,104.20	86,104.20
360.1	Land	0.00	0.00
361	Structures and Improvements	43,992.02	43,992.02
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	1,007,373.45
	TOTAL STORAGE PLANT	2,096,606.26	1,051,365.47
365.1	Land	4,649,143.75	0.00
365.2	Land Rights	2,232,291.80	1,357,795.43
366	Structures and Improvements	12,684,821.80	9,897,072.12
367	Mains	218,940,028.06	70,226,376.92
368	Compressor Station Equipment	84,021,747.30	67,796,061.01
369	Measuring and Regulating Equipment	20,866,236.10	16,562,070.35
371	Other Equipment	117,058.52	384.84
	TOTAL TRANSMISSION PLANT	343,511,327.33	165,839,760.67
374.1	Land	102,187.24	0.00
374.2	Land Rights	8,310,094.44	6,759,022.93
375	Structures and Improvements	43,446.91	61,253.10
376	Mains	711,938,207.12	358,291,037.69
378	Measuring & Regulating Station Equipment	18,050,528.76	7,729,930.91
380	Distribution Services	256,829,553.29	295,486,051.91
381	Meters and Regulators	154,779,004.07	50,201,330.16
382	Meter and Regulator Installations	93,945,955.84	36,696,658.69
385	Ind. Measuring & Regulating Station Equipment	1,516,810.70	1,179,491.09
386	Other Property On Customers' Premises	0.00	0.00
387	Other Equipment	5,223,271.51	4,951,052.77
	TOTAL DISTRIBUTION PLANT	1,250,739,059.88	761,355,829.25

<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	8,381,539.27	3,787,140.01
394.2	Shop Equipment	76,864.06	50,805.70
395	Laboratory Equipment	283,093.66	275,094.95
396	Power Operated Equipment	16,162.40	5,632.92
397	Communication Equipment	2,653,461.10	944,081.58
398	Miscellaneous Equipment	473,380.31	50,527.87
	TOTAL GENERAL PLANT	11,959,001.35	5,213,286.71
101	TOTAL GAS PLANT	1,608,392,099.02	933,546,346.30
COMMON PLANT			
303	Miscellaneous Intangible Plant	353,436,261.42	218,406,522.42
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	342,932,767.20	141,074,796.67
391.1	Office Furniture and Equipment - Other	28,312,292.58	13,708,481.17
391.2	Office Furniture and Equipment - Computer E	44,796,514.81	25,207,559.45
392.1	Transportation Equipment - Autos	101,975.09	(338,930.17)
392.2	Transportation Equipment - Trailers	12,195.98	5,107.32
393	Stores Equipment	58,941.18	45,644.64
394.1	Portable Tools	1,232,026.51	327,779.51
394.2	Shop Equipment	191,385.80	120,629.78
394.3	Garage Equipment	1,355,820.46	129,767.86
395	Laboratory Equipment	1,971,454.79	913,191.60
396	Power Operated Equipment	0.00	(192,979.10)
397	Communication Equipment	188,450,190.66	64,885,351.92
398	Miscellaneous Equipment	1,202,415.17	429,094.86
118.1	TOTAL COMMON PLANT	972,304,117.36	464,749,794.27
	TOTAL ELECTRIC PLANT	12,128,756,614.86	4,026,457,696.73
	TOTAL GAS PLANT	1,608,392,099.02	933,546,346.30
	TOTAL COMMON PLANT	972,304,117.36	464,749,794.27
101 & 118.1	TOTAL	14,709,452,831.24	5,424,753,837.30
101	PLANT IN SERV-SONGS FULLY RECOVER	0.00	0.00
101	PLANT IN SERV-ELECTRIC NON-RECON		
	Electric	(2,540,241.64)	0.00
	Gas	0.00	0.00
		(2,540,241.64)	0.00

<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
101	PLANT IN SERV-ASSETS HELD FOR SALE		
	Electric	0.00	0.00
	Common	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
101	PLANT IN SERV-LEGACY METER RECLASS		
	Electric	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
101	PLANT IN SERV-PP TO SAP OUT OF BAL		
	Electric	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
118	PLANT IN SERV-COMMON NON-RECON		
	Common - Transferred Asset Adjustment	(1,627,745.96)	(1,627,745.96)
		<u>(1,627,745.96)</u>	<u>(1,627,745.96)</u>
101	Accrual for Retirements		
	Electric	(5,217,980.19)	(5,217,980.19)
	Gas	(149,967.28)	(149,967.28)
		<u>(5,367,947.47)</u>	<u>(5,367,947.47)</u>
	TOTAL PLANT IN SERV-ACCRUAL FOR RE		
		<u>(5,367,947.47)</u>	<u>(5,367,947.47)</u>
102	Electric	0.00	0.00
	Gas	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
	TOTAL PLANT PURCHASED OR SOLD	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
104	Electric	85,194,000.02	12,150,829.74
	Gas	0.00	0.00
		<u>85,194,000.02</u>	<u>12,150,829.74</u>
	TOTAL PLANT LEASED TO OTHERS	85,194,000.02	12,150,829.74
		<u>85,194,000.02</u>	<u>12,150,829.74</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	11,307,727.50	0.00
		<u>11,307,727.50</u>	<u>0.00</u>
107	Construction Work in Progress		
	Electric	715,022,954.06	
	Gas	187,180,109.42	
	Common	55,708,151.56	
		<u>957,911,215.04</u>	<u>0.00</u>
	TOTAL CONSTRUCTION WORK IN PROGRESS	957,911,215.04	0.00
		<u>957,911,215.04</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	1,083,514,894.18
	TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING	0.00	1,083,514,894.18
101.1	ELECTRIC CAPITAL LEASES	852,823,281.00	191,694,013.00
118.1	COMMON CAPITAL LEASE	20,432,929.23	19,815,180.54
		873,256,210.23	211,509,193.54
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	(1,079,800,736.14)
	SONGS Plant Closure - FAS 143 contra	0.00	0.00
	FIN 47 ASSETS - Non-Legal Obligation	63,597,846.29	30,480,210.14
143	FAS 143 ASSETS - Legal Obligation	0.00	(1,404,786,185.35)
	TOTAL FAS 143	64,977,697.29	(2,454,106,711.35)
	UTILITY PLANT TOTAL	16,692,563,746.25	4,270,826,349.98

**SAN DIEGO GAS & ELECTRIC COMPANY
SUMMARY OF EARNINGS
THREE MONTHS ENDED March 31, 2016
(DOLLARS IN MILLIONS)**

<u>Line No.</u>	<u>Item</u>	<u>Amount</u>
1	Operating Revenue	\$1,056
2	Operating Expenses	<u>897</u>
3	Net Operating Income	<u><u>\$159</u></u>
4	Weighted Average Rate Base	\$7,592
5	Rate of Return*	7.79%

*Authorized Cost of Capital

APPENDIX H
Estimated Project Costs

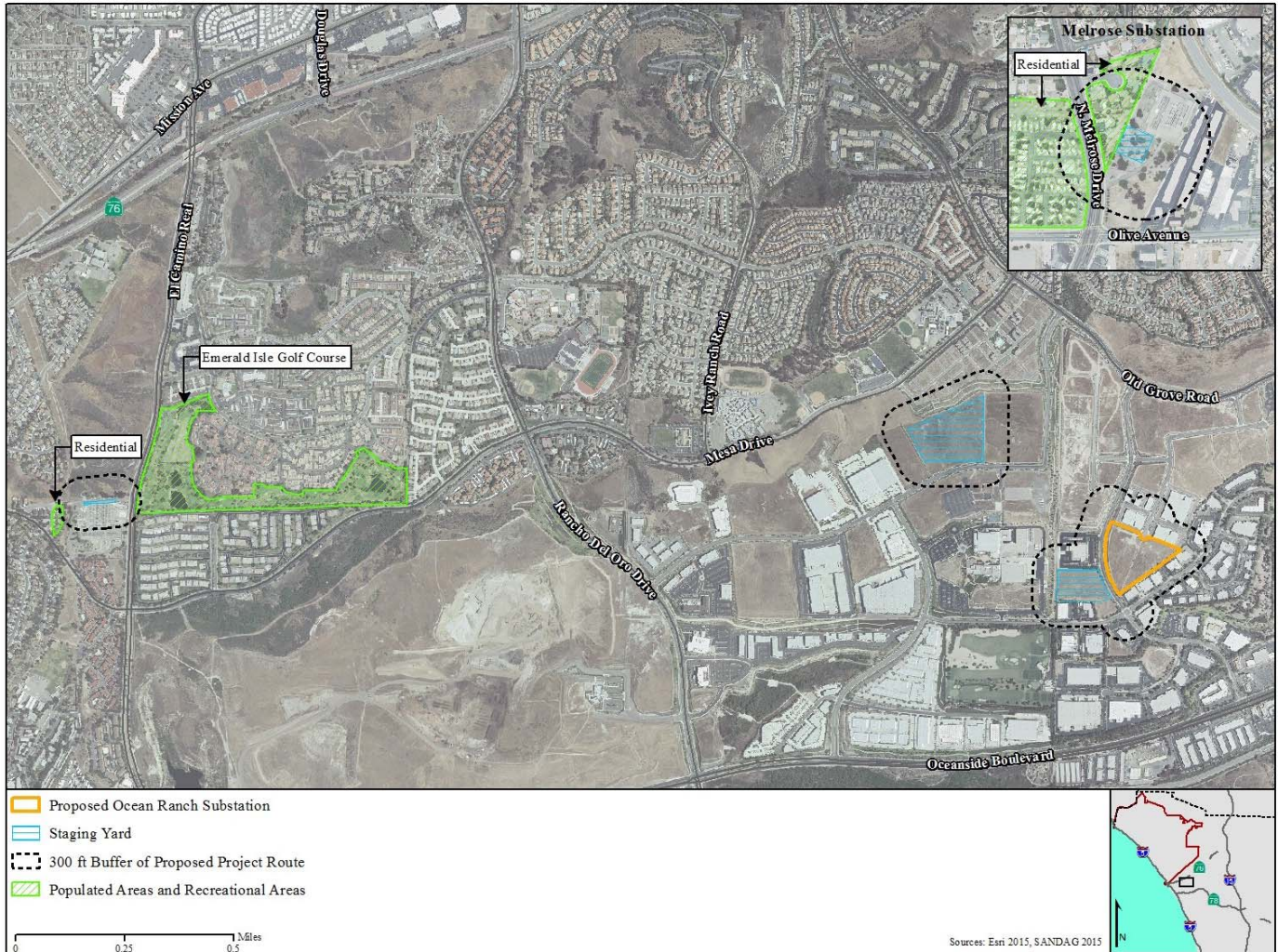
**San Diego Gas & Electric Company (SDG&E) Ocean Ranch Substation
Estimated Project Costs**

Ocean Ranch Substation Approximate Cost*: \$72,400,000

* All costs are approximate and based on preliminary engineering. Final costs will be determined based on approved final project scope and contracting costs.

APPENDIX I
Map of Proposed Project Location

Ocean Ranch Substation Project Map



APPENDIX J
List of Governmental Agencies Consulted and Statement of Position



CITY OF OCEANSIDE

Economic & Community Development

City of Oceanside
Economic Development Department
300 North Coast Highway
Oceanside, CA 92054

California Public Utilities Commission Headquarters
Edward Randolph, Energy Division Director
505 Van Ness Avenue
San Francisco, CA 94102

April 1, 2014

Re: Proposed Ocean Ranch Substation
San Diego Gas & Electric Application

Dear Mr. Randolph,

Thank you for the opportunity to comment on San Diego Gas & Electric (SDG&E)'s proposed Ocean Ranch Substation within the City of Oceanside. As Oceanside's Economic Development Manager, I represent the City on business recruitment and retention within the City of Oceanside, and work with SDG&E on items such as electric supply and reliability, including the new infrastructure to support the needs in Oceanside.

The purpose of the Proposed Ocean Ranch Substation is to improve reliability, support existing and forecasted customer-driven electric load growth, and decrease disruption of service to existing customers in our City. We understand that the California Public Utilities Commission (CPUC) has final jurisdiction and approval authority over this project, and the City wanted to include our thoughts on the proposed project and site within the Application record.

The Economic Development department worked closely with SDG&E early on to determine the ideal site for this Substation. Several departments within SDG&E reached out to us early within the project to ensure the City's concerns were addressed and our needs met for a site. We sincerely appreciate that SDG&E included us on this important project in a very early stage. While other sites may be compelling, the final site selected (Pacific Coast Business Park Parcel 16 and 17) is in the best interests of our constituents and the City overall.

Please feel free to contact me with any questions.

Sincerely,

Tracey Bohlen
Economic Development Manager
City of Oceanside
760-435-3351
760-435-6061 Fax
tbohlen@ci.oceanside.ca.us

DECLARATION OF SERVING A WRITTEN REQUEST FOR A BRIEF POSITION STATEMENT

I, Duane Cave, am an External Relations Manager responsible for managing community outreach for San Diego Gas & Electric Company (SDG&E). In accordance with the provisions of General Order 131-D, Section IX.B.1.d., I made a written request for a brief position statement by the agencies listed below concerning the proposed project described in this Application for a Permit to Construct SDG&E's Ocean Ranch Substation Project filed with the California Public Utilities Commission. SDG&E has received a correspondence from the agency, which is attached to this declaration.

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

Executed on this 25th day of July, 2016, at San Juan Capistrano, California.



Duane D. Cave

External Relations Manager, SDG&E

List of Agencies:

California Native American Heritage Commission

City of Oceanside

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

In The Matter of the Application of SAN DIEGO GAS
& ELECTRIC COMPANY (U 902 E) for a Permit to
Construct The Ocean Ranch Substation Project

Application 16-07-_____

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure and General Order 131-D, Section XI.3.,¹ I have this day served a true copy of the **APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E) FOR A PERMIT TO CONSTRUCT THE OCEAN RANCH SUBSTATION PROJECT (VOLUME I OF II)** has been electronically mailed and copies were also sent via Federal Express to Allison Brown, Public Advisor of the California Public Utilities Commission, and Edward Randolph, Director of the Energy Division of the California Public Utilities Commission.

Executed this 27th day of July 2016 at San Diego, California.

By: /s/ Jenny Norin
Jenny Norin

SERVICE LISTS:

Allison Brown
Public Advisor of the California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Edward Randolph
Director of the Energy Division of the California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

¹ GO 131-D, Section XI.3. references the "CACD" for the Commission's Advisory and Compliance Division, which is now identified by the Commission's individual industry Divisions, (e.g., Energy Division).