

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



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In The Matter of the Application of SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E) for a Permit to Construct The Tie Line 649 Wood-to-Steel Replacement Project

Application 15-08-\_\_\_\_\_

**APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E)  
FOR A PERMIT TO CONSTRUCT THE TIE LINE 649 WOOD-TO-STEEL  
REPLACEMENT PROJECT**

**(VOLUME I OF II)**

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**August 10, 2015**

#299167

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REPLACEMENT PROJECT**

**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 Tie Line 649 Wood-to-Steel Replacement Project (Proposed Project). As set forth in the accompanying Proponent’s Environmental Assessment (PEA), the Proposed Project is needed to reconstruct a portion of TL 649 to include fire-hardening components—namely, the replacement of existing wood poles with new steel poles that meet current design standards. Addressing the overall fire threat and service reliability concerns is the overall purpose of the Proposed Project. 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.<sup>1</sup>

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<sup>1</sup> 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 issue an expedited *ex parte* decision 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 San Diego County, California, approximately 12 miles southeast of downtown San Diego and approximately 1.5 miles north of the United States- (U.S.-) Mexico border. The Proposed Project traverses the City of Chula Vista, the City of San Diego, and unincorporated San Diego County. The location of the Proposed Project is depicted in Figure 3-1: *Project Location Map*, Volume II of this application.

The portion of TL 649 that will be replaced is approximately seven miles in length and between pole locations 1 and 117, as depicted in Attachment 3-A: *Detailed Route Map*, Volume II of this application. TL 649 extends farther than the Proposed Project alignment; however, wood-to-steel replacement will only occur on this portion of the power line. Replacement poles will be placed within SDG&E's existing alignment. Land uses along the Proposed Project route include residential, recreation, institutional, open space, public lands, rural lands, and utility corridors. Additional discussion of land uses in the vicinity of the Proposed Project is provided in 3of the PEA, Volume II of this application.

## **B. Project Objectives**

The fundamental objective of the Proposed Project is to increase the fire safety and service reliability of TL 649, which is located in an area of high fire risk. Basic objectives of the Proposed Project include the following:

- Objective 1: Increase the fire safety and service reliability of TL 649;
- Objective 2: Minimize potential adverse environmental effects;
- Objective 3: Locate proposed facilities within existing utility corridors to the extent feasible.

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

## **C. Project Description**

The Proposed Project will replace existing wood structures with new galvanized steel poles along a portion of TL 649, a 69-kilovolt (kV) single-circuit power line, from approximately Black Coral Way and Sea Lavender Way for approximately five miles to the east, then approximately two miles south towards Otay Mesa Road. The existing power line conductor will be transferred to the new steel poles, except for a portion of the power line that is underground under State Route-125, which will be returned to the original overhead configuration with new conductor. A portion of TL 649 includes 12 kV distribution underbuild. A portion of the existing underbuilt conductor will be transferred to the new poles and a portion will be recondored as part of the Proposed Project. The Proposed Project includes the following main components:

- Wood-to-Steel Replacement;
- Underground Distribution Line Intercepts;
- Underground to Overhead Conversion;

- Access Road Modifications.

These components are described in greater detail in Chapter 3, *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:<sup>2</sup>

##### **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

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<sup>2</sup> Although not specifically discussed herein, SDG&E's Application also complies as necessary to 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").

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 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  
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Tel: (858) 654-1804  
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[ATrial@semprautilities.com](mailto:ATrial@semprautilities.com)

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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 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:

<b><u>ACTION</u></b>	<b><u>DATE</u></b>
Application filed	August 10, 2015
Provide Notice of Filing of Application by direct mail, advertisement and on-site posting	August 20, 2015 (Within 10 days after filing)
File a Declaration of Mailing and Posting	September, 2015 (Within 5 days of completion)
Application Completeness Determination	September 9, 2015 (30 days after Application filed)
Last Date for Protest and Request for Public Hearings	September 21, 2015 (30 days after notice <sup>3</sup> )
Draft CEQA Document Issued for Public Comment	November 23, 2015 (105 days)

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<sup>3</sup> 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 7, 2016 (45 days after notice of availability)
Proposed Date for Release of Final EIR or Negative Declaration	February 2016
Evidentiary Hearing, if needed	March 2016
Draft Decision Issued	April 2016
<i>Ex Parte</i> Decision Issued. Final CEQA Document Certified.	May 2016

**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, 2015 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 separate 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 Project and those assets will be added to SDG&E's utility rate base. At present, SDG&E intends to finance the 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 26, 2015, was mailed to the California Public Utilities Commission on April 28, 2015, 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**

See the 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**

See the 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 a Mitigated Negative Declaration regarding the potential environmental impacts of the Proposed Project; and (3) issue an expedited *ex parte* decision granting SDG&E a Permit to Construct the Tie Line 649 Wood-to-Steel Replacement Project, as described in this application and the supporting documents.

DATED this 10th day of August 2015, 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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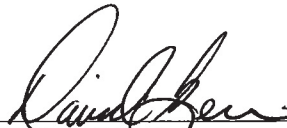
**VIII. VERIFICATION**

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 TIE LINE 649 WOOD-TO-STEEL REPLACEMENT 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 10th day of August 2015, at San Diego, California.



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

SAN DIEGO GAS & ELECTRIC COMPANY

**APPENDIX A**  
**Proposed Construction Schedule**

## Tie Line 649 Wood-to-Steel Pole Replacement Project

### Proposed Construction Schedule

<b>Activity</b>	<b>Approximate Duration (days)</b>	<b>Anticipated Start Date</b>
Staging Yard Set-Up/Road Refreshing/Vegetation Trimming/BMP Installation	6	September 2016
Micro-Pile Foundation Construction	40	October 2016
Pier Foundation Construction	63	October 2016
Direct-Buried Construction and Pole Installation	90	October 2016
Trenching for Installation of Underground Cables	3	January 2017
Stringing Activities/Transfer Conductor/Sagging Activities	60	January 2017
Demobilization/Clean Up/Road Refreshing	26	March 2017

**APPENDIX B**  
**Draft Notice of Application**

## NOTICE OF APPLICATION FOR A PERMIT TO CONSTRUCT

### San Diego Gas & Electric Tie Line 649 Wood-to-Steel Replacement Project

**Date:** August 10, 2015

**CPUC Application No.:**

**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 (PTC) the Tie Line 649 Wood-to-Steel Replacement 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:

- Wood-to-Steel Replacement;
- Underground Distribution Line Intercepts;
- Underground to Overhead Conversion;
- Access Road Modifications.

The fundamental objective of the Proposed Project is to increase the fire safety and service reliability of TL 649, which is located in an area of high fire risk.

**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 101 Ash Street, HQ12 San Diego, CA 92101	AND	Shivani Ballesteros SDG&E Regulatory Affairs 8330 Century Park Court, CP32D 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, 320 West 4<sup>th</sup> St., Ste. 500, Los Angeles CA 90013 or send an e-mail to [public.advisor@cpuc.ca.gov](mailto: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. 14-05-021.

### FOR FURTHER INFORMATION

You may request additional information or obtain a copy of the application and related exhibits by writing to: Shivani Ballesteros, Regulatory Case Manager 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>

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

**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. DANIEL KIM, DIRECTOR  
DEPARTMENT OF GENERAL SERVICES  
PO BOX 989052  
WEST SACRAMENTO, CA 95798-9052

UNITED STATES GOVERNMENT  
GENERAL SERVICES  
ADMINISTRATION  
300 N LOS ANGELES ST  
LOS ANGELES, CA 90012

UNITED STATES BORDER PATROL  
ATTN. RICHARD BARLOW  
2411 BOSWELL RD  
CHULA VISTA, CA 91914

NAVAL FACILITIES ENGINEERING  
COMMAND  
NAVY RATE INTERVENTION  
1314 HARWOOD ST SE  
WASHING NAVY YARD, DC 20374

CALIFORNIA DEPARTMENT OF  
TRANSPORTATION  
DIVISION OF AERONAUTICS  
ATTN. GARY CATHEY, CHIEF  
PO BOX 942873  
SACRAMENTO, CA 94273-0001

CALIFORNIA DEPARTMENT OF  
TRANSPORTATION  
ATTN. LAURIE BERMAN, DIRECTOR  
DISTRICT 11  
4050 TAYLOR ST  
SAN DIEGO, CA 92110

SAN DIEGO COUNTY AIR POLLUTION  
CONTROL DISTRICT  
ATTN. ROBERT KARD, DIRECTOR  
10124 OLD GROVE RD  
SAN DIEGO, CA 92131

CITY OF ALISO VIEJO  
12 JOURNEY  
ALISO VIEJO, CA 92656

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

CITY OF CHULA VISTA  
ATTN. CITY ATTORNEY  
276 FOURTH AVE  
CHULA VISTA, CA 91910

CITY OF CHULA VISTA  
ATTN. MAYOR MARY SALAS  
276 FOURTH AVE  
CHULA VISTA, CA 91910

CITY OF CHULA VISTA  
ATTN. COUNCIL MEMBER  
JOHN MCCANN  
276 FOURTH AVE  
CHULA VISTA, CA 91910

CITY OF CHULA VISTA  
ATTN. COUNCIL MEMBER  
PATRICIA AGUILAR  
276 FOURTH AVE  
CHULA VISTA, CA 91910

CITY OF CHULA VISTA  
ATTN. COUNCIL MEMBER  
PAMELA BENSOUSSAN  
276 FOURTH AVE  
CHULA VISTA, CA 91910

CITY OF CHULA VISTA  
ATTN. COUNCIL MEMBER  
STEVE MIESEN  
276 FOURTH AVE  
CHULA VISTA, CA 91910

CITY OF CHULA VISTA  
DEVELOPMENT SERVICES  
DEPARTMENT  
ATTN. KELLY BROUGHTON  
726 FOURTH AVE  
CHULA VISTA, CA 91910

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 NIGUEL  
ATTN. CITY ATTORNEY  
30111 CROWN VALLEY PKWY  
LAGUNA NIGUEL, CALIFORNIA 92677

CITY OF LAGUNA NIGUEL  
ATTN. CITY CLERK  
30111 CROWN VALLEY PKWY  
LAGUNA NIGUEL, CALIFORNIA 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 STREET  
RAMONA, CA 92065

CITY OF RAMONA  
ATTN. CITY ATTORNEY  
960 MAIN STREET  
RAMONA, CA 92065

CITY OF RANCHO SAN DIEGO - JAMUL  
ATTN. CITY CLERK  
3855 AVOCADO BLVD, STE 230  
LA MESA, CA 91941

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

CITY OF SAN DIEGO  
ATTN. CITY CLERK  
202 C ST, SECOND FLOOR  
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. MAYOR KEVIN FAULCONER  
202 C ST, 11TH FLOOR  
SAN DIEGO, CA 92101

CITY OF SAN DIEGO  
ATTN: COUNCIL MEMBER  
DAVID ALVAREZ  
202 C ST, 10TH FLOOR  
SAN DIEGO, CA 92101

COUNTY OF SAN DIEGO  
ATTN. COUNTY CLERK  
PO BOX 121750  
SAN DIEGO, CA 92101

COUNTY OF SAN DIEGO  
ATTN. COUNTY COUNSEL  
1600 PACIFIC HWY  
SAN DIEGO, CA 92101

COUNTY OF SAN DIEGO  
ATTN. SUPERVISOR GREG COX  
COUNTY ADMINISTRATION CENTER  
1600 PACIFIC HWY, ROOM 335  
SAN DIEGO, CA 91901

COUNTY OF SAN DIEGO  
PLANNING AND DEVELOPMENT  
SERVICES  
ATTN. MARK WARDLAW, DIRECTOR  
5510 OVERLAND AVE  
SAN DIEGO, CA 92123

SAN DIEGO COUNTY PLANNING  
COMMISSION  
ATTN. MICHAEL SEILER  
5510 OVERLAND AVE  
SAN DIEGO, CA 92123

CITY OF SAN MARCOS  
ATTN. CITY CLERK  
1 CIVIC CENTER DR  
SAN MARCOS, CA 92069

1 CITY OF SAN MARCOS  
ATTN. CITY ATTORNEY  
1 CIVIC CENTER DR  
SAN MARCOS, CA 92069

CITY OF SANTEE  
ATTN. CITY CLERK  
10601 MAGNOLIA AVE  
SANTEE, CA 9207

CITY OF SANTEE  
ATTN. CITY ATTORNEY  
10601 MAGNOLIA AVE  
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  
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



## LIST OF PROPERTY OWNERS

CBRE FAMILY TRUST 03-31-08  
PO BOX 22086  
SAN DIEGO, CA 92192

OUNIGIAN FAMILY TRUST 07-14-01  
609 WESTVIEW CT  
CHULA VISTA, CA 91910

THOR-JUDSON LLC  
C/O TIM WILKINSON  
6255 COYOTE POINT CIR  
RENO, NV 89511

SUTHERLAND/PALUMBO  
C/O DONALD R PALUMBO  
1891 NIRVANA AVE  
CHULA VISTA, CA 91911

R FAMILY PROPERTIES I LLC  
2197 CORTE ANACAPA  
CHULA VISTA, CA 91914

SUNROAD CV LAND INC  
4445 EASTGATE MALL #400  
SAN DIEGO, CA 92121

FLAT ROCK LAND COMPANY LLC  
1903 WRIGHT PL #220  
CARLSBAD, CA 92008

SSBTLCREV LLC  
ATTN: DENNIS GRZESKOWIAK  
2 PARK PLAZA #850  
IRVINE, CA 92614

OTAY COMMERCIAL PARTNERS LP  
3900 FIFTH AVE #260  
SAN DIEGO, CA 92103

SOUTH BAY COMMERCIAL  
PROPERTIES LLC  
730 DESIGN CT #401  
CHULA VISTA, CA 91911

OTAY RIO BUSINESS PARK  
19800 MACARTHUR BLVD #820  
IRVINE, CA 92612

SEA WORLD LLC  
ATTN: ACCOUNTING DIRECTOR  
500 SEA WORLD DR  
SAN DIEGO, CA 92109

TIERRA MIGUEL FOUNDATION  
14910 PAUMA VALLEY DR  
PAUMA VALLEY, CA 92061

AIRTOUCH CELLULAR-SAN DIEGO  
<LF> KNOTTS BERRY FARM  
OWNER ADDRESS UNKNOWN

ISTAR BLUES LLC <LF> A-WON  
PROPERTIES LLC  
C/O EPROPERTYTAX  
PO BOX 4900, DEPT 114  
SCOTTSDALE, AZ 85261

GENERAL TELEPHONE CO OF  
CALIFORNIA  
OWNER ADDRESS UNKNOWN

OTAY VILLAGE THREE INVESTMENTS  
LP  
270 NEWPORT CENTER DR #200  
NEWPORT BEACH, CA 92660

JOEL & ANABEL DEALBA  
4905 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

RICHARD D & SOMSEE ROXBY  
4909 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

SAYKEN LLC  
C/O MOHAMAD H TABATABAEE  
7462 LOS BRAZOS  
SAN DIEGO, CA 92127

ELVA A GUERRERO  
4921 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

SANDRA RICHTER  
534 FATHOM CT  
SAN DIEGO, CA 92154

ROMEO & MERCEDITA JIMENEZ  
FAMILY TRUST 05-09-07  
544 FATHOM CT  
SAN DIEGO, CA 92154

SANTIAGO V ROMERO JR  
547 FATHOM CT  
SAN DIEGO, CA 92154

TAHNOHN E & SHERRY L HAYES  
1359 S CREEKSIDE DR  
CHULA VISTA, CA 91915

DAVID F MONJARAZ & MARICELA  
HERNANDEZ  
527 FATHOM CT  
SAN DIEGO, CA 92154

MIGUEL & NORMA A LOPEZ  
517 FATHOM CT  
SAN DIEGO, CA 92154

MARIA L MCCARTHY  
1006 CALLE ESCARPADA  
BONITA, CA 91902

BRUCE P STURGEON  
506 BLACK CORAL WAY  
SAN DIEGO, CA 92154

JORGE & JUANITA ESPINOZA  
510 BLACK CORAL WAY  
SAN DIEGO, CA 92154

STEPHEN R & SHARON E BARNHILL  
514 BLACK CORAL WAY  
SAN DIEGO, CA 92154

MAGDALENO B & GLENDA CORTES  
830 W SUFFOLK AVE  
MONTEBELLO, CA 90640

ROBERTO R & JESSICA D GALANG  
522 BLACK CORAL WAY  
SAN DIEGO, CA 92154

HENRY S & ARELY PETERSEN  
4907 WHEELHOUSE DR  
SAN DIEGO, CA 92154

ALFRED & MARIA A SUMBAD  
4911 WHEELHOUSE DR  
SAN DIEGO, CA 92154

SERGIO NUNEZ & ANA SEPULVADA-  
NUNEZ  
4915 WHEELHOUSE DR  
SAN DIEGO, CA 92154

WALDO CLIMAX &  
ELGIN & SAMANTHA HAWKINS  
330 CRESCENT VILLAGE CIR #1439  
SAN JOSE, CA 95134

ATTIQUE M & KARLA P ATAYEE  
4927 WHEELHOUSE DR  
SAN DIEGO, CA 92154

ESTEBAN GONZALES  
4933 WHEELHOUSE DR  
SAN DIEGO, CA 92154

DAVID J NUNEZ & TONIE A RUAN-  
NUNEZ  
4939 WHEELHOUSE DR  
SAN DIEGO, CA 92154

DAVID E & HELEN D MORGAN  
4943 WHEELHOUSE DR  
SAN DIEGO, CA 92154

MENANDRO S & ROSE M R NONES  
4945 WHEELHOUSE DR  
SAN DIEGO, CA 92154

SHAWNNAH A CASTILLO  
4947 WHEELHOUSE DR  
SAN DIEGO, CA 92154

DOUGLAS L & MARILYN Y JOHNSON  
4906 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

MARCUS A SIMEON  
4910 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

SOCORRO T GUILLERMO  
4916 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

CHRISTOPHER WALTERS  
4922 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

REYNALDO & CARMELITA  
DESCASTRO  
4928 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

CARLOS & MARTHA M TUCKER  
4932 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

JACK L & DOLORES MCARTHUR  
4936 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

ADAM J & HEATHER M WENDELL  
3414 RAINTREE CIR  
SUFFOLK, VA 23435

MARIA T CORTEZ  
4944 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

JOSE & ANGELICA C COSIO  
4948 SEA LAVENDER WAY  
SAN DIEGO, CA 92154

CALIFORNIA TERRACES  
NEIGHBORHOOD HOMEOWNERS  
ASSOCIATION  
C/O MERIT PROPERTY MGMT  
6256 GREENWICH DR #130  
SAN DIEGO, CA 92122

NORMAN M & MARGARET A  
VALENTINE  
PSC 477 BOX 31  
FPO AP 96306

MARK E & COREY A MEYERS  
5211 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

JESSE L WACHT  
5207 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

CARLOS CARRILLO TRUST A 06-11-07  
C/O ISIDRA CARRILLO  
5203 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

MYRICK J MAGALSO  
5202 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

FIDENCIO & RAQUEL VIRAMONTES  
5206 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

RAFAEL AMEZCUA & CELINA M  
JIMENEZ-AMEZCUA  
5210 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

JUAN R & MARIEL J OSORIO  
5214 AVENIDA DE LAS VISTAS  
SAN DIEGO, CA 92154

KAMAL H NONA  
1126 13TH ST  
IMPERIAL BEACH, CA 91932

JAVIER & CRISTINA GONZALES  
5204 TOPSAIL DR  
SAN DIEGO, CA 92154

JORGE J ROY & BRENDA MARTEL  
5210 TOPSAIL DR  
SAN DIEGO, CA 92154

DENNIS A & CHELSEA M BENNETT  
5216 TOPSAIL DR  
SAN DIEGO, CA 92154

JOSE G LEANO & ERLENE LACOUR  
5222 TOPSAIL DR  
SAN DIEGO, CA 92154

JAIME C & FLORDELIZA M BAGUIO  
5228 TOPSAIL DR  
SAN DIEGO, CA 92154

CAH 2014-2 BORROWER LLC  
9305 E VIA DE VENTURA #201  
SCOTTSDALE, AZ 85258

RODRIGO F & HELEN M LATORRE  
5240 TOPSAIL DR  
SAN DIEGO, CA 92154

JOSE L PEREZ &  
FEDERICO & MAGDALENA AGUIRRE  
5246 TOPSAIL DR  
SAN DIEGO, CA 92154

WILLIAM M MEEKER  
5302 TOPSAIL DR  
SAN DIEGO, CA 92154

EDWARD, MARIA T, & DARYL  
ELAYDA  
5308 TOPSAIL DR  
SAN DIEGO, CA 92154

MICHAEL T & CHARMAINE P ASBURY  
5314 TOPSAIL DR  
SAN DIEGO, CA 92154

ARMIN C & JOCELYN T ONG  
5320 TOPSAIL DR  
SAN DIEGO, CA 92154

ARTHUR C & MARILYN C MACALINAO  
5326 TOPSAIL DR  
SAN DIEGO, CA 92154

RONALDO I MONES  
5332 TOPSAIL DR  
SAN DIEGO, CA 92154

GORDON KAM TONG & JOSEPHINE  
SAU LIN AUYEUNG  
5338 TOPSAIL DR  
SAN DIEGO, CA 92154

DANNY R BARLOW  
5346 TOPSAIL DR  
SAN DIEGO, CA 92154

DAVID J SIEGEL  
5356 TOPSAIL DR  
SAN DIEGO, CA 92154

JEORGE S & MARIA A R FACKLER  
5363 TOPSAIL DR  
SAN DIEGO, CA 92154

ISMAEL R SILVA JR & SOCORRO N  
SILVA  
5359 TOPSAIL DR  
SAN DIEGO, CA 92154

RAMON O & ESPERANZA S LYKE  
5353 TOPSAIL DR  
SAN DIEGO, CA 92154

LANCE L HICKMAN  
5349 TOPSAIL DR  
SAN DIEGO, CA 92154

MARC GONONG MADARANG & RYAN  
GALANG OLIVIA  
5345 TOPSAIL DR  
SAN DIEGO, CA 92154

JORGE & SYLVIA PEREZ  
5341 TOPSAIL DR  
SAN DIEGO, CA 92154

ARIC & ELSA CURTIS  
5337 TOPSAIL DR  
SAN DIEGO, CA 92154

LARRY & WANDA FULINARA  
5333 TOPSAIL DR  
SAN DIEGO, CA 92154

ANACLATO ANCHETA & PAULA  
SAENZ-ANCHETA  
5329 TOPSAIL DR  
SAN DIEGO, CA 92154

PEARL BURKS  
5323 TOPSAIL DR  
SAN DIEGO, CA 92154

BRUNO R & CECILIA R RUBIO  
5317 TOPSAIL DR  
SAN DIEGO, CA 92154

JESUS & ANIBEL CUEVAS  
5311 TOPSAIL DR  
SAN DIEGO, CA 92154

ORLANDO & JOAN NOZA  
5303 TOPSAIL DR  
SAN DIEGO, CA 92154

ROBERT M & SARAH A BUCHITE  
CORTEZ  
5293 TOPSAIL DR  
SAN DIEGO, CA 92154

JUAN & KARLA LEON  
5285 TOPSAIL DR  
SAN DIEGO, CA 92154

ANTOINE R & MARJORIE T HICKMAN  
5277 TOPSAIL DR  
SAN DIEGO, CA 92154

SCRUGGS FAMILY TRUST 08-28-04  
5271 TOPSAIL DR  
SAN DIEGO, CA 92154

CECILIA GALVEZ-DIAZ  
5265 TOPSAIL DR  
SAN DIEGO, CA 92154

GLENN R & SANDRA R FAVOR  
5259 TOPSAIL DR  
SAN DIEGO, CA 92154

JIMMIE L MCKNUCKLE JR & LATISHA  
A MCKNUCKLE  
5251 TOPSAIL DR  
SAN DIEGO, CA 92154

GABBARD REVOCABLE TRUST 08-21-  
06  
5245 TOPSAIL DR  
SAN DIEGO, CA 92154

SITHAT & VANESSA SUMONTHA  
5239 TOPSAIL DR  
SAN DIEGO, CA 92154

MIGUEL A O SALCIDO  
5233 TOPSAIL DR  
SAN DIEGO, CA 92154

KYLE A RAINES  
5227 TOPSAIL DR  
SAN DIEGO, CA 92154

TERESITA A & RANDY MAYOR  
5221 TOPSAIL DR  
SAN DIEGO, CA 92154

MICHAEL S & COLETTE DENNING  
5215 TOPSAIL DR  
SAN DIEGO, CA 92154

ELIAS & AURORA ROBLES  
5209 TOPSAIL DR  
SAN DIEGO, CA 92154

JEROME O & MARIA F G GARCIA  
REVOCABLE 2014 TRUST  
5203 TOPSAIL DR  
SAN DIEGO, CA 92154

PARDEE HOMES  
10880 WILSHIRE BLVD #1900  
LOS ANGELES, CA 90024

JEFFREY & TERRI PARA  
5154 TOPSIDE LN  
SAN DIEGO, CA 92154

ELSIE D JENKINS  
5158 TOPSIDE LN  
SAN DIEGO, CA 92154

RICHARD & DIANE LEDFERD  
481 SEA HOLLY CT  
SAN DIEGO, CA 92154

RODOLFO & GALVAN GRACIELA  
RAMIREZ  
476 SEA HOLLY CT  
SAN DIEGO, CA 92154

NELSON & CYNTHIA RIVERA  
470 SEA HOLLY CT  
SAN DIEGO, CA 92154

JUAN J PARRA  
5153 TOPSIDE LN  
SAN DIEGO, CA 92154

CALIFORNIA TERRACES  
NEIGHBORHOOD HOMEOWNERS  
ASSOCIATION  
6256 GREENWICH DR #130  
SAN DIEGO, CA 92122

ANA L VILLAGRANA  
1231 3RD AVE #B  
CHULA VISTA, CA 91911

MARTIN W MARTIN JR & JOYCE D  
MARTIN  
5375 TOPSAIL DR  
SAN DIEGO, CA 92154

JIAN DENG & LI JIASHI  
1138 ROCKEFELLER DR  
SUNNYVALE, CA 94087

RODRIGO Y & NENITA S GARCIA TRS  
5367 TOPSAIL DR  
SAN DIEGO, CA 92154

ESMILLO FAMILY TRUST 02-18-08  
5368 TOPSAIL DR  
SAN DIEGO, CA 92154

MARTINEZ G L E TRUST 10-20-11  
5372 TOPSAIL DR  
SAN DIEGO, CA 92154

ROLF J BARNICK TR  
5376 TOPSAIL DR  
SAN DIEGO, CA 92154

IAN, TATIANA, & WALTER BOW  
5382 TOPSAIL DR  
SAN DIEGO, CA 92154

ERNESTO I & ALMA G CAMARA  
469 WHALERS CT  
SAN DIEGO, CA 92154

ELBA VILLALPANDO  
475 WHALERS CT  
SAN DIEGO, CA 92154

RUBEN, MICHAEL, MAN YI, &  
JIANGUANG CHEN  
10150 PALM GLEN DR #38  
SANTEE, CA 92071

CALIFORNIA TERRACES  
NEIGHBORHOOD HOMEOWNERS  
ASSOCIATION  
C/O PARDEE HOMES  
1320 FLYNN RD #100  
CAMARILLO, CA 93012

MCMILLIN OTAY RANCH LLC  
C/O TOM TOMLINSON  
2750 WOMBLE RD  
SAN DIEGO, CA 92106

SUNROAD OTAY PARTNERS LP  
C/O SUNROAD ENTERPRISES  
4445 EASTGATE MALL #400  
SAN DIEGO, CA 92121

INTERNATIONAL INDUSTRIAL PARK  
INC  
5440 MOREHOUSE DR #4000  
SAN DIEGO, CA 92121

RABAGO INVESTMENT GROUP LLC  
6531 DATSUN ST  
SAN DIEGO, CA 92154

MARATHON LAND & CATTLE CO  
10108 RIVERFORD RD  
LAKESIDE, CA 92040

FIRST AMERICAN TRUST TR NO 1082-  
0284-00  
5 FIRST AMERICAN WAY  
SANTA ANA, CA 92707

LARKSPUR ENERGY LLC  
9355 OTAY MESA RD  
SAN DIEGO, CA 92154

SOUTH COUNTY COMMERCE CENTER  
LLC  
462 STEVENS AVE #301  
SOLANA BEACH, CA 92075

OTAY MESA CROSSING LLC  
C/O REGENCY REALTY GROUP INC  
PO BOX 790830  
SAN ANTONIO, TX 78279

SOON WOO & YUEN LING LEE FAMILY  
TRUST 01-14-91 & IRENE L FONG ET AL  
2760 E 4TH ST #515  
NATIONAL CITY, CA 91950

TO DEVELOPMENT LLC  
2197 CORTE ANACAPA  
CHULA VISTA, CA 91914

RANCHO VISTA DEL MAR  
5440 MOREHOUSE DR #4000  
SAN DIEGO, CA 92121

TPO LLC  
C/O DAVID WICK  
5440 MOREHOUSE DR #4000  
SAN DIEGO, CA 92121

KOULADJIAN FAMILY REVOCABLE  
TRUST ET AL  
640 N FAIR OAKS AVE  
PASADENA, CA 91103

**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 92108

**The Star News**

296 Third Ave  
Chula Vista, CA 91910

**El Latino**

555 H Street  
Chula Vista, CA 91910

**Enlace**

350 Camino de la Reina  
San Diego, CA 92108

**APPENDIX E**  
**Draft Declaration of Posting of Notice**

**DECLARATION OF POSTING**

I, Andy Renger, am the Project Manager responsible for overseeing various aspects of substation, transmission, and distribution projects for San Diego Gas & Electric Company. On \_\_\_\_\_ 2015, I posted along the project site for the proposed San Diego Gas & Electric Company's Tie Line 649 Wood-to-Steel Replacement 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 \_\_\_\_\_ 2015, at San Diego, California.

\_\_\_\_\_  
Andy Renger  
Project Manager  
Major Projects – Project Management  
Representative, SDG&E

**APPENDIX F**  
**Magnetic Field Management Plan**



## **Detailed Magnetic Field Management Plan for the Tie Line 649 Wood-to-Steel Replacement Project**

Project Engineer: **Jude Awiylika**  
Project Designer: **Patrick Martinez**

Work Order No.: **WO2902100**  
In-Service Date: **March. 2017**

Power & Distribution Lines: **TL 649**

Central File No.: **ELA 140.B.114**

Prepared by: R. Wade

Date: 7/24/15

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## I. Proposed Project Scope

The proposed Tie Line 649 Wood-to-Steel Pole Replacement Project ("Project") involves a portion of a 69 kilovolt (kV) single circuit power<sup>1</sup> line, referred to as tie line (TL) 649, which connects Otay, San Ysidro, Otay Lakes, and Border substations within SDG&E service territory in San Diego County, California. The proposed Project would remove approximately one hundred thirty two (132) power and distribution line poles and replace them with approximately one hundred seventeen (117) galvanized steel poles over a distance of approximately seven (7) miles. Replacement poles generally would be placed within SDG&E's existing alignment.

A portion of the proposed Project east of Heritage Road to pole Loc #95 and between pole Locs #108 and #117 is approximately five and four-tenths (5.4) miles in length with approximately 83 structures which will also have an underbuilt 12 kV distribution circuit.

The proposed Project will be constructed within existing easements or rights-of-way ("ROW").

## II. Magnetic Field Management Design Guidelines

The California Public Utilities Commission ("CPUC") requires SDG&E to apply its *EMF<sup>2</sup> Design Guidelines for Electrical Facilities* ("Guidelines") to all new and upgraded electric power and transmission projects to reduce 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 with the CPUC order, magnetic fields and possible magnetic field management measures were evaluated along the power line locations associated with the proposed Project. The results of this evaluation are contained in this Detailed Magnetic Field Management Plan ("FMP").

The Detailed FMP consists of a project description, a checklist table showing evaluation of magnetic field reduction measures adopted or rejected per transmission line, evaluation of "no-cost" and "low-cost" magnetic field reduction techniques, magnetic field models where multiple lines are involved within the same easement or ROW, and a summary with recommendations.

The scope of magnetic field analysis for this FMP does not include the distribution lines.<sup>3</sup> Thus, for purposes of this FMP, the term "Project" includes only the 69 kV wood-to-steel pole conversion.

The 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, and operations and maintenance.

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<sup>1</sup> In accordance with CPUC General Order 131-D, the term "power line" is used in this document in reference to TL 649, a 69 kV line. The term "transmission," when used, refers to internal SDG&E operating departments, internal SDG&E standards and/or other guidelines, and is not intended to suggest that TL 649 is designed for immediate or eventual operation at 200 kV or above.

<sup>2</sup> EMF refers to electric and magnetic fields.

<sup>3</sup> SDG&E's Guidelines state that "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."

### **III. Magnetic Field Management Methodology**

In Decision 06-01-042, the CPUC noted that "Utility modeling methodology is intended to compare differences between alternative EMF mitigation measures and not determine actual EMF amounts."<sup>4</sup> The CPUC also noted that "modeling indicates relative differences in magnetic field reductions between different transmission line construction methods, but does not measure actual environmental magnetic fields."<sup>5</sup>

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

- Apply its EMF Guidelines 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 of adjacent land uses.

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.

Magnetic field levels were calculated using the EMF Work Station 2013 program developed and maintained by the Electric Power Research Institute. As the in-service date of the proposed Project would be May 2017, the projected high usage currents, "2017 heavy summer," 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 technique were compared to calculated values without the technique. Since all power lines of the proposed Project are within easements, or franchise ROW, magnetic field levels were calculated and compared at the adjacent parallel property lines, or edges of ROW.

### **IV. Project Description**

The proposed Project would replace an approximately seven-mile-long portion of single-circuit 69 kV power line TL 649, which connects Otay Substation, San Ysidro Substation, Otay Lakes Substation, and Border Substation within the Ocean Crest Community and Otay Mesa areas of the City of San Diego, City of Chula Vista, and the County of San Diego, California.

The proposed Project begins at pole Loc #1 at the intersection of Black Coral Way and Sea Lavender Way in the City of San Diego, then heads in an easterly direction to tap pole Loc #75 and east one span to pole Loc #76 (see Appendix 1 – Proposed Project Segment Map). At tap pole Loc #75, the proposed Project travels in a southerly direction and ends at Pole Loc #117 just

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

<sup>5</sup> Ibid, p.11.



four tenths (0.4) of a mile north of Border Substation. TL 649 traverses residential, commercial, and undeveloped land. This region of San Diego County is sparsely populated except for a section of residential and commercial developments at the west end of the proposed Project, a commercial/industrial business in Segment 2, and Donovan State Prison east of Segment 3.

The proposed Project consists of the following components:

- Remove approximately one hundred thirty-two (132) power and distribution line poles with approximately one hundred seventeen (117) galvanized steel poles. Approximately eighty-nine (89) poles will be installed as directly-buried poles and twenty-eight (28) will have foundations. All poles will have WPI pole top configurations, as is the case for the existing poles.
- Power line work to include transfer of existing conductor, slightly longer insulators, and utilize increased vertical and horizontal spacing.
- Distribution work to include transfer of existing conductor and conductor replacement.

The new galvanized steel poles are approximately 30% taller on average than the existing poles, ranging in height from approximately thirty-four (34) to ninety (90) feet, and generally would be located within 10 feet of the existing pole locations. These steel poles are stronger than the existing wood poles, with expanded circuit separation placing the three phase circuit wires farther apart from each other. As a result, they are less likely to be affected by high winds, and chance of blow-out will be reduced. This is also referred to as "fire hardening" for areas which are considered as high-risk for fires, as is the case for the majority of the proposed Project area.

For purposes of this FMP, the proposed Project alignment is divided into four (4) segments associated with adjacent land use (see Appendix 1 – Proposed Project Segment Map):

**Segment 1** (1.2 miles) is located in the community of Ocean Crest for five-tenths (0.5) miles before entering into to the City of Chula Vista for seven-tenths (0.7) miles. This segment of the proposed Project alignment is bordered by a tract of residential development and commercial property of Aquatica San Diego and Sleep Train Amphitheater. It begins at cable pole Loc #1 just east of the intersection of Black Coral Way and Sea Lavender Way and ends at pole Loc #17 next to the west side of Heritage Road.

**Segment 2** (3.9 miles) is located in the City of Chula Vista in undeveloped land, except for one industrial site. TL 649 also crosses under the State Highway 125. Segment 2 starts at the east side of Heritage Road at pole Loc #18 to pole Loc #75 and then the next pole Loc #76 one and one-half (1.5) mile east of State Highway 125. Existing distribution circuit numbered Ckt. 260 is currently underbuilt through a portion of the TL 649 route on the eastern side of Heritage Road to approximately one and one-half (1.5) miles east of State Highway 125. The current distribution underbuild will be removed and reconducted on the new steel poles in an overhead position throughout this portion of the TL 649 route.

**Segment 3** (1.1 miles) is located in the City of Chula Vista approximately one and one-half (1.5) miles east of State Highway 125 at pole Loc #76 and runs north-south through Otay Mesa area to pole Loc #97. This segment of the proposed Project borders on Donovan State Prison on the west side and undeveloped land in the surrounding area.

**Segment 4** (1.1 miles) is located in the Otay Mesa area starting just south of Donovan State Prison at pole Loc #98 and travels west, then south to pole Loc #117 four tenths (0.4) of a

mile north of Border Substation. Land use in this segment is a mixture of industrial and undeveloped land.

Construction for the proposed Project will require approximately one for one structure replacement. Some minor relocations may be made to avoid environmentally, biologically, or culturally sensitive locations. All new structures will typically be placed within ten (10) feet of the existing structures following the same alignment.

## V. Magnetic Field Reduction Measures Considered for the Proposed Project

Per Table 3-1 of SDG&E's Guidelines, all portions of power line TL 649 within scope of the proposed Project were reviewed for suitable application of magnetic field reduction measures, as listed in Table 1 below. These techniques will be discussed under *Section VI - Magnetic Field Reduction Measures Evaluated for the Project*, which follows.

**Table 1: Magnetic Field Reduction Measures Adopted or Rejected**

Segment(s)	Location (Street, Area)	Adjacent Land Use	Reduction Measure Considered	Measure Adopted? (Yes/No)	Estimated Cost to Adopt
1-4	Within existing ROW	Residential, Commercial, Undeveloped	<b>Locate power lines closer to center of the utility corridor to extent possible</b>	No	<b>Not Applicable (N/A)</b>
	<b>Reason not adopted:</b> The alignment of the new steel poles is to be the same as the old poles, which is as close to center of easement or ROW as possible. The steel poles will be located as close as possible to the existing pole locations. Therefore this option was rejected.				
1-4	Within existing ROW	Residential, Commercial, Undeveloped	<b>Increase Structure Height</b>	Yes	<b>No-Cost</b>
	<b>Reason adopted:</b> As part of the enhanced SDG&E transmission design standards for-the High Risk Fire Areas such as this proposed Project scope, phase spacing will be increased, in turn creating a 30% height increase above ground from lowest circuit wire. Per SDG&E Standards for 69 kV single circuit overhead transmission lines with no distribution underbuild, minimum height above ground to the lowest circuit wire is thirty (30) feet, per GO 95 Design standards. However, the initial Project design shows minimum height above ground to the lowest circuit wire to be from forty-four (44) feet to sixty-nine (69) feet for TL 649. This is due to an additional vertical separation distance implemented by SDG&E for transmission for "safety and maintenance considerations" by design, and additional vertical spacing between 69 kV phases for "fire hardening." This should be considered as a "no-cost" EMF reduction measure, as it indeed reduces fields at no additional Project cost.				
1-4	Within TL 649 existing ROW	Residential, Commercial	<b>Increase Structure Height</b>	Yes	<b>Low-Cost</b>
	<b>Reason adopted:</b> Modeling of Segments 1, 2, and 3 demonstrated that by raising the height above ground from the initial design height of 44 feet to 69 feet by four and one-half (4.5) feet, a minimum 15% reduction at could be achieved at the edge of ROW. Therefore, increased structure height (and commensurate height above ground of the conductors) could be implemented as a "low-cost" field reduction measure. Since these poles come in five (5) foot increments, an additional 5.0 foot increase in pole height is recommended to reduce magnetic fields for the length of the proposed Project, since permanent residences are located along both sides of portions of the existing easement. The cost to accomplish this is well within 4% of the total project cost.				

Segment(s)	Location (Street, Area)	Adjacent Land Use	Reduction Measure Considered	Measure Adopted? (Yes/No)	Estimated Cost to Adopt
1-4	Within TL 649 existing ROW	Residential, Commercial, Undeveloped	<b>Reduce Conductor (phase) Spacing</b>	No	N/A
	<p><b>Reason not adopted:</b> The new galvanized steel poles in the proposed Project have SDG&amp;E Standard pole-head configurations equivalent to those on the existing wood poles, which provide optimum magnetic field reduction. As part of the enhanced SDG&amp;E transmission design standards for the Fire Threat Zone or in High Risk Fire Areas, such as the location of the proposed Project, phase spacing will be increased, longer polymer insulators that are less susceptible to contamination will be installed, avian protection will be improved, and overall maintenance requirements for the pole will be reduced. There are no alternative poletop configurations to be considered for this Project. Therefore this option was rejected.</p>				
1-4	Within TL 649 existing ROW	Residential, Commercial, Undeveloped	<b>Phase Circuits to Reduce Magnetic Fields</b>	No	N/A
	<p><b>Reason not adopted:</b> Reduction of magnetic field values (milligauss) through phasing techniques is not an option for the proposed Project since TL 649 is a single circuit configuration. Phase re-arrangement of a single transmission circuit, with no other transmission circuits within the ROW, provides the same EMF values at each ROW. Therefore, there are no alternative phase arrangements to be considered and this reduction method was rejected.</p>				
1-4	Within TL 649 existing ROW	Residential, Commercial, Undeveloped	<b>Place Overhead Lines Underground</b>	No	N/A
	<p><b>Reasons not adopted:</b> Based on preliminary cost estimates for the proposed Project, only approximately three one-hundredths (0.03) mile of the seven-mile Project length could be undergrounded and still be considered a "low-cost" field-reduction measure. As there are no known schools, day-care centers, or hospitals on lands adjacent any of these segments, priority for low-cost field reduction would be given to segments adjacent to residential land use. Preliminary review suggests that the total of segment miles adjacent to residences is far greater than 0.03 miles. Though evaluation of "low-cost" measures for these segments can be prioritized by considering location and/or density of adjacent permanently occupied structures<sup>6</sup>, the population density along most of these segments is consistently sparse, making prioritization difficult. A more broadly effective "no-cost" measure is proposed for use under "Increase Structure Height" in this Table. For these reasons, undergrounding as a "low-cost" field-reduction measure was not adopted.</p>				
1-4	Within TL 649 existing easement	Residential, Commercial, Undeveloped	<b>Increase Trench Depth</b>	No	N/A
	<p><b>Reasons not adopted:</b> Undergrounding TL 649 is not within scope of the proposed Project and was discarded due to the cost that would far exceed 4% of the total Project cost (see "Place Overhead Lines Underground" discussion above in this table). Therefore this reduction measure was rejected.</p>				

<sup>6</sup> SDG&E Guidelines, p. 12: "When spending for 'low-cost' measures would otherwise disallow equitable magnetic field reduction for all areas within a single land use class, prioritization can be achieved by considering location and/or density of permanently occupied structures on lands adjacent to the projects, as appropriate."

## **VI. Magnetic Field Reduction Measures Evaluated for the Proposed Project**

**Locate power lines closer to the center of the easement:** The alignment of the new steel poles and conductor for all power lines is to be the same as the old poles, which is as close to center of easement as possible. The steel poles will be located as close as possible to the existing pole locations. Therefore locating power lines closer to center of easement was discarded as a reduction technique.

**Increase Structure Height:** As part of the enhanced SDG&E transmission design standards for the High Risk Fire Areas such as this proposed Project scope, phase spacing will be increased, in turn creating a 30% height increase from lowest circuit wire. Per SDG&E Standards for 69 kV single circuit overhead transmission lines with no distribution underbuild, minimum height above ground is thirty (30) feet for the lowest circuit wire, per GO 95 Design Standards. However, the initial Project design shows minimum height above ground to the lowest circuit wire to be from forty-four (44) feet to sixty-nine (69) feet for TL 649. This is due to an additional vertical separation distance implemented by SDG&E for transmission for "safety and maintenance considerations" by design, and additional vertical spacing between 69 kV phases for "fire hardening." This should be considered as a "no-cost" EMF reduction measure for Segments 1-4, as it indeed reduces fields at no additional Project cost.

Modeling of Segments 1, 2, and 3 demonstrated that by raising the height above ground for the initial design height (44 feet to 69 feet) by four and one-half (4.5) feet, a minimum 15% reduction could be achieved at the edge of ROW. Therefore, increased structure height (and the commensurate height above ground of the conductors) could be implemented as a "low-cost" field reduction measure. Since these poles come in increments of five (5) feet, an additional 5-foot increase in pole height is recommended to reduce magnetic fields for the length of the proposed Project, since permanent residences are located along both sides of portions of the existing easement.

**Reduce Conductor (Phase) Spacing:** The new galvanized steel poles in the proposed Project have SDG&E Standard pole-head configurations equivalent to those on the existing wood poles, which provide optimum magnetic field reduction. As part of the enhanced transmission design standards for Fire Threat Zone or in High Risk Fire Areas, such as the location of the proposed Project, phase spacing will be increased, longer polymer insulators that are less susceptible to contamination will be installed, avian protection will be improved, and overall maintenance requirements for the pole will be reduced as a "fire hardening" measure. Therefore reducing conductor phase spacing to reduce magnetic fields was rejected as a reduction technique.

**Phase Circuits to Reduce Magnetic Fields:** Reduction of magnetic field values (milligauss) through phasing techniques is not an option for the proposed Project since TL 649 since it is a single circuit configuration. Phase re-arrangement of a single transmission circuit, with no other transmission circuits within the ROW provides the same EMF values at each ROW. Therefore, there are no alternative phase arrangements to be considered and this reduction method was rejected.

**Place Overhead Lines Underground:** Based on preliminary cost estimates for the proposed Project, only approximately three one-hundredths (0.03) miles of the seven-mile Project length could be undergrounded and still be considered a "low-cost" field-reduction measure. As there are no known schools, day-care centers or hospitals on lands adjacent any of these segments, priority for low-cost field reduction would be given to segments adjacent to residential land use.

Preliminary review suggests that the total of segment miles adjacent to residences is far greater than 0.03 miles. A more broadly effective "no-cost" measure is proposed for use under "Increasing Structure Height" discussion above. For these reasons, undergrounding as a "low-cost" field-reduction measure was rejected as a reduction technique.

**Increase Trench Depth:** Undergrounding TL 649 is not within scope of the proposed Project and was discarded as the costs would far exceed 4% of the total Project cost (see discussion Place Overhead Lines Underground in above Table 1. Therefore, this reduction technique was rejected.

## **VII. Magnetic Field Reduction Measures Recommended for the Proposed Project**

Reduction of magnetic field values by increasing structure height as a field reduction technique was adopted as a viable method to reduce magnetic fields at the edge-of-ROW for the proposed Project. The recommended field reduction techniques are:

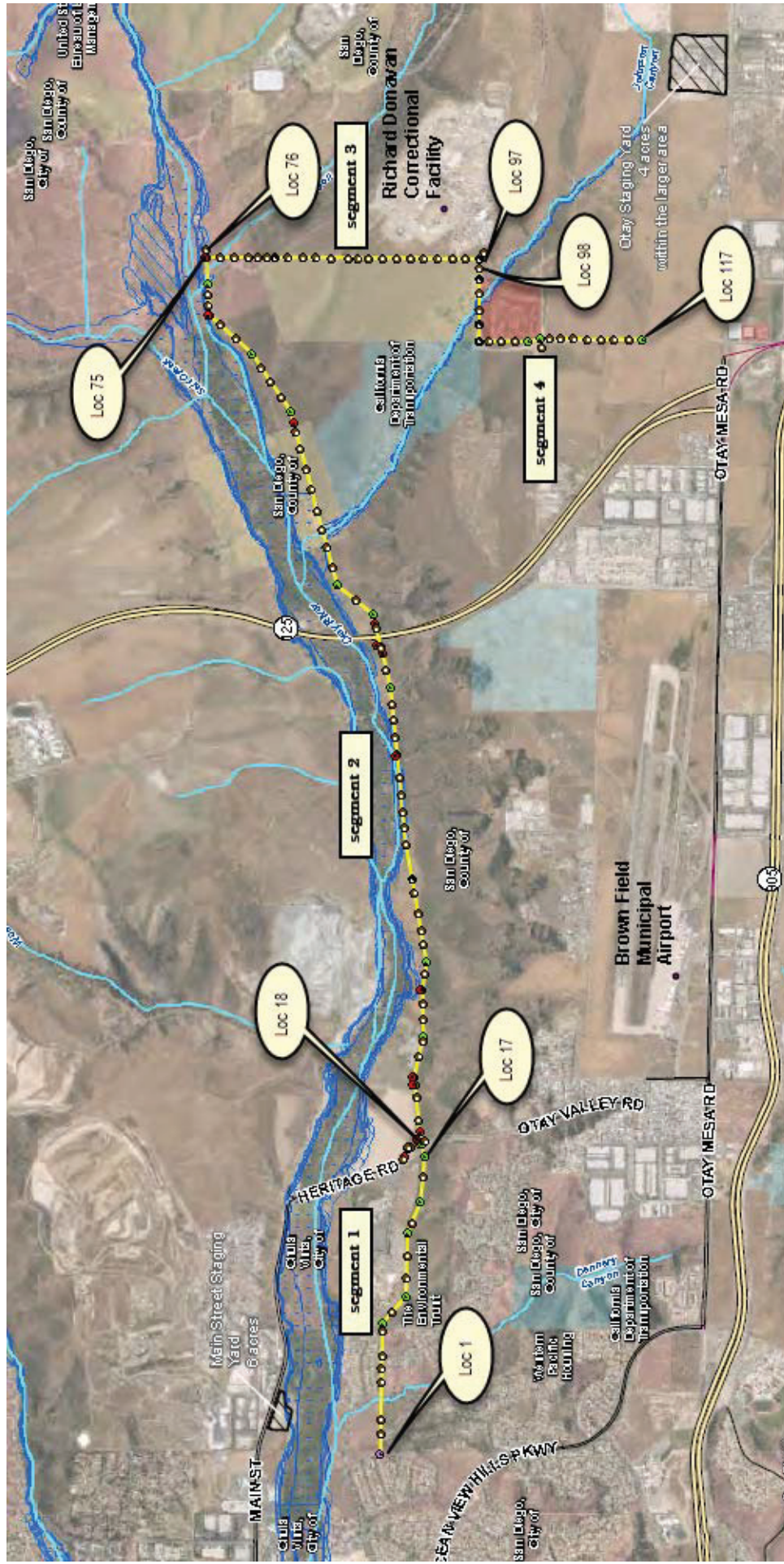
### **A. "No-Cost" Field Management Technique**

The proposed Project design shows minimum height above ground of the lowest circuit wire to be from forty-four (44) feet to sixty-nine (69) feet for TL 649. This is due to an additional vertical separation distance implemented by SDG&E for transmission for "safety and maintenance considerations" by design and additional vertical spacing between 69 kV phases for "fire hardening." This achieves a magnetic field reduction of 51-79% for no underbuild at the closest ROW without raising milligauss values at the opposite ROW. This constitutes a "no-cost" reduction measure, as it indeed reduces fields at no additional Project cost.

### **B. "Low-Cost" Field Management Technique**

Modeling demonstrated that by raising the height above ground from the initial design height (44 feet to 69 feet) by four and one-half (4.5) feet, a minimum 15% reduction could be achieved at the edge of ROW. Therefore, increased structure height (and the commensurate height above ground of the conductors) could be implemented as a "low-cost" field reduction measure. Since these poles come in increments of five (5) feet, an additional 5-foot increase in pole height is recommended to reduce magnetic fields for the length of the proposed Project, since permanent residences are located along both sides of portions of the existing easement.

# Appendix 1 - Proposed Project Segment Map



**APPENDIX G**  
**Financial Statements**

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**BALANCE SHEET**  
**ASSETS AND OTHER DEBITS**  
**MARCH 31, 2015**

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<b>1. UTILITY PLANT</b>		<u>2015</u>
101	UTILITY PLANT IN SERVICE	\$13,888,198,694
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	745,399,205
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(4,341,219,029)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(458,364,567)
114	ELEC PLANT ACQUISITION ADJ	3,750,722
115	ACCUM PROVISION FOR AMORT OF ELECTRIC PLANT ACQUIS ADJ	(812,656)
118	OTHER UTILITY PLANT	958,512,529
119	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF OTHER UTILITY PLANT	(234,482,149)
120	NUCLEAR FUEL - NET	-
	<b>TOTAL NET UTILITY PLANT</b>	<u><b>10,657,484,477</b></u>

<b>2. OTHER PROPERTY AND INVESTMENTS</b>		
121	NONUTILITY PROPERTY	5,946,616
122	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY	(364,300)
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
124	OTHER INVESTMENTS	-
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	<u>1,150,445,512</u>
	<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u><b>1,156,027,828</b></u>



**SAN DIEGO GAS & ELECTRIC COMPANY  
BALANCE SHEET  
ASSETS AND OTHER DEBITS  
MARCH 31, 2015**

<b>3. CURRENT AND ACCRUED ASSETS</b>		2015
131	CASH	12,803,142
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	500
136	TEMPORARY CASH INVESTMENTS	13
141	NOTES RECEIVABLE	-
142	CUSTOMER ACCOUNTS RECEIVABLE	241,646,913
143	OTHER ACCOUNTS RECEIVABLE	35,833,872
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(3,516,287)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	66,213,845
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	926,962
151	FUEL STOCK	5,706,237
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	98,343,046
156	OTHER MATERIALS AND SUPPLIES	-
158	ALLOWANCES	177,304,021
163	STORES EXPENSE UNDISTRIBUTED	-
164	GAS STORED	370,952
165	PREPAYMENTS	181,458,995
171	INTEREST AND DIVIDENDS RECEIVABLE	714,576
173	ACCRUED UTILITY REVENUES	58,392,000
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	2,569,500
175	DERIVATIVE INSTRUMENT ASSETS	123,240,048
TOTAL CURRENT AND ACCRUED ASSETS		1,002,008,335
<b>4. DEFERRED DEBITS</b>		
181	UNAMORTIZED DEBT EXPENSE	32,941,942
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	3,580,564,086
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	5,088,779
184	CLEARING ACCOUNTS	128,035
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	49,608,555
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	11,487,572
190	ACCUMULATED DEFERRED INCOME TAXES	589,950,886
TOTAL DEFERRED DEBITS		4,269,769,855
TOTAL ASSETS AND OTHER DEBITS		17,085,290,495

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**BALANCE SHEET**  
**LIABILITIES AND OTHER CREDITS**  
**MARCH 31, 2015**

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**5. PROPRIETARY CAPITAL**

	<u>2015</u>
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	(3,755,365,484)
219 ACCUMULATED OTHER COMPREHENSIVE INCOME	<u>11,929,808</u>
TOTAL PROPRIETARY CAPITAL	<u>(5,081,236,777)</u>

**6. LONG-TERM DEBT**

221 BONDS	(4,302,505,000)
223 ADVANCES FROM ASSOCIATED COMPANIES	-
224 OTHER LONG-TERM DEBT	(223,900,000)
225 UNAMORTIZED PREMIUM ON LONG-TERM DEBT	-
226 UNAMORTIZED DISCOUNT ON LONG-TERM DEBT	<u>12,053,184</u>
TOTAL LONG-TERM DEBT	<u>(4,514,351,816)</u>

**7. OTHER NONCURRENT LIABILITIES**

227 OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	(645,989,045)
228.2 ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	(28,805,702)
228.3 ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	(231,824,751)
228.4 ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	-
230 ASSET RETIREMENT OBLIGATIONS	<u>(849,341,444)</u>
TOTAL OTHER NONCURRENT LIABILITIES	<u>(1,755,960,942)</u>

**SAN DIEGO GAS & ELECTRIC COMPANY  
BALANCE SHEET  
LIABILITIES AND OTHER CREDITS  
MARCH 31, 2015**

<b>8. CURRENT AND ACCRUED LIABILITES</b>		2015
231	NOTES PAYABLE	0
232	ACCOUNTS PAYABLE	(352,235,840)
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	(28,204,833)
235	CUSTOMER DEPOSITS	(72,390,597)
236	TAXES ACCRUED	(192,995,402)
237	INTEREST ACCRUED	(56,283,382)
238	DIVIDENDS DECLARED	-
241	TAX COLLECTIONS PAYABLE	(4,985,065)
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(211,783,444)
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	(38,580,814)
244	DERIVATIVE INSTRUMENT LIABILITIES	(141,658,943)
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	-
TOTAL CURRENT AND ACCRUED LIABILITIES		(1,099,118,320)
<b>9. DEFERRED CREDITS</b>		
252	CUSTOMER ADVANCES FOR CONSTRUCTION	(46,515,882)
253	OTHER DEFERRED CREDITS	(323,301,595)
254	OTHER REGULATORY LIABILITIES	(1,462,351,497)
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(20,843,219)
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	-
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	(1,969,906,854)
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	(811,703,593)
TOTAL DEFERRED CREDITS		(4,634,622,640)
TOTAL LIABILITIES AND OTHER CREDITS		(\$17,085,290,495)

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**FINANCIAL STATEMENT**  
**March 31, 2015**

(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:

<u>First Mortgage Bonds:</u>	<u>Nominal Date of Issue</u>	<u>Par Value Authorized and Issued</u>	<u>Outstanding</u>	<u>Interest Paid in 2015</u>
Var% Series OO, due 2027	12-01-92	250,000,000	150,000,000	7,612,500
5.85% Series RR, due 2021	06-29-93	60,000,000	0	0
5.875% Series VV, due 2034	06-17-04	43,615,000	43,615,000	2,562,373
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
5.30% Series CCC, due 2015	11-15-05	250,000,000	250,000,000	13,250,000
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	2,660,460
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	15,840,000
.4677% Series OOO, due 2017	03-12-15	140,000,000	140,000,000	0
1.9140% Series PPP, due 2022	03-12-15	30,551,353	30,551,353	0
<b>Total 1st. Mortgage Bonds:</b>				<b>181,406,020</b>
<u>Unsecured Bonds:</u>				
5.30% CV96A, due 2021	08-02-96	38,900,000	38,900,000	2,061,700
5.50% CV96B, due 2021	11-21-96	60,000,000	60,000,000	3,300,000
4.90% CV97A, due 2023	10-31-97	25,000,000	25,000,000	1,225,000
<b>Total Unsecured Bonds</b>				<b>6,586,700</b>
<b>Total Bonds:</b>				<b>187,992,720</b>

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**FINANCIAL STATEMENT**  
**March 31, 2015**

<u>Other Indebtedness:</u>	Date of <u>Issue</u>	Date of <u>Maturity</u>	Interest <u>Rate</u>	<u>Outstanding</u>	Interest Paid <u>2015</u>
Commercial Paper & ST Bank Loans	Various	Various	Various	245,580,000	\$103,346

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 3/31/15	Dividends Declared				
		2011	2012	2013	2014	2015
5.0%	\$375,000	\$375,000	\$281,250	\$0	\$0	
4.50%	270,000	270,000	202,500	0	0	
4.40%	286,000	286,000	214,500	0	0	
4.60%	343,868	343,868	257,901	0	0	
\$ 1.70	2,380,000	2,380,000	1,785,000	0	0	
\$ 1.82	1,164,800	1,164,800	873,600	0	0	
	<u>0</u>	<u>\$4,819,668</u>	<u>\$4,819,668</u>	<u>\$3,614,751</u>	<u>\$0</u>	
				<u>\$0</u>	<u>\$0</u>	

Common Stock

Dividend to Parent	[1]	\$0	\$0	\$0	\$200,000,000	\$0
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**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] San Diego Gas & Electric Company dividend to parent.

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**STATEMENT OF INCOME AND RETAINED EARNINGS**  
**THREE MONTHS ENDED MARCH 31, 2015**

**1. UTILITY OPERATING INCOME**

400	OPERATING REVENUES		\$1,081,681,542
401	OPERATING EXPENSES	\$632,170,225	
402	MAINTENANCE EXPENSES	27,392,356	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	139,383,925	
408.1	TAXES OTHER THAN INCOME TAXES	30,637,027	
409.1	INCOME TAXES	29,982,228	
410.1	PROVISION FOR DEFERRED INCOME TAXES	177,645,255	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(128,742,715)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	(771,946)	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	-	
	TOTAL OPERATING REVENUE DEDUCTIONS		907,696,355
	NET OPERATING INCOME		173,985,187

**2. OTHER INCOME AND DEDUCTIONS**

415	REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK	-	
417	REVENUES OF NONUTILITY OPERATIONS	2,024	
417.1	EXPENSES OF NONUTILITY OPERATIONS	-	
418	NONOPERATING RENTAL INCOME	24,034	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	1,335,209	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	8,399,044	
421	MISCELLANEOUS NONOPERATING INCOME	113,125	
421.1	GAIN ON DISPOSITION OF PROPERTY	-	
	TOTAL OTHER INCOME	9,873,436	
421.2	LOSS ON DISPOSITION OF PROPERTY	-	
425	MISCELLANEOUS AMORTIZATION	62,512	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	247,131	
	TOTAL OTHER INCOME DEDUCTIONS	309,643	
408.2	TAXES OTHER THAN INCOME TAXES	154,576	
409.2	INCOME TAXES	(90,872)	
410.2	PROVISION FOR DEFERRED INCOME TAXES	1,680,019	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(446,548)	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	1,297,175	
	TOTAL OTHER INCOME AND DEDUCTIONS		8,266,618
	INCOME BEFORE INTEREST CHARGES		182,251,805
	EXTRAORDINARY ITEMS AFTER TAXES		12,557,074
	NET INTEREST CHARGES*		47,618,566
	NET INCOME		\$147,190,313

\*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (\$3,268,054)

**SAN DIEGO GAS & ELECTRIC COMPANY  
STATEMENT OF INCOME AND RETAINED EARNINGS  
THREE MONTHS ENDED MARCH 31, 2015**

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**3. RETAINED EARNINGS**

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	\$3,608,175,171
NET INCOME (FROM PRECEDING PAGE)	147,190,313
DIVIDEND TO PARENT COMPANY	-
DIVIDENDS DECLARED - PREFERRED STOCK	0
OTHER RETAINED EARNINGS ADJUSTMENTS	0
RETAINED EARNINGS AT END OF PERIOD	<u>\$3,755,365,484</u>

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**COST OF PROPERTY AND**  
**DEPRECIATION RESERVE APPLICABLE THERETO**  
**AS OF MARCH 31, 2015**

<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>130,750,032.14</u>	<u>44,123,923.34</u>
	TOTAL INTANGIBLE PLANT	<u>130,972,873.50</u>	<u>44,326,823.64</u>
310.1	Land	14,526,518.29	46,518.29
310.2	Land Rights	0.00	0.00
311	Structures and Improvements	94,373,291.24	36,558,156.06
312	Boiler Plant Equipment	166,496,015.17	62,428,319.39
314	Turbogenerator Units	131,184,022.25	41,460,062.21
315	Accessory Electric Equipment	85,658,938.03	29,923,835.25
316	Miscellaneous Power Plant Equipment	41,272,941.25	7,853,102.40
	Steam Production Decommissioning	<u>0.00</u>	<u>0.00</u>
	TOTAL STEAM PRODUCTION	<u>533,511,726.23</u>	<u>178,269,993.60</u>
320.1	Land	0.00	0.00
320.2	Land Rights	283,677.11	283,677.11
321	Structures and Improvements	277,056,869.05	271,035,015.47
322	Boiler Plant Equipment	591,918,694.87	414,486,820.04
323	Turbogenerator Units	144,904,264.99	137,460,463.10
324	Accessory Electric Equipment	173,367,620.53	168,082,213.69
325	Miscellaneous Power Plant Equipment	316,952,221.59	243,619,477.31
101	SONGS PLANT CLOSURE GROSS PLANT-	<u>(340,525,292.74)</u>	<u>(71,009,611.29)</u>
	TOTAL NUCLEAR PRODUCTION	<u>1,163,958,055.40</u>	<u>1,163,958,055.43</u>
340.1	Land	143,475.87	0.00
340.2	Land Rights	56,032.61	5,380.39
341	Structures and Improvements	22,703,423.92	5,518,875.81
342	Fuel Holders, Producers & Accessories	20,348,101.38	6,106,067.96
343	Prime Movers	85,663,135.71	27,626,417.85
344	Generators	341,381,604.65	110,916,508.39
345	Accessory Electric Equipment	32,506,374.56	10,216,465.20
346	Miscellaneous Power Plant Equipment	<u>26,202,255.74</u>	<u>11,384,098.55</u>
	TOTAL OTHER PRODUCTION	<u>529,004,404.44</u>	<u>171,773,814.15</u>
	TOTAL ELECTRIC PRODUCTION	<u>2,226,474,186.07</u>	<u>1,514,001,863.18</u>



<u>No.</u>	<u>Account</u>	<u>Original Cost</u>	<u>Reserve for Depreciation and Amortization</u>
350.1	Land	68,244,923.80	0.00
350.2	Land Rights	155,798,711.10	17,063,880.94
352	Structures and Improvements	382,472,816.08	51,239,619.90
353	Station Equipment	1,170,893,458.56	215,758,902.71
354	Towers and Fixtures	895,569,559.18	133,217,984.87
355	Poles and Fixtures	368,894,949.26	71,554,679.30
356	Overhead Conductors and Devices	514,229,156.93	201,687,115.41
357	Underground Conduit	331,712,940.31	39,958,824.13
358	Underground Conductors and Devices	353,266,375.08	40,986,206.59
359	Roads and Trails	305,809,689.05	19,330,074.79
101	SONGS PLANT CLOSURE GROSS PLANT-	(5,943,752.68)	(5,943,752.68)
	TOTAL TRANSMISSION	4,540,948,826.67	784,853,535.96
360.1	Land	16,176,227.80	0.00
360.2	Land Rights	82,330,177.09	37,427,330.56
361	Structures and Improvements	3,995,243.29	1,786,368.30
362	Station Equipment	469,255,160.23	130,401,112.93
363	Storage Battery Equipment	12,025,421.12	997,809.71
364	Poles, Towers and Fixtures	600,508,389.13	253,241,254.43
365	Overhead Conductors and Devices	477,508,481.33	183,559,955.49
366	Underground Conduit	1,066,629,378.30	424,034,465.89
367	Underground Conductors and Devices	1,382,191,806.27	829,622,471.36
368.1	Line Transformers	546,175,383.93	110,931,674.86
368.2	Protective Devices and Capacitors	22,765,556.57	(3,647,500.75)
369.1	Services Overhead	131,499,649.39	121,066,305.84
369.2	Services Underground	325,976,182.18	230,410,189.15
370.1	Meters	190,865,818.58	56,925,241.96
370.2	Meter Installations	55,670,470.16	14,189,379.17
371	Installations on Customers' Premises	7,898,830.34	10,791,007.41
373.1	St. Lighting & Signal Sys.-Transformers	0.00	0.00
373.2	Street Lighting & Signal Systems	26,593,201.69	19,356,966.47
	TOTAL DISTRIBUTION PLANT	5,418,065,377.40	2,421,094,032.78
389.1	Land	7,312,142.54	0.00
389.2	Land Rights	0.00	0.00
390	Structures and Improvements	32,300,384.48	23,115,761.04
392.1	Transportation Equipment - Autos	0.00	49,884.21
392.2	Transportation Equipment - Trailers	58,145.67	9,033.58
393	Stores Equipment	15,720.46	15,307.68
394.1	Portable Tools	22,720,448.31	7,334,000.50
394.2	Shop Equipment	341,135.67	231,299.92
395	Laboratory Equipment	2,145,336.65	133,688.42
396	Power Operated Equipment	60,528.93	117,501.67
397	Communication Equipment	237,155,596.48	84,603,439.90
398	Miscellaneous Equipment	2,991,920.73	445,861.22
	TOTAL GENERAL PLANT	305,101,359.92	116,055,778.14
101	TOTAL ELECTRIC PLANT	12,621,562,623.56	4,880,332,033.70

<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
	<b>TOTAL INTANGIBLE PLANT</b>	<b>86,104.20</b>	<b>86,104.20</b>
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	924,950.70
	<b>TOTAL STORAGE PLANT</b>	<b>2,096,606.26</b>	<b>968,942.72</b>
365.1	Land	4,649,143.75	0.00
365.2	Land Rights	2,232,343.80	1,317,475.09
366	Structures and Improvements	11,981,697.11	9,846,121.89
367	Mains	183,519,677.29	66,281,952.41
368	Compressor Station Equipment	84,133,772.55	67,175,328.79
369	Measuring and Regulating Equipment	20,941,863.45	15,965,808.80
371	Other Equipment	0.00	0.00
	<b>TOTAL TRANSMISSION PLANT</b>	<b>307,458,497.95</b>	<b>160,586,686.98</b>
374.1	Land	102,187.24	0.00
374.2	Land Rights	8,226,459.55	6,559,126.52
375	Structures and Improvements	43,446.91	61,253.10
376	Mains	640,411,868.46	346,684,467.27
378	Measuring & Regulating Station Equipment	17,808,313.53	7,350,535.44
380	Distribution Services	250,795,634.14	290,824,938.85
381	Meters and Regulators	155,192,999.65	49,554,738.62
382	Meter and Regulator Installations	91,239,969.20	33,010,128.27
385	Ind. Measuring & Regulating Station Equipment	1,516,810.70	1,135,235.66
386	Other Property On Customers' Premises	0.00	0.00
387	Other Equipment	5,223,271.51	4,852,912.81
	<b>TOTAL DISTRIBUTION PLANT</b>	<b>1,170,560,960.89</b>	<b>740,033,336.54</b>

<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	7,930,780.12	3,676,032.33
394.2	Shop Equipment	76,864.06	44,629.09
395	Laboratory Equipment	283,093.66	269,762.45
396	Power Operated Equipment	162,284.40	145,690.25
397	Communication Equipment	2,457,947.16	764,265.71
398	Miscellaneous Equipment	157,056.49	51,413.55
	TOTAL GENERAL PLANT	11,142,526.44	5,051,797.06
101	TOTAL GAS PLANT	1,491,344,695.74	906,726,867.50
<b>COMMON PLANT</b>			
303	Miscellaneous Intangible Plant	269,212,641.70	178,500,724.82
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	305,448,479.24	130,296,623.18
391.1	Office Furniture and Equipment - Other	26,321,488.32	12,574,340.36
391.2	Office Furniture and Equipment - Computer E	51,159,665.33	28,002,688.31
392.1	Transportation Equipment - Autos	33,942.29	(338,930.17)
392.2	Transportation Equipment - Trailers	33,369.38	24,278.83
393	Stores Equipment	79,141.34	59,194.74
394.1	Portable Tools	1,232,026.51	272,448.83
394.2	Shop Equipment	213,047.56	132,248.69
394.3	Garage Equipment	1,094,037.06	113,985.85
395	Laboratory Equipment	1,997,982.48	856,558.56
396	Power Operated Equipment	0.00	(192,979.10)
397	Communication Equipment	175,055,442.60	60,688,034.19
398	Miscellaneous Equipment	2,287,818.69	1,310,728.31
118.1	TOTAL COMMON PLANT	842,418,958.21	412,327,721.74
	TOTAL ELECTRIC PLANT	12,621,562,623.56	4,880,332,033.70
	TOTAL GAS PLANT	1,491,344,695.74	906,726,867.50
	TOTAL COMMON PLANT	842,418,958.21	412,327,721.74
101 & 118.1	TOTAL	14,955,326,277.51	6,199,386,622.94
101	PLANT IN SERV-SONGS FULLY RECOVER	(1,163,958,055.43)	(1,163,958,055.43)
101	PLANT IN SERV-ELECTRIC NON-RECON Electric	(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-SUNRISE FIRE MITIGATION		
	Electric	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
118	PLANT IN SERV-COMMON NON-RECON		
	Common - Transferred Asset Adjustment	(1,652,471.31)	(1,652,471.31)
		<u>(1,652,471.31)</u>	<u>(1,652,471.31)</u>
101	Accrual for Retirements		
	Electric	(3,582,874.22)	(3,582,874.22)
	Gas	(122,174.11)	(122,174.11)
		<u>(3,705,048.33)</u>	<u>(3,705,048.33)</u>
	TOTAL PLANT IN SERV-ACCRUAL FOR RE	<u>(3,705,048.33)</u>	<u>(3,705,048.33)</u>
102	Electric	0.00	0.00
	Gas	0.00	0.00
		<u>0.00</u>	<u>0.00</u>
	TOTAL PLANT PURCHASED OR SOLD	<u>0.00</u>	<u>0.00</u>
104	Electric	85,194,000.02	9,264,542.12
	Gas	0.00	0.00
		<u>85,194,000.02</u>	<u>9,264,542.12</u>
	TOTAL PLANT LEASED TO OTHERS	<u>85,194,000.02</u>	<u>9,264,542.12</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	623,130,934.78	
	Gas	122,268,270.58	
	Common	115,005,306.22	
		<u>860,404,511.58</u>	<u>0.00</u>
	TOTAL CONSTRUCTION WORK IN PROGRESS	<u>860,404,511.58</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	999,116,107.65
	TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING	0.00	999,116,107.65
101.1	ELECTRIC CAPITAL LEASES	837,939,281.00	154,695,369.00
118.1	COMMON CAPITAL LEASE	19,634,004.78	18,308,057.38
		857,573,285.78	173,003,426.38
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	271,718,404.13	(933,420,294.69)
	SONGS Plant Closure - FAS 143 contra	(270,338,553.03)	(61,166,058.00)
	FIN 47 ASSETS - Non-Legal Obligation	69,819,775.07	28,560,831.60
143	FAS 143 ASSETS - Legal Obligation	0.00	(1,342,317,463.35)
	TOTAL FAS 143	71,199,626.17	(2,308,342,984.44)
	UTILITY PLANT TOTAL	15,669,149,611.85	3,903,112,139.58

**SAN DIEGO GAS & ELECTRIC COMPANY  
SUMMARY OF EARNINGS  
THREE MONTHS ENDED MARCH 31, 2015  
(DOLLARS IN MILLIONS)**

<u>Line No.</u>	<u>Item</u>	<u>Amount</u>
1	Operating Revenue	\$1,082
2	Operating Expenses	<u>908</u>
3	Net Operating Income	<u><u>\$174</u></u>
4	Weighted Average Rate Base	\$7,225
5	Rate of Return*	7.79%

\*Authorized Cost of Capital

**APPENDIX H**  
**Estimated Project Costs**

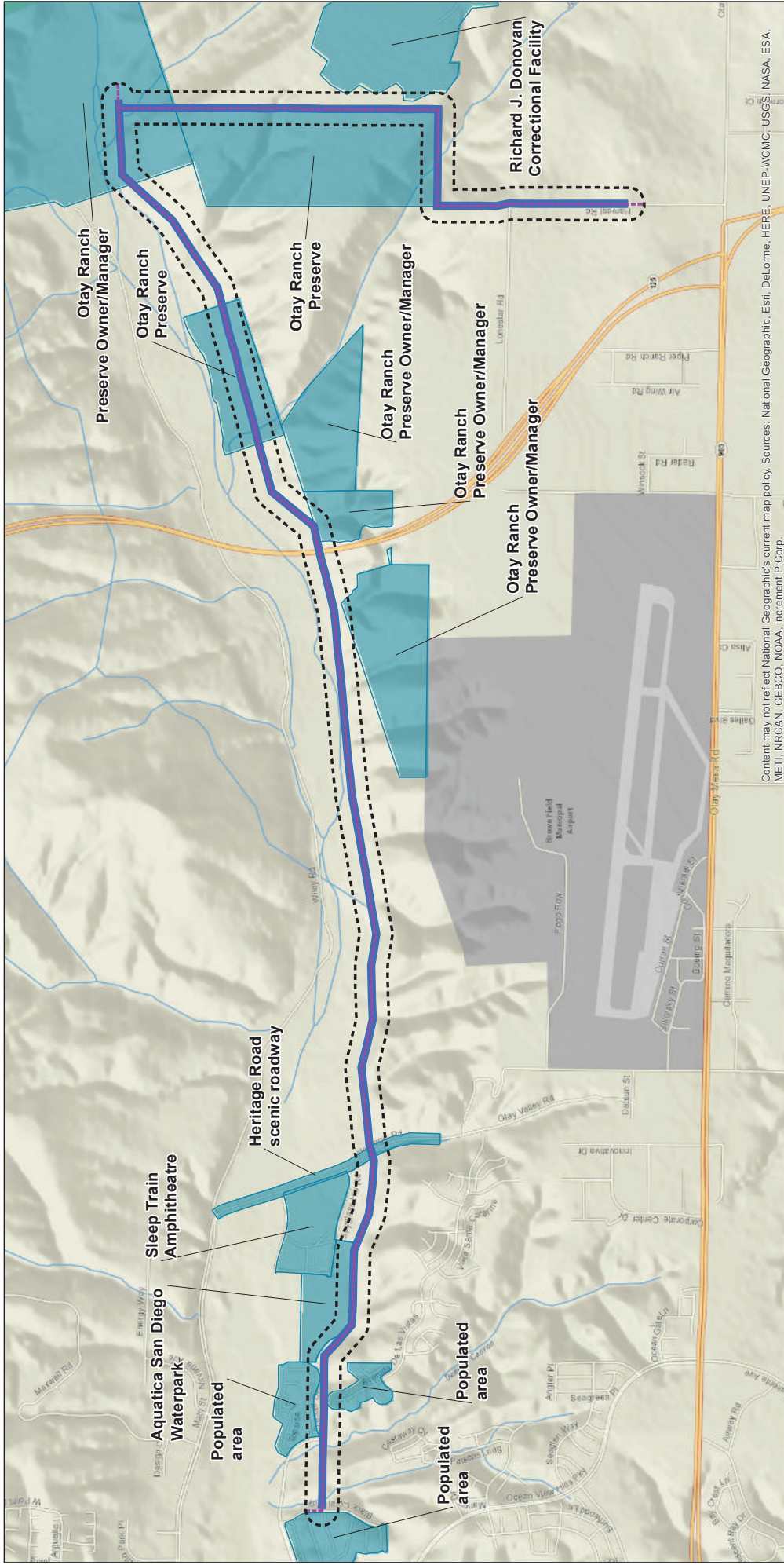
## **Tie Line 649 Wood-to-Steel Pole Replacement Project**

### **Estimated Project Costs**

The Proposed Project is estimated to cost **\$11,900,000 to \$14,500,000**. 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**



# Wood to Steel Project TL 649 Overview Map

Version Date: 7/15/2015  
1 inch = 1,800 feet @ 11" x 17"

**Project Data**

- Project power line
- 300 ft buffer of proposed route
- Existing power line within 300 ft of proposed route

Within 300 ft of proposed route:  
populated areas,  
parks, recreational  
areas, scenic areas



SDG&E is providing this map with the understanding that the map is not survey grade.

Requested By: Andy Renger  
Created by: dweritz

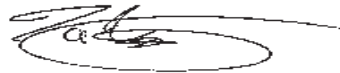
**APPENDIX J**  
**List of Governmental Agencies Consulted and Statement of Position**

## **DECLARATION OF SERVING A WRITTEN REQUEST FOR A BRIEF POSITION STATEMENT**

I, Todd Voorhees, am a Regional Public Affairs 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 Tie Line (TL) 649 Pole Replacement Project filed with the California Public Utilities Commission. To the best of my own knowledge and belief as of the date of this declaration no agency has submitted a position statement to SDG&E.

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

Executed on this 4th day of August, 2015, at San Diego, California.



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Todd Voorhees  
Regional Public Affairs Manager, SDG&E

**List of Agencies:**

County of San Diego  
City of San Diego  
City of Chula Vista  
California Native American Heritage Commission  
U.S. Senator Dianne Feinstein  
U.S. Senator Barbara Boxer  
Congressman Juan Vargas  
State Senator Ben Hueso  
Assembly Member Lorena Gonzalez  
Assembly Member Marty Block  
Supervisor Greg Cox  
City Councilmember David Alvarez  
City of Chula Vista Mayor and Council Members  
City of Chula Vista Police Department  
City of Chula Vista Fire Department  
City of Chula Vista Planning Commission