BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

In The Matter of the Application of SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E) for a Permit to Construct The TL 6931 Fire Hardening / Wind Interconnect Project	Application 12-12-____

APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E) FOR A PERMIT TO CONSTRUCT THE TL 6931 FIRE HARDENING/ WIND INTERCONNECT PROJECT

(VOLUME I OF II)

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December 13, 2012

#273591

TABLE OF CONTENTS

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I. INTRODUCTION

Pursuant to General Order (GO) 131-D, the California Environmental Quality Act **(**CEQA**),** the California Public Utilities Code, and the Rules of Practice and Procedure of the California Public Utilities Commission (Commission), San Diego Gas & Electric Company (SDG&E) files this Application (Application) for a Permit to Construct (PTC) the TL 6931 Fire Hardening / Wind Interconnect Project (Proposed Project). As set forth in the accompanying Proponent's Environmental Assessment (PEA), the primary objectives of the Proposed Project includes fire hardening an approximately 5.2 mile segment of existing power line facilities (TL 6931), and providing a new generation interconnection circuit to Boulevard East Substation for the Shu'luuk Wind Project, assuming the Shu'luuk Wind Project is approved and constructed. The proposed in-service date for the new power line facilities is December 2014. A complete project

description is included in the PEA, which is Volume II of this application. The PEA will be referenced in this Application pursuant to GO 131-D, Section IX.B.1.e.[1]

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 is located south of I-8 and Old Highway 80 and traverses the Live Oak Springs and the Boulevard community areas in southeast San Diego County, California, approximately 10 miles north of the United States (U.S.)-Mexico border, 15 miles west of the Imperial County border, and 50 miles east of downtown San Diego.

The utility is proposing this Project to fire harden existing 69 kilovolt (kV) wood pole power line facilities (TL 6931) located within a high fire risk area, and to provide new interconnection facilities necessary for the Shu'luuk Wind Project.

The Shu'luuk Wind Project is proposed to be constructed on the Campo Indian Reservation and is currently being reviewed pursuant to the National Environmental Policy Act (NEPA) with the Bureau of Indian Affairs (BIA) in the role of lead agency.

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

The BIA is drafting an Environmental Impact Statement (EIS), which was anticipated to be released for public review in December 2012.

B. Project Objectives

The Proposed Project is being proposed to meet the following primary objectives:

- Fire harden the existing system by replacing the existing 69 kV wood pole structures with steel poles that include 138 kV class insulators and vertical spacing.

- Provide the interconnection facilities for the Shu'luuk Wind Project or a vacant position to allow for the addition of a second circuit when needed in the future.

Fire Hardening TL 6931

As a result of the fires in San Diego County in 2003, 324 wood transmission poles and 45 miles of transmission line were repaired at a cost of approximately $7 million. As a result of the fires in 2007, 309 wood transmission poles were replaced, and 56 miles of transmission line were repaired at a cost of approximately $16 million. Transmission line outages due to fires have a serious impact on utility electric system reliability and the resulting loss of electric service can debilitate emergency services and SDG&E customers' abilities to cope during a fire emergency.

SDG&E previously identified TL 6931 to be rebuilt from wood poles to steel poles as part of SDG&E's ongoing efforts to replace existing wood poles with steel poles in high risk fire areas. TL 6931 feeds the Crestwood and Boulevard Substations, as well as distribution circuits 444, 445, and 1215 which provide power to approximately 1,400 customers. Customers fed by these distribution circuits include Mountain Empire Unified School District, AT&T, Cingular, Sprint PCS, T-Mobile, and Verizon as well as

local government, fire, and law enforcement. As such, safe and reliable operation of TL 6931 is a priority.

The immediate and long-term benefits from these pole replacements include improved electric reliability available for company substations and the above-mentioned critical community infrastructure. Additionally, the average age of the poles being replaced is 35 years, and the majority of these poles have exceeded their expected useful life (30 years). During this pole replacement work, phase spacing will be increased and longer polymer insulators will be installed, thus reducing outage potential, improving contamination resistance, reducing estimated facility maintenance, maximizing equipment life span potential, and providing superior avian protection. Therefore, regardless of whether the other components of the Proposed Project are approved and constructed, the existing wood poles along this ROW would be rebuilt in the future with steel poles of similar configuration as envisioned under the Proposed Project. If constructed as a separate project, the rebuild of TL 6931 would likely either be coordinated with the CPUC through an Advice Letter or proceed as a categorically exempt activity.

Interconnection Facilities

A primary purpose of the Proposed Project is to provide the interconnection facilities for the Shu'luuk Wind Project. The Wind Project's Interconnection request to the CAISO is for 138 kV voltage at the Boulevard East Substation. Also note that a lower voltage interconnection would not efficiently deliver the Shu'luuk Wind Project's output; the circuit to accommodate the interconnect has been proposed at 138 kV (one of the standard voltage classes in SDG&E's system). The proposed approximately 5.2-

mile-long interconnection circuit would connect the Shu'luuk Wind Project to the existing Boulevard Substation[2] and serve as the interconnection to the SDG&E electric grid.

SDG&E is obligated to interconnect/accommodate interconnection of generation projects that submit an interconnection request subject to the CAISO's Federal Energy Regulatory Commission (FERC) approved tariff.

In the event the Shu'luuk Wind Project is not constructed, TL 6931 will be rebuilt with a vacant position, which will facilitate the addition of a second circuit when needed in the future.

The Proposed Project components, their locations, preliminary configuration, and the existing and proposed system configuration are presented in Chapter 2, *Purpose and Need* of the PEA, Volume II of this application.

C. Project Description

The Proposed Project includes the following main components:

- On the west end of the project, at the Campo Reservation boundary on private property, a double circuit steel pole deadend structure will be installed.
- Approximately 5.2 miles of TL 6931 from the Campo Reservation boundary to the Boulevard Substation will be fire hardened by replacing or modifying approximately 49 existing wood, single-circuit 69 kV poles with approximately 53 double-circuit dull galvanized steel poles. Additionally, two temporary wood poles will be installed for the interconnection of TL 6931 to the Boulevard East Substation until the existing Boulevard Substation is demolished at which time the two temporary wood poles would be removed. The proposed new steel poles will include 138 kV class insulators and vertical spacing and will provide for a second circuit on the rebuilt TL 6931. The new second circuit would be either a 138 kV generation interconnection circuit for

[2] The Boulevard Substation is scheduled to undergo a rebuild pursuant to a PTC issued by this Commission in proceeding A.09-08-003.

the proposed Shu'luuk Wind Project (in the event that project is constructed) or a vacant position for a second circuit to be installed as needed in the future.

- On the east end of the project, a new double circuit steel cable pole will be installed. From Pole 52 to the Boulevard East Substation the 138 kV line will be constructed underground and the 69kV line will be constructed overhead. The approximately 750 foot underground 138 kV line will be generally constructed under existing roads, while a temporary 730 foot long 69 kV line will be built overhead and used as the interconnection to the Boulevard East Substation until the Boulevard Substation is demolished. Once the Boulevard East Substation is constructed, a new right-of-way (ROW) for the permanent 550 foot long 69 kV overhead line will be required.
- Other ancillary facilities required to implement the Proposed Project, including 13 new permanent access roads for access and 3 permanent helicopter landing zones to facilitate on-going maintenance of the Proposed Project, and any temporary facilities required for construction (e.g., staging areas, guard structures, and temporary wood poles to accommodate TL 6931 interconnection to the Boulevard East Substation).
- The Proposed Project will also result in certain modifications to existing 12kV distribution facilities

The Proposed Project components, their locations, preliminary configuration, and the existing and proposed system configuration are presented 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:[3]

[3] 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").

A. Rule 2.1(a) – (c)

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

1. Statutory Authority

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

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

The applicant is San Diego Gas & Electric Company, a corporation organized and existing under the laws of the State of California, and an investor-owned public utility as defined by Section 216 (a) and 218 (a), respectively, of the California Public Utilities Code, and engaged in the business of purchasing, selling, generating, transmitting, distributing, and providing electric and gas energy service to approximately 3.4 million consumers through 1.4 million electric meters and more than 840,000 natural gas meters throughout San Diego County and in a portion of southern Orange County, California. The utility's service area spans 4,100 square miles and 25 cities and unincorporated areas in southwestern California, United States. The activities of SDG&E are regulated by this Commission and by the Federal Energy Regulatory 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
101 Ash Street, HQ12B
San Diego, California 92112
Tel: (619) 699-5162
Fax: (619) 699-5027
ATrial@semprautilities.com

with copies to:

LINDA WRAZEN
Regulatory Case Administrator
San Diego Gas & Electric Company
8330 Century Park Court, CP32D
San Diego, CA 92123
Tel: (858) 637-7914
Fax: (858) 654-1788
LWrazen@semprautilities.com

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 facilities 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.

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.

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 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:

ACTION	DATE
Application filed	December 13, 2012
Provide Notice of Filing of Application by direct mail, advertisement and on-site posting	December 26, 2012 (Within 10 days after filing)
File a Declaration of Mailing and Posting	December 31, 2012 (Within 5 days of completion)
Application Completeness Determination by Commission	January 14, 2013 (30 days after Application filed)
Last Date for Protest and Request for Public Hearings	January 14, 2013 (30 days after notice[4])
Draft EIR or Negative Declaration Issued by Commission for Public Comment	April 1, 2013 (105 days)
Close of Public Comment Period on Draft EIR or Negative Declaration	May 15, 2013 (45 days after notice of availability)
Proposed Date for Release of Final EIR or Negative Declaration	June 2013
Draft Decision Issued	July 2013
Ex Parte Decision Issued. Final CEQA Document Certified.	September 2013

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

[4] 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.

on August 31, 2009 in connection with SDG&E's Application No. 09-08-019, and is incorporated herein by reference.

C. Rule 2.3 – Financial Statement

SDG&E's financial statement, balance sheet and income statement for the six-month period ending September 30, 2012 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 the PEA portion of this application as Volume II of 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 Projects are not intended to compete with the projects of any other entity. A map of the Proposed Projects is contained in Appendix J. Additional maps showing the location or route under consideration for the projects and are included in the 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. Nonetheless, please refer to Section III.B of this Application and 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 projects in Appendix I.

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 not withstanding, 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/regulatory/currentEffectiveTariffs.shtml.

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 SDG&E's most recent proxy statement, dated April 27, 2012, as sent to all shareholders of SDG&E's Parent Company, Sempra Energy, was mailed to

the California Public Utilities Commission on May 02, 2012, 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.A.B.

In accordance with Section IX.A.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 power line route or substation location

See Appendix J and the relevant portions of the POD, Volume II of this application.

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

See the PEA, Volume II of this application.

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

A Listing of governmental agencies consulted and statements of position is contained in Appendix H.

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 Listing of Governmental Agencies Consulted and Statements of Position

Appendix I Estimated Cost Range for Proposed Project

Appendix J Map of Proposed Project

Volume II Proponent's Environmental Assessment

VII. CONCLUSION

Wherefore, SDG&E requests that the Commission (1) accept its application as complete; (2) prepare an appropriate CEQA document 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 TL 6931 Fire Hardening / Wind Interconnect Project, as described in this application and the supporting documents.

DATED this 13th day of December 2012, at San Diego, California.

Respectfully submitted,

SAN DIEGO GAS & ELECTRIC COMPANY

By: _____
DAVID L. GEIER
Vice President, Electric Operations

SAN DIEGO GAS & ELECTRIC COMPANY

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

ALLEN K. TRIAL
Attorney for:

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E-Mail: Atrial@sempra.com

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 TL 6931 FIRE HARDENING/ WIND INTERCONNECT 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 13th day of December 2012, at San Diego, California.

DAVID L. GEIER
Vice President, Electric Operations

SAN DIEGO GAS & ELECTRIC COMPANY

APPENDIX A
Proposed Construction Schedule

Proposed Construction Schedule – San Diego Gas & Electric Company (SDG&E) TL 6931 Fire Hardening /Wind Interconnect Project

Project Segment		Months	Anticipated Start Date
Obtain CPUC permit			February 2014
Mark out utilities		1	February 2014
Stage materials & equipment		1	March 2014
Begin site/access road grading		3	April 2014
Drill steel pole foundation holes		3	July 2014
Install foundations		3	September 2014
Install steel poles		3	September 2014
Install OH conductor		2	October 2014
Install underground vault		3 Days	April 2014
Trench and install conduit from cable pole to Boulevard Substation		2 Weeks	April 2014
Clean and mandrel UG conduit		5 Days	May 2014
Install UG cable		10 Days	May 2014
Install UG cable splices		2	May 2014
Commission test UG cable		5 Days	June 2014
Energize		0	December 2014

- **Start Dates Dependent Project Approval Date**
- **Assumes an December 2012 filing**

APPENDIX B
Draft Notice of Application

NOTICE OF APPLICATION FOR A PERMIT TO CONSTRUCT

San Diego Gas & Electric Company (SDG&E) TL 6931 Fire Hardening / Wind Interconnect Project

Date: December 13, 2012 **CPUC Application No.: 12-12-XXX**

- **Proposed Project:** San Diego Gas & Electric Company (SDG&E) has filed an application with the California Public Utilities Commission (CPUC) for a Permit to Construct the San Diego Gas & Electric (Proposed Project). As presented by SDG&E, and further described in the Proponent's Environmental Assessment (PEA). The Proposed Project is needed to fire harden an existing 69 kilovolt (kV) wood pole power line (TL 6931) located within a high fire risk area and to provide the interconnection facilities necessary for the Shu'luuk Wind Project. The Proposed Project includes the following elements:

- Approximately 5.2 miles of TL 6931 from the Campo Reservation boundary to the Boulevard Substation will be fire hardened by replacing or modifying approximately 49 existing wood, single-circuit 69 kV poles with approximately 53 double-circuit dull galvanized steel poles.

- A new second circuit would be configured as either a 138 kV generation interconnection circuit for the proposed Shu'luuk Wind Project (in the event that project is constructed) or a vacant position for a second circuit to be installed as needed in the future.

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 substation and associated facilities. The PEA concludes there are no unmitigable environmental impacts to the area as a result of the Proposed Project.

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 Rules of Practice and Procedure, within 30 calendar days of the date of notice that this Application appears in the CPUC calendar, you may protest and request that the CPUC hold hearings on this 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 AND Attorney for SDG&E 101 Ash Street, HQ12 San Diego, CA 92101	Linda Wrazen AND SDG&E Regulatory Affairs 8330 Century Park Court, CP 32D San Diego, CA 92123	Director, Energy Division California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102

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 4th St., Ste. 500, Los Angeles CA 90013 or send an e-mail to: public.advisor.la@cpuc.ca.gov. Any letters received from you will be

circulated to each Commissioner and will become part of the formal correspondence file in the application. In your letter, state that your comments are regarding Application No. A.12-12-XXX.

FOR FURTHER INFORMATION

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

436 H St.
Chula Vista, CA 91910

104 North Johnson Ave.
El Cajon, CA 92020

320 W. Mission Ave.
Escondido, CA 92025

2405 Plaza Blvd.
National City, CA 91950

336 Euclid Ave., Suite 502
San Diego, CA 92102

440 Beech St.
San Diego, CA 92101

2604 El Camino Real, Ste. B
Carlsbad, CA 92008

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

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., are listed in the PEA, Section 1-B: Stakeholder List, and are incorporated herein by reference.

LIST OF PUBLIC AGENCIES AND OTHER INTERESTED PARTIES

THE CITY OF SAN DIEGO
KELLY BROUGHTON, DEPTUY DIRECTOR
1222 FIRST AVE. - MS 501
SAN DIEGO, CA 92101-4155

MR. JAMES GOLDSTENE, EXECUTIVE DIRECTOR
CALIFORNIA STATE AIR RESOURCES CONTROL BOARD
1001 "I" STREET
P.O. BOX 2815
SACRAMENTO, CA 95814

COUNTY OF SAN DIEGO
MARK WARKLAW, DIRECTOR
DEPARTMENT OF PLANNING
AND DEVELOPMENT SERVICES
5510 OVERLAND AVENUE
SAN DIEGO, CA 92123

COUNTY OF SAN DIEGO PLANNING COMMISSION
DAVID PALLINGER, CHAIR
5510 OVERLAND AVENUE
SAN DIEGO, CA 92123

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

CALIFORNIA PUBLIC UTILITIES COMMISSION
AMY BAKER
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102

CALIFORNIA PUBLIC UTILITIES COMMISSION
DOCKET OFFICE
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102

CALIFORNIA ENERGY COMMISSION
ROBERT OGLESBY
EXECUTIVE DIRECTOR
1516 NINTH STREET, MAIL STOP 39
SACRAMENTO CA 95814

CALIFORNIA DEPARTMENT OF TRANSPORTATION
DIVISION OF AERONAUTICS
GARY CATHEY, DIVISION CHIEF
1120 N STREET, RM 3300
SACRAMENTO CA 95814

CALIFORNIA RESOURCES AGENCY
JOHN LAIRD, SECRETARY OF RESOURCES
1416 9TH STREET, SUITE 1311
SACRAMENTO CA 95814

CA DEPARTMENT OF FISH & GAME
MR. WILLIAM TIPPETS
NCCP FIELD SUPERVISOR
3883 RUFFIN ROAD
SAN DIEGO CA 92123

DEPARTMENT OF PUBLIC HEALTH
DR. RON CHAPMAN, DIRECTOR
1615 CAPITOL AVENUE
SACRAMENTO, CA 95814-5015

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD
THOMAS HOWARD, EXECUTIVE DIRECTOR
1001 “I” STREET
SACRAMENTO, CA 95814

CALIFORNIA AIR RESOURCES BOARD
MARY D. NICHOLS, BOARD CHAIRMAN
1001 “I” STREET
P. O. BOX 2815
SACRAMENTO CA 95814

CALIFORNIA DEPARTMENT OF TRANSPORTATION
RICHARD LAND, CHIEF DEPUTY DIRECTOR
4050 TAYLOR ST.
SAN DIEGO CA 92110

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
DAVID W. GIBSON, EXECUTIVE OFFICER
SAN DIEGO REGION
9174 SKY PARK COURT, SUITE 100
SAN DIEGO CA 92123-4340

CALIFORNIA COASTAL COMMISSION
CHARLES LESTER
EXECUTIVE DIRECTOR
45 FREMONT STREET, SUITE 2000
SAN FRANCISCO, CA 94105

BUREAU OF LAND MANAGEMENT
MARGARET GOODRO, FIELD MGR.
EL CENTRO FIELD OFFICE
1661 S. 4TH STREET
EL CENTRO, CA 92243

FEDERAL AVIATION ADMINISTRATION
MR. WILLIAM WITHYCOMBE
WESTERN PACIFIC DIVISION
ADMINISTRATOR
P.O. BOX 92007 WPC
LOS ANGELES CA 90009

US FISH AND WILDLIFE SERVICE,
CARLSBAD FIELD OFFICE
JIM BARTEL, FIELD SUPERVISOR
6010 HIDDEN VALLEY RD., SUITE 101
CARLSBAD, CA 92011

US ARMY CORP OF ENGINEERS
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REGULATORY PROJECT MANAGER
SAN DIEGO FIELD OFFICE
6010 HIDDEN VALLEY RD, SUITE 105
CARLSBAD, CA 92011-4213

US ARMY CORP OF ENGINEERS
ROBERT REVO SMITH JR., P.E.,
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REGULATORY PROJECT MANAGER
SAN DIEGO FIELD OFFICE
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CARLSBAD, CA 92011-4213

BUREAU OF INDIAN AFFAIRS
LENORE LAMB
NATURAL RESOURCES OFFICER
SOUTHERN CALIIFORNIA AGENCY
1451 RESEARCH PARK DRIVE
SUITE 100
RIVERSIDE, CA 92507

CAMPO KUMEYAAY NATION
RALPH GOFF, CHAIR
TRIBAL ADMINISTRATION BUILDING
36190 CHURCH ROAD SUITE 1
CAMPO CALIFORNIA, 91906

SAN DIEGO RURAL FIRE PROTESTION DISTRICT
J.R. TERRY, CHAIR
14024 PEACEFUL VALLEY RANCH ROAD
JAMUL, CA 91935

COUNTY OF SAN DIEGO
SUPERVISOR DIANNE JACOB
1600 PACIFIC HIGHWAY
SAN DIEGO, CA 91901

CONGRESSMAN DUNCAN HUNTER
52ND CONGRESSIONAL DISTRICT
1870 CORDELL COURT #206
EL CAJON, CA 92010

SENATOR JOEL ANDERSON
CALIFORNIA SENATE DISTRICT 36
500 FESLER STREET, SUITE 201
EL CAJON, CA 92020

ASSEMBYLMAN BRIAN JONES
77TH ASSEMBLY DISTRICT
10152 MISSION GORGE ROAD
SANTEE, CA 92017

BOULEVARD COMMUNITY PLANNING GROUP
DONNA TISDALE, CHAIR
P.O. BOX 1275
BOULEVARD, CA 91905

CAMPO/LAKE MORENA COMMUNITY
PLANNING GROUP
JACK WHITE, CHAIR
29445 YAWEH LANE
CAMPO, CA 91906

LIST OF PROPERTY OWNERS

2300 LIVE OAK SPRINGS
875 ADA STREET
CHULA VISTA, CA 91911

BLACKBURN FAMILY TRUST
P.O. BOX 1277
BOULEVARD, CA 91905

RICHARD W. BOHLANDER
P.O. BOX 2735
EL CENTRO, CA 92244

BOULEVARD PROPERTIES PARTNERSHIP
12543 PINE CREEK ROAD
CERRITOS, CA 90703

BOWEN FAMIILY TRUST
P.O. BOX 2444
ALPINE, CA 91903

THOMAS E. CALGARO TRUST
P.O. BOX 1532
BOULEVARD, CA 91905

UTE E. CERVANTES
576 BANTA ROAD
IMPERIAL, CA 92251

EVA C. CLARK
4750 70TH STREET
LA MESA, CA 91942

ROBERT & CYNDIA CLARK
P.O. BOX 1393
BOULEVARD, CA 91905

JAMES L. DIMAGGIO
2071 ROSS AVENUE
BOULEVARD, CA 91905

JERI DOKULIL
2132 TULE JIM LANE
BOULEVARD, CA 91905

CARSON W. EAGLE
2039 JEWEL VALLEY ROAD
BOULEVARD, CA 91905

SANDRA EVANS
P.O. BOX 1256
BOULEVARD, CA 91905

ROBERT L. FOX
2102 DEERPARK DRIVE
SAN DIEGO, CA 92110

ROBERT L. & MELE C. FOX
2102 DEERPARK DRIVE
SAN DIEGO, CA 92110

TIM FOX
2102 DEERPARK DRIVE
SAN DIEGO, CA 92110

CANDI FREED
38292 HIGHWAY 94
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GREGORY G. GROSSET
P.O. BOX 1501
BOULEVARD, CA 91905

SHEILA HASKETT
P.O. BOX 1312
BOULEVARD, CA 91905

FRANK & SUSAN HOFSTEE FAMILY TRUST
1491 CURTIS LANE
ALPINE, CA 91901

HOME EQUITY ASSET TRUST
180 5TH STREET
SAINT PAUL, MN 55101

GARY C. HOYT
2052 FLYING CLOUD PLACE
BOULEVARD, CA 91905

CHRISTOPHER B. HUBBARD
401 68TH STREET
SAN DIEGO, CA 92114

HUFF FAMILY
P.O. BOX 4243
DIAMOND BAR, CA 91765

HARRY L. HURD
38250 HIGHWAY 94
BOULEVARD, CA 91905

PATRICIA M. & PAUL J. ISHAM
P.O. BOX 1459
BOULEVARD, CA 91905

JOHN P. & JULY L. KELLY
8845 WHITEPORT LANE
SAN DIEGO, CA 92119

ALICE KEYSER
1222 MERRITT DRIVE
EL CAJON, CA 92020

SHIRLEY J. & JAMES H. KIN
16372 MARUFFA CIRCLE
HUNTINGTON BEACH, CA 92649

LAIR FAMILY TRUST
2388 VANCOUVER AVENUE
SAN DIEGO, CA 92104

CHERYL J. LENZ LIVING TRUST
2040 ROSS AVENUE
BOULEVARD, CA 91905

LIVE OAK HOLDING LLC
P.O. BOX 1241
BOULEVARD, CA 91905

LOOKKO FAMILY
16372 MARUFFA CIRCLE
HUNTINGTON BEACH, CA 92649

MIKE & LORI LUONGO
40550 EADY LANE
BOULEVARD, CA 91905

GEORGE N. MATESZ FAMILY TRUST
40152 OLD HIGHWAY 80
BOULEVARD, CA 91905

JAY M. McCOLL
9144 PARADISE PARK DRIVE
LAKESIDE, CA 92040

JOHN JR. AND MEMORY S. McGOVERN
6811 ELMORE STREET
SAN DIEGO, CA 92111

DAVID P. AND MARY P. MOMBERG
2126 ROSS AVENUE
BOULEVARD, CA 91905

STEPHANIE W. MONAHAN
29 CARMEL DRIVE
NOVATO, CA 94952

CARLOS J. & CLOTILDE NAVA
1404 US HIGHWAY 111
EL CENTRO, CA 92243

CHRISTOPHER A. NOLAND
8445 GRAVES AVE
SANTEE, CA 92071

JAMES T. O'CONNOR
37753 OLD HIGHWAY 80
BOULEVARD, CA 91905

CRISTINA G. & LAURO PRIJOLES
11373 SPIT FIRE ROAD
SAN DIEGO, CA 92126

GLADYS L. PRITCHETT
8265 SOLANA STREET
SAN DIEGO, CA 92114

JOHN M. ROBINSON
252 NODEN STREET
EL CAJON, CA 92020

ESTHER & HUMBERTO RODRIGUEZ
40601 OLD HIGHWAY 80
BOULEVARD, CA 91905

LINDA L. & FRANCIS J. SACCO
2385 GRADE ROAD
ALPINE, CA 91901

SAN DIEGO GAS & ELECTRIC
40749 OLD HIGHWAY 80
BOULEVARD, CA 91905

DAVID SEMPSROTT
6607 BROADWAY
SAN DIEGO, CA 92114

JAIME & ROSALIND SERVIN
1621 A STREET
BRAWLEY CA 92227

DOLORES & ENRIQUE SOTO
2033 JEWEL VALLEY ROAD
BOULEVARD, CA 91905

JOHN, HOWARD & SUZANNE STORM
39325 LILLIE LANE
BOULEVARD, CA 91905

TBO REALTY LLC
2246 FEDERAL AVE
LOS ANGELES, CA 90064

JOHN AND LUPE VALENZUELA
268 ORANGE AVENUE
EL CENTRO, CA 92243

MARIA VIZZIELLI
11534 111TH AVENUE
SOUTH OZONE PARK, NY 11420

MARIA VIZZIELLI
11534 111TH AVENUE
SOUTH OZONE PARK, NY 11420

AMY AND DEBS WEISIGER
39235 HIGHWAY 94
BOULEVARD, CA 91905

PUBLIC REVIEW LOCATIONS

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

426 H STREET
CHULA VISTA, CA 91910

336 EUCLID AVENUE, SUITE 502
SAN DIEGO, CA 92102

104 NORTH JOHNSON AVENUE
EL CAJON, CA 92020

440 BEACH STREET
SAN DIEGO, CA 92101

320 W. MISSION AVENUE
ESCONDIDO, CA 92025

2406 PLAZA BOULEVARD
NATIONAL CITY, CA 91950

2604 EL CAMINO REAL, SUITE B
SAN DIEGO, CA 92008

2405 PLAZA BLVD.
NATIONAL CITY, CA 91950

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

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

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

East County Gazette
201 S. Sunshine Avenue
El Cajon, CA 92020

The Alpine Sun
2144 Alpine Blvd.
Alpine, CA 91901

The East County Herald
9115 Sinsonte Lane
Lakeside, CA 92040

Imperial Valley Press
205 N. 8th Street
El Centro, CA 92243

APPENDIX E
Draft Declaration of Posting of Notice

DECLARATION OF POSTING (DRAFT)

I, Thomas Carr, am a Project Manager San Diego Gas & Electric Company. On December __, 2012, I posted the site for the proposed San Diego Gas & Electric Company (SDG&E) TL 6931 Fire Hardening / Wind Interconnect 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 December 2012, at San Diego, California.

_____

Thomas Carr
Project Manager, SDG&E

APPENDIX F
Magnetic Field Management Plan

Detailed Magnetic Field Management Plan for the SDG&E - Wind Interconnect / TL6931 Fire-Hardening Project

Project Manager:	**Tom Carr**
Project Engineer:	**Myles Still** (Transmission)
Project Designer:	**Flynn Ortiz** (Transmission)
Project Workorder No.:	**WO 2596326-R1**
In-Service Date:	**Jan 2015**
Transmission Lines:	**TL6931 and new 138kV**
Central File No.:	**ELA 140.B.XX**

Prepared by: Gerald Bennett – Transmission portion
John Baranowski - Substation portion
Date: 11/29/2012
Technical Analysis: Vahid Zakeri - TLine Engineering

Table of Contents

I. Project Scope

This SDG&E Wind Interconnection / TL6931 Fire-Hardening Project (Proposed Project) is to provide the interconnection facilities for the Shu'luuk Wind Project, which is proposed to be constructed on the Campo Indian Reservation. In addition, because the proposed interconnection facilities are located within an existing transmission corridor and will replace existing wood power poles with steel poles, the Proposed Project will fire harden an existing 69 kV transmission line (TL), TL 6931.

The Proposed Project is located in the Boulevard area of southeastern San Diego County, California, approximately 10 miles north of the United States (U.S.)-Mexico border, 15 miles west of the Imperial County border, and 50 miles east of downtown San Diego. The "Appendix 1: SDG&E Wind Interconnect/TL6931 Fire-Hardening Project – Segment 1 Map" displays the Proposed Project and transmission line locations.

The Proposed Project is to meet the following fundamental objectives:

1. Provide 138kV generation interconnection facilities for the Shu'luuk Wind Project to Boulevard East Substation.
2. Fire-harden the existing 69 kV transmission line by replacing the existing wood pole structures with double circuit steel poles.

The primary purpose of the Proposed Project is to provide the interconnection facilities for the Shu'luuk Wind Project. Because a lower voltage configuration would not efficiently convey the Shu'luuk Wind Project's output, the power line has been sized to 138 kV. The approximately 5.2 miles in length tieline interconnection would connect the Shu'luuk Wind Project to the existing Boulevard East Substation and serve as the link to the SDG&E electric grid.

Transmission line outages due to fires have a serious impact on utility electric system reliability and the resulting loss of electric service can debilitate emergency services and our customer's abilities to cope during the fire emergency. SDG&E previously identified TL6931 for conversion from wood poles to steel poles as part of SDG&E's on-going efforts to replace existing wood poles with steel poles in high risk fire areas. This is defined as "fire-hardening". During fire-hardening pole replacement, increased phase spacing and installation of longer polymer insulators will be implemented, thus reducing outage potential due to high winds, improve contamination resistance, reduce estimated facility maintenance, maximize equipment life span potential, and providing superior avian protection. Approximately 1,400 customers are fed in part by TL6931 and the distribution circuits coming out of Boulevard East and Crestwood Substations. They include Mountain Empire Unified School District, AT&T, Cingular, Sprint PCS, T-Mobile, and Verizon as well as local government, fire, and law enforcement. As such, safe and reliable operation of TL6931 is a very high priority.

SDG&E has designed the Proposed Project to use existing transmission lines and rights-of-way (ROW) to the greatest extent feasible. The new 138 kV circuit to be added to the transmission line, TL 6931, rebuild would utilize approximately 5.2 miles of the existing 69 kV line easement for the proposed double circuit 138 kV pole top configuration.

II. Magnetic Field Management Design Guidelines

The California Public Utilities Commission ("CPUC") requires SDG&E apply its *EMF*[1] *Design Guidelines for Electrical Facilities* ("Guidelines") to all new electric 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 existing, and proposed, transmission circuit locations associated with the Project. The results of this evaluation are contained in this FMP.

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, operations and maintenance.

III. Methodology

In Decision 06-01-042, the CPUC notes that modeling is used to compare the relative effectiveness of field-reduction options and is not to be used to predict post-construction field levels. CPUC Decision 06-01-042, Finding of Fact 14: "Utility modeling methodology is intended to compare differences between alternative EMF [Electromagnetic Field] mitigation measures and not determine actual EMF amounts."[2] The CPUC also notes that "modeling indicates relative differences in magnetic field reductions between different transmission line construction methods, but does not measure actual environmental magnetic fields."[3]

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

- Apply SDG&E's EMF Guidelines for transmission circuit facilities to the 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 rights-of-way (ROW).
- When a sufficiency of "low-cost" measures is available to reduce magnetic field levels, such that it is difficult to stay within the 4% cost guideline, apply these "low-cost" measures by priority, per the Guidelines.

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

[1] EMF refers to electric and magnetic fields.
[2] CPUC Decision D.06-01-042, Finding of Fact 14, p. 20.
[3] Ibid, p.11.

Since the Project requires permitting under General Order 131-D, a Detailed Field Management Plan ("FMP") will be used. The Detailed FMP consists of a project description, a checklist table showing evaluation of magnetic field reduction measures adopted or rejected per segment, evaluation of "no-cost" and "low-cost" magnetic field reduction techniques, magnetic field models, and a summary with recommendations, including tables showing resultant magnetic field reduction levels at the edges-of-ROW where applicable.

A table showing calculated resultant magnetic field levels at the edges-of-ROW are included in "Section VIII- Summary of Calculated Magnetic Field Levels" in this report.

Field levels were calculated using the Resicalc program developed and maintained by the Electric Power Research Institute**.** As the proposed in-service date of the Project would be January 2015, the projected high usage currents, "2015 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 portions of the Proposed Project are within defined ROW, magnetic field levels were calculated and compared at the adjacent edges-of-ROW.

IV. Project Description

The Proposed Project lies within San Diego County, California and the unincorporated community of Boulevard. The primary purpose of the Proposed Project is to provide the interconnection facilities for the Shu'luuk Wind Project to Boulevard East Substation. Because a lower voltage configuration would not efficiently convey the Shu'luuk Wind Project's output, the new transmission line has been sized to 138 kV. The interconnection circuit would extend southeasterly from Pole #1, located approximately 1 mile south of Crestwood Substation and at the Campo Indian Reservation property boundary, and terminate at the Boulevard East Substation [4] for a distance of approximately 5.2 miles. The interconnection to the substation on the Campo Reservation will be permitted through the Shu'luuk Wind Project. Therefore, Pole #1 is the first pole location at the northern extent of the project with pole numbers increasing as the alignment proceeds over undeveloped rural land toward Boulevard East Substation. The "Appendix 1: SDG&E Wind Interconnect / TL6931 Fire-Hardening Project - Segment 1 Map" displays the Proposed Project and transmission line locations.

The existing system in this area is comprised of a 69 kV power line, TL6931, which connects the existing Crestwood Substation to Boulevard East Substation. SDG&E previously identified this tieline for conversion from wood-to-steel poles as part of SDG&E's on-going efforts to "fire-harden" high risk fire areas. During fire-hardening pole replacement, increased phase spacing and installation of longer polymer insulators will be implemented, thus reducing outage potential due to high winds, improve contamination resistance, reduce estimated facility maintenance, maximize equipment life span potential, and providing superior avian protection.

[4] This substation is proposed to be rebuilt as part of the preceding ECO Substation Project.

The Proposed Project interconnection to Boulevard East Substation route was strategically chosen as not to create unnecessary impacts on surrounding resources. The route primarily follows the existing alignment of TL 6931 to reduce the Project's impact on undeveloped land. However, there is a segment (Poles # 18 through #23) of the line that is proposed to circumnavigate a residential development rather than cut through it diagonally if following the existing TL6931 ROW. This detour from the existing TL6931 alignment was chosen as the proposed route to avoid land use conflicts between the Proposed Project's 100 foot ROW and nearby residences. The route is adjacent to, and comprised of, undeveloped rural land with an occasional nearby residence. It traverses 29 privately owned parcels that are primarily vacant, and those that are used are occupied by small, low-density single-family residences or mobile homes.

The Proposed Project will rebuild TL6931 for approximately 5.2 miles with double circuit steel structures between Pole #1 and the Boulevard East Substation in order to accommodate TL6931 and the new 138 kV circuit. Pole top configuration will place TL6931 on the north side and the new 138 kV circuit on the south side of the steel poles. By combining the Proposed Project TL 6931 wood-to-steel rebuild component with the proposed 138 kV interconnection facilities component, environmental impacts will be minimized in the area. The double circuit steel pole configuration will require a permanent expansion of the existing TL 6931 ROW to a 100-foot-wide ROW (50 feet on either side of the centerline).

Once the Proposed Project interconnection reaches Boulevard East Substation, the 138 kV tieline will transition from overhead to underground via a cable pole (Pole #52) within undeveloped rural land, and SDG&E property, then terminate at a short underground duct bank within the Boulevard East Substation, while TL6931 will terminate overhead within Boulevard East Substation as it does now.

There is another project currently underway in the unincorporated community of Boulevard for a new substation to be named, "East County Substation (ECO)" (500/230/138 kV) which will affect the connectivity state of the tielines in this Proposed Project. The ECO Substation project includes an expansion of the Boulevard East Substation (138/69/12 kV), and two new 138 kV circuits interconnecting ECO Substation to Boulevard East Substation. This expansion will provide the connectivity hardware within Boulevard East Substation for this Proposed Project.

Direction of current flow from the new ECO Substation, the new Shu'luuk Wind Project 138kV line, and TL 6931 from existing Crestview Substation all flow into Boulevard East Substation. However, it must be noted that TL6931 will normally be in an OPEN state at Boulevard East Substation. The only time it will be CLOSED is when the 138kV tielines tied to Boulevard East Substation coming from ECO and wind generation resources, including the Shu'luuk 138kV interconnection, are down for an unforeseen event. Then, the TL6931 connection will be closed providing a 69kV source from Crestwood Substation to maintain the service to the customers being served from the Boulevard East Substation. Therefore, at any one time only one of the two tielines on the new double circuit poles will be energized.

Drawings and descriptions showing a typical pole top configuration, tieline relative locations to each other and left and right ROW are included in Appendix 1 for a "Detailed Field Management Plan" for complex corridor configurations . Figure 1 below shows the drawing symbols; the arrows on the drawings indicate the viewing direction for orienting each drawing and the direction of current flow. This FMP consists of a single double circuit pole within a 100 foot ROW so drawings were not provided.

Figure 1: Drawing Symbol Definitions

Symbol	Interpretation	Meaning
	Viewing Direction	The orientation as seen when looking toward the north
	Current flow into the page	Direction of current flow is same as viewing direction
	Current flow out of the page	Direction of current flow is opposite of viewing direction
	Underground Transmission Circuit	Location of underground transmission circuit
	Underground Transmission Circuit	Location of Underground Transmission in Bridge Cell

V. Field Management Measures Considered for the Transmission Portion of the Proposed Project

Per the "EMF Design Guidelines for Electrical Facilities, Table 3-1", all Segments were reviewed for suitable application of magnetic field reduction measures, as listed in "*Table 1: Magnetic Field Reduction Measures Adopted or Rejected*" below. These techniques will be discussed under the "Section VI- Magnetic Field Reduction Measures Evaluated for the Project" that 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	Entire Project Corridor	Residential, , Undeveloped	**Locate power lines closer to center of the utility corridor to extent possible.**	**No**	**N/A**
	Reason not adopted: The new double circuit steel pole line for the new 138kV tieline and TL 6931 is designed to be as close to center of easement as possible. Therefore this option was discarded.				
1	Overhead Project Corridor	Residential, Undeveloped	**Increase structure height.**	**Yes**	**Not Available**
	The Proposed Project will require standard 138 kV double circuit steel poles. Some structure heights will increase to maintain or increase sag distance from ground to the circuit by design. Making structure heights taller was modeled for 15% reduction at ROW and consideration of the cost exceeding 4% of the total Proposed Project cost was evaluated. A conclusion was made and is discussed below. (see "Magnetic Field Reduction Measures Evaluated for the Transmission Portion of the Proposed Project" below)				
1	Entire Project Corridor	Residential, Undeveloped	**Reduce conductor (phase) spacing.**	**No**	**N/A**
	Reason not adopted: For the Proposed Project, pole top spacing is per SDG&E Standards recommended for a 138kV double circuit steel pole to avoid possibility of blow-out and for fire hardening of the existing 69kV circuit, TL6931, and new 138kV tieline. Therefore this option was discarded.				
1	Overhead Project Corridor	Residential, Undeveloped	**Place Overhead Underground**	**No**	**N/A**
	Reasons not adopted: The Proposed Project route is adjacent to, and comprised of, undeveloped rural land with an occasional nearby residence. Although, visual impacts would be reduced by constructing the line underground, the impacts to cultural resources, biological resources, and geology and soils would be significant and unavoidable and undergrounding does not offer any benefits that would outweigh the significant impacts created by this mitigation. Also, based on preliminary cost estimates for Proposed Project, approximately 1,100 feet 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 to the Proposed Project route,				

	priority for low-cost field reduction would be given to segments adjacent to residential land use. Preliminary review suggests that the accumulated distances adjacent to residence is greater than 1,100 feet. Though evaluation of low-cost measures for these segments can be prioritized by considering location and/or density of adjacent permanently occupied structures,[1] the population density along most of these segments is consistently sparse, making prioritization difficult. A more broadly effective "low-cost" measure is proposed for use under "Increasing Structure Height" as shown in "Table 1" above. For these reasons, undergrounding as a "low-cost" field-reduction measure was not adopted.				
1	Underground Project Corridor	Undeveloped	**Increase trench depth**.	**No**	**N/A**
	Reasons not adopted: The new 138 kV tieline will transition from overhead to underground via a cable pole (pole #52) and proceed within undeveloped rural land or within SDG&E property for approx. 750 ft. to a point within Boulevard East Substation. Increasing the depth for this short segment would involve additional costs and would not be a "no-cost" option but a "low-cost" option. Although there are residential structures in the area near this underground portion, preliminary design plans show depth to be, on average, twice the SDG&E Transmission Design Guideline depth of 3 ft. top-of-conduit and increasing that depth would lower the ampacity rating of the entire tieline due to less heat dissipation as compaction increases. This would make the new 138kV tieline inadequate to provide for the interconnection facilities in this Proposed Project. Therefore this option was discarded.				
1	Project Corridor	Residential, Undeveloped	**Phasing circuits to reduce magnetic fields.**	**No**	**N/A**
	Reasons not adopted: As described in the Project Definition above, TL6931 will be normally OPEN at Boulevard East Substation. The only time it will be CLOSED is when the 138kV tielines tied to Boulevard East Substation coming from ECO, and wind generation resources, including the Shu'luuk 138kV interconnection, are down for an unforeseen event. Then TL6931 will feed Boulevard East substation from Crestwood Substation. Therefore, at any one time only one of the two tielines on the new double circuit poles would be energized. Changing the phasing of a single circuit pole top configuration does not change the milligauss values at ROW. For that reason this option was discarded.				

VI. Magnetic Field Reduction Measures Evaluated for the Transmission Portion of the Proposed Project

Per SDG&E EMF Design Guidelines for Electrical Facilities, this FMP is limited to an assessment of increasing structure height for the length of the overhead portion of the Proposed Project. Other techniques such as locating power lines closer to the center of the corridor, reducing conductor (phase) spacing, placing overhead underground, increasing trench depth, and phasing circuits to reduce magnetic fields were not implemented.

[1] 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."

Locating power lines closer to the center of the easement: The new double circuit steel pole line for the new 138kV tieline and TL 6931 is designed to be as close to center of the 100 foot wide easement as possible. Therefore this option was discarded.

Reducing conductor phase spacing: Reducing conductor spacing of overhead installations is not an acceptable mitigation technique. The overhead pole top spacing is per SDG&E Standards recommended for a 138kV double circuit steel pole to avoid possibility of blow-out and for fire-hardening. Therefore this option was discarded.

Placing Overhead Underground: The Proposed Project route is adjacent to, and comprised of, undeveloped rural land with an occasional nearby residence. Although, visual impacts would be reduced by constructing the line underground, the impacts to cultural resources, biological resources, and geology and soils would be significant and unavoidable and undergrounding does not offer any benefits that would outweigh the significant impacts created by this mitigation. Also, based on preliminary cost estimates for Proposed Project, approximately 1,100 feet 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 to the Proposed Project route, priority for low-cost field reduction would be given to segments adjacent to residential land use. Preliminary review suggests that the accumulated distances adjacent to residence is greater than 1,100 feet. Though evaluation of low-cost measures for these segments can be prioritized by considering location and/or density of adjacent permanently occupied structures,[1] the population density along most of these segments is consistently sparse, making prioritization difficult. A more broadly effective "low-cost" measure is proposed for use under "Increasing Structure Height" as shown in “Table 1” above. For these reasons, undergrounding as a "low-cost" field-reduction measure was not adopted.

Increasing Trench Depth of Underground: The new 138 kV tieline will transition from overhead to underground via a cable pole (pole #52) and proceed within undeveloped rural land or within SDG&E property for approx. 750 ft. to a point within Boulevard East Substation. Increasing the depth for this short segment would involve additional costs and would not be a “no-cost” field reduction technique but a “low-cost” reduction technique. Although there are residential structures in the area near this underground portion, preliminary design plans show depth to be, on average, twice the SDG&E Transmission Design Guideline depth of 3 ft. top-of-conduit and increasing that depth would lower the ampacity rating of the entire tieline due to less heat dissipation as compaction increases. This would make the new 138kV tieline inadequate to provide for the interconnection facilities in this Proposed Project. Therefore this option was discarded.

Phasing Circuits to Reduce Magnetic Fields: Reduction of magnetic field values (milligauss) through phasing techniques was considered for the Proposed Project. As described in the Project Definition above, TL6931 will be normally OPEN at Boulevard East Substation. The only time it will be CLOSED is when the 138kV tielines tied to Boulevard East Substation coming from ECO, and wind generation resources, including the Shu’luuk 138kV interconnection, are down for an unforeseen event. Then TL6931 will feed Boulevard Substation from Crestwood

[1] 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."

Substation. Therefore, at any one time only one of the two tielines on the new double circuit poles would be energized. Changing the phasing of a single circuit pole top configuration does not change the milligauss values at ROW. For that reason this option was discarded.

Increasing Structure Height: The design pole height required to maintain minimum 30 foot sag (distance from ground) for 138kV tielines was used for the new double circuit steel poles in the Proposed Project. Some structure heights were increased to maintain or increase sag distance from ground to the circuit by design due to the contour of the land they travel over. Increasing pole height, which will increase sag height, would not be a "no-cost" option but a "low-cost" option. To adopt a "low-cost" option, the calculated reduction at edges of rights-of-way, must be at least 15%. Modeling was done to try to get an additional 15% or more at both edges of rights-of-way for the overhead portion of the Proposed Project, and the structure height would have to increase an additional **10.0 feet** from ground to lowest circuit wire **(40.0 feet minimum sag)**. Land uses along the route include undeveloped rural land and areas of rural residence structures, only some of which are on properties adjacent to the tieline. Though evaluation of low-cost measures for these segments can be prioritized by considering location and/or density of adjacent permanently occupied structures,[1] the population density along most of these segments is consistently sparse, making prioritization difficult. Increasing structure height was recommended as a "low-cost" measure for the Proposed Project for the portions of the tieline passing residential structures where properties are predominantly adjacent to the line. (see "Magnetic Field Reduction Measures Recommended for the Project" below).

VII. Magnetic Field Reduction Measures Recommended for the Transmission Portion of the Proposed Project

The field Reduction of magnetic field values by increasing structure height field reduction technique was adopted as a viable method to reduce magnetic fields at the edge-of-ROW for the Proposed Project. For the percentage of magnetic field reduction see Table 2 located in *"Section VIII. - Summary of Calculated Magnetic Field Levels for the Transmission Portion of the Proposed Project."* The recommended field reduction technique are:

A. "No-Cost" Field Management Technique:

There are no "no-cost" magnetic field reduction techniques recommended for this Project.

B. "Low-Cost" Field Management Technique:

After discussing increasing structure height field reduction techniques with Transmission Engineering, **raising the structure height an additional 10.0 feet to make sag height a minimum of 40.0 feet** from ground to lowest circuit wire was selected for most viable "low-cost" technique to reduce magnetic fields for the Proposed Project for the portions of the tieline passing residential structures where properties are predominantly adjacent to the tieline. Though evaluation of low-cost measures for these segments can be prioritized by considering location

[1] 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."

and/or density of adjacent permanently occupied structures,[1] the population density along most of these segments is consistently sparse, making prioritization difficult. Prioritizing by proximity, would increase height by **10** feet for **19** poles (#s **11, 12, 19-23, 35, 36, 42, 43, and 46-53**). All poles except **11** and **12** are near adjacent residential properties for which the residences are within 300 feet of the line; the span between poles 11 and 12 crosses a residential property (though the residence is nearly 500' away). This prioritization provides a low-cost magnetic field reduction measure for approximately **4.0%** of total Proposed Project cost. Field reduction at the north edge ROW is **15.0%** and at the south edge ROW is **19.9%**. (see "Appendix 1: SDG&E Wind Interconnect/TL6931 Fire Hardening Project – Segment 1 Map" below)

VIII. Summary of Calculated Magnetic Field Levels for the Transmission Portion of the Proposed Project

The following table shows the initial design sag height and recommended ("low-cost") design magnetic field values (milligauss) and the percent change for the Proposed Project. A positive percentage value shows a reduction in milligauss, while a negative value shows an increase in milligauss from the initial design. The magnetic field values were calculated at the edges-of-ROW. Since increasing structure height field reduction technique was the only viable technique, other modeling tables were not included.(see "Table 2" below) The location of the Proposed Project is included in the attached "Appendix –SDGE Wind Interconnection / TL6931 Fire Hardening Project Segment Map" below.

Table 2: Increasing Sag Height within 100-foot-wide Easement

	Standard min. Sag 30 ft. (milligauss)	Increase min. Sag to 40.0 ft. (milligauss)	Percent (%) milligauss reduction
north ROW	2.06	1.75	15.0%
centerline	7.66	4.58	40.2%
south ROW	2.92	2.34	19.9%

[1] 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."

IX. Field Management Plan Checklist for the Boulevard East Substation Portion of the Proposed Project

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

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

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

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

Prepared By: Date:

John Baranowski November 1, 2012
Construction Services Supervisor

Appendix 1

SDG&E Wind Interconnect / TL6931 Fire Hardening Project

Segment 1 Map

APPENDIX G
Financial Statements

SAN DIEGO GAS & ELECTRIC COMPANY
FINANCIAL STATEMENT
SEPTEMBER 30, 2012

(a) Amounts and Kinds of Stock Authorized:

Preferred Stock	1,375,000 shares	Par Value $27,500,000
Preferred Stock	10,000,000 shares	Without Par Value
Preferred Stock	Amount of shares not specified	$80,000,000
Common Stock	255,000,000 shares	Without Par Value

Amounts and Kinds of Stock Outstanding:

PREFERRED STOCK		
5.0%	375,000 shares	$7,500,000
4.50%	300,000 shares	6,000,000
4.40%	325,000 shares	6,500,000
4.60%	373,770 shares	7,475,400
$1.70	1,400,000 shares	35,000,000
$1.82	640,000 shares	16,000,000
COMMON STOCK	116,583,358 shares	291,458,395

(b) Terms of Preferred Stock:

Full information as to this item is given in connection with Application Nos. 93-09-069, 04-01-009, 06-05-015 and 10-10-023 to which references are hereby made.

(c) 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.

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

First Mortgage Bonds:	Nominal Date of Issue	Par Value Authorized and Issued	Outstanding	Interest Paid in 2011
6.8% Series KK, due 2015	12-01-91	14,400,000	14,400,000	979,200
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	60,000,000	3,510,000
2.539% Series VV, due 2034	06-17-04	43,615,000	43,615,000	2,562,373
2.539% Series WW, due 2034	06-17-04	40,000,000	40,000,000	2,349,999
2.516% Series XX, due 2034	06-17-04	35,000,000	35,000,000	2,056,249
2.832% Series YY, due 2034	06-17-04	24,000,000	24,000,000	1,409,999
2.832% Series ZZ, due 2034	06-17-04	33,650,000	33,650,000	1,976,936
2.8275% Series AAA, due 2039	06-17-04	75,000,000	75,000,000	134,561
5.35% Series BBB, due 2035	05-19-05	250,000,000	250,000,000	13,375,000
5.30% Series CCC, due 2015	11-17-05	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
Var Series EEE, due 2018	09-21-06	161,240,000	161,240,000	324,863
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	08-15-10	500,000,000	500,000,000	21,812,500
3.00% Series JJJ, due 2021	08-18-11	350,000,000	350,000,000	0
3.95% Series LLL, due 2041	11-17-11	250,000,000	250,000,000	0
4.30% Series MMM, due 2042	03-22-12	250,000,000	250,000,000	0
Unsecured Bonds:				
5.9% CPCFA96A, due 2014	06-01-96	129,820,000	129,820,000	7,659,380
5.3% CV96A, due 2021	08-02-96	38,900,000	38,900,000	2,061,700
5.5% CV96B, due 2021	11-21-96	60,000,000	60,000,000	3,300,000
4.9% CV97A, due 2023	10-31-97	25,000,000	25,000,000	1,225,000

SAN DIEGO GAS & ELECTRIC COMPANY
FINANCIAL STATEMENT
SEPTEMBER 30, 2012

Other Indebtedness:	Date of Issue	Date of Maturity	Interest Rate	Outstanding	Interest Paid 2011
Commercial Paper & ST Bank Loans	Various	Various	Various	0	$0

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

Preferred Stock	Shares Outstanding 12-31-11	Dividends Declared 2007	2008	2009	2010	2011
5.0%	375,000	$375,000	$375,000	$375,000	$375,000	$375,000
4.50%	300,000	270,000	270,000	270,000	270,000	270,000
4.40%	325,000	286,000	286,000	286,000	286,000	286,000
4.60%	373,770	343,868	343,868	343,868	343,868	343,868
$ 1.7625	0	969,375	242,344	0	0	0
$ 1.70	1,400,000	2,380,000	2,380,000	2,380,000	2,380,000	2,380,000
$ 1.82	640,000	1,164,800	1,164,800	1,164,800	1,164,800	1,164,800
	3,413,770	$5,789,043	$5,062,012 [1]	$4,819,668	$4,819,668	$4,819,668
Common Stock						
Dividend to Parent		$0	$0	$150,000,000 [2]		

A balance sheet and a statement of income and retained earnings of Applicant for the nine months ended September 30, 2012 are attached hereto.

[1] Includes $242,344 of interest expense related to redeemable preferred stock.
[2] San Diego Gas & Electric Company dividend to parent.

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
SEPTEMBER 30, 2012

	1. UTILITY PLANT	2012
101	UTILITY PLANT IN SERVICE	$13,487,237,954
102	UTILITY PLANT PURCHASED OR SOLD	13,548,294
104	UTILITY PLANT LEASED TO OTHERS	85,194,000
105	PLANT HELD FOR FUTURE USE	8,151,201
106	COMPLETED CONSTRUCTION NOT CLASSIFIED	-
107	CONSTRUCTION WORK IN PROGRESS	644,811,836
108	ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT	(4,891,310,393)
111	ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT	(256,001,359)
118	OTHER UTILITY PLANT	696,958,732
119	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF OTHER UTILITY PLANT	(194,217,472)
120	NUCLEAR FUEL - NET	114,909,686
	TOTAL NET UTILITY PLANT	9,709,282,479

	2. OTHER PROPERTY AND INVESTMENTS	
121	NONUTILITY PROPERTY	6,313,633
122	ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY	(546,049)
123	INVESTMENTS IN SUBSIDIARY COMPANIES	-
124	OTHER INVESTMENTS	-
125	SINKING FUNDS	-
128	OTHER SPECIAL FUNDS	891,855,963
	TOTAL OTHER PROPERTY AND INVESTMENTS	897,623,547

Data from SPL as of November 29, 2012

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
SEPTEMBER 30, 2012

3. CURRENT AND ACCRUED ASSETS

		2011
131	CASH	217,557
132	INTEREST SPECIAL DEPOSITS	-
134	OTHER SPECIAL DEPOSITS	-
135	WORKING FUNDS	500
136	TEMPORARY CASH INVESTMENTS	-
141	NOTES RECEIVABLE	-
142	CUSTOMER ACCOUNTS RECEIVABLE	233,612,683
143	OTHER ACCOUNTS RECEIVABLE	20,081,947
144	ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS	(2,863,738)
145	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	-
146	ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES	16,778,226
151	FUEL STOCK	2,305,557
152	FUEL STOCK EXPENSE UNDISTRIBUTED	-
154	PLANT MATERIALS AND OPERATING SUPPLIES	78,537,372
156	OTHER MATERIALS AND SUPPLIES	-
163	STORES EXPENSE UNDISTRIBUTED	(1,162)
164	GAS STORED	124,296
165	PREPAYMENTS	225,125,013
171	INTEREST AND DIVIDENDS RECEIVABLE	4,010,076
173	ACCRUED UTILITY REVENUES	62,753,000
174	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	187,504,106
175	DERIVATIVE INSTRUMENT ASSETS	44,776,045
	TOTAL CURRENT AND ACCRUED ASSETS	872,961,478

4. DEFERRED DEBITS

181	UNAMORTIZED DEBT EXPENSE	35,714,172
182	UNRECOVERED PLANT AND OTHER REGULATORY ASSETS	2,571,278,815
183	PRELIMINARY SURVEY & INVESTIGATION CHARGES	5,106,648
184	CLEARING ACCOUNTS	976,020
185	TEMPORARY FACILITIES	-
186	MISCELLANEOUS DEFERRED DEBITS	23,303,759
188	RESEARCH AND DEVELOPMENT	-
189	UNAMORTIZED LOSS ON REACQUIRED DEBT	17,089,535
190	ACCUMULATED DEFERRED INCOME TAXES	557,872,815
	TOTAL DEFERRED DEBITS	3,211,341,764
	TOTAL ASSETS AND OTHER DEBITS	14,691,209,268

Data from SPL as of November 29, 2012

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
SEPTEMBER 30, 2012

5. PROPRIETARY CAPITAL

		2011
201	COMMON STOCK ISSUED	($291,458,395)
204	PREFERRED STOCK ISSUED	(78,475,400)
207	PREMIUM ON CAPITAL STOCK	(592,222,753)
210	GAIN ON RETIRED CAPITAL STOCK	-
211	MISCELLANEOUS PAID-IN CAPITAL	(479,665,368)
214	CAPITAL STOCK EXPENSE	25,688,571
216	UNAPPROPRIATED RETAINED EARNINGS	(2,786,794,413)
219	ACCUMULATED OTHER COMPREHENSIVE INCOME	9,755,579
	TOTAL PROPRIETARY CAPITAL	(4,193,172,179)

6. LONG-TERM DEBT

221	BONDS	(3,536,905,000)
223	ADVANCES FROM ASSOCIATED COMPANIES	-
224	OTHER LONG-TERM DEBT	(253,720,000)
225	UNAMORTIZED PREMIUM ON LONG-TERM DEBT	-
226	UNAMORTIZED DISCOUNT ON LONG-TERM DEBT	11,834,550
	TOTAL LONG-TERM DEBT	(3,778,790,450)

7. OTHER NONCURRENT LIABILITIES

227	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT	(674,680,029)
228.2	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES	(31,028,287)
228.3	ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS	(330,278,239)
228.4	ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS	0
230	ASSET RETIREMENT OBLIGATIONS	(727,777,372)
	TOTAL OTHER NONCURRENT LIABILITIES	(1,763,763,927)

Data from SPL as of November 29, 2012

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
SEPTEMBER 30, 2012

8. CURRENT AND ACCRUED LIABILITES

		2011
231	NOTES PAYABLE	(1,700,000)
232	ACCOUNTS PAYABLE	(355,445,678)
233	NOTES PAYABLE TO ASSOCIATED COMPANIES	-
234	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	(19,711,480)
235	CUSTOMER DEPOSITS	(62,850,929)
236	TAXES ACCRUED	(23,942,687)
237	INTEREST ACCRUED	(62,692,511)
238	DIVIDENDS DECLARED	(1,204,917)
241	TAX COLLECTIONS PAYABLE	(5,403,831)
242	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(393,906,897)
243	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT	(36,831,314)
244	DERIVATIVE INSTRUMENT LIABILITIES	(190,728,539)
245	DERIVATIVE INSTRUMENT LIABILITIES - HEDGES	0
	TOTAL CURRENT AND ACCRUED LIABILITIES	(1,154,418,783)

9. DEFERRED CREDITS

252	CUSTOMER ADVANCES FOR CONSTRUCTION	(13,656,727)
253	OTHER DEFERRED CREDITS	(496,869,300)
254	OTHER REGULATORY LIABILITIES	(1,133,746,949)
255	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(26,152,469)
257	UNAMORTIZED GAIN ON REACQUIRED DEBT	-
281	ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED	(5,201,256)
282	ACCUMULATED DEFERRED INCOME TAXES - PROPERTY	(1,723,457,126)
283	ACCUMULATED DEFERRED INCOME TAXES - OTHER	(401,980,102)
	TOTAL DEFERRED CREDITS	(3,801,063,929)
	TOTAL LIABILITIES AND OTHER CREDITS	($14,691,209,268)

Data from SPL as of November 29, 2012

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
NINE MONTHS ENDED SEPTEMBER 30, 2012

1. UTILITY OPERATING INCOME

400	OPERATING REVENUES		$3,128,104,838
401	OPERATING EXPENSES	$1,985,711,620	
402	MAINTENANCE EXPENSES	150,491,317	
403-7	DEPRECIATION AND AMORTIZATION EXPENSES	340,416,565	
408.1	TAXES OTHER THAN INCOME TAXES	66,916,393	
409.1	INCOME TAXES	(60,648,307)	
410.1	PROVISION FOR DEFERRED INCOME TAXES	692,026,077	
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	(439,860,104)	
411.4	INVESTMENT TAX CREDIT ADJUSTMENTS	349,575	
411.6	GAIN FROM DISPOSITION OF UTILITY PLANT	-	
	TOTAL OPERATING REVENUE DEDUCTIONS		2,735,403,136
	NET OPERATING INCOME		392,701,702

2. OTHER INCOME AND DEDUCTIONS

415	REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK	-	
417.1	EXPENSES OF NONUTILITY OPERATIONS	(2,338)	
418	NONOPERATING RENTAL INCOME	279,720	
418.1	EQUITY IN EARNINGS OF SUBSIDIARIES	-	
419	INTEREST AND DIVIDEND INCOME	3,433,840	
419.1	ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION	61,143,049	
421	MISCELLANEOUS NONOPERATING INCOME	441,574	
421.1	GAIN ON DISPOSITION OF PROPERTY	-	
	TOTAL OTHER INCOME	65,295,845	
421.2	LOSS ON DISPOSITION OF PROPERTY	-	
426	MISCELLANEOUS OTHER INCOME DEDUCTIONS	2,269,819	
	TOTAL OTHER INCOME DEDUCTIONS	2,269,819	
408.2	TAXES OTHER THAN INCOME TAXES	385,776	
409.2	INCOME TAXES	(50,028,891)	
410.2	PROVISION FOR DEFERRED INCOME TAXES	0	
411.2	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	9,150,462	
	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS	(40,492,653)	
	TOTAL OTHER INCOME AND DEDUCTIONS		103,518,679
	INCOME BEFORE INTEREST CHARGES		496,220,381
	NET INTEREST CHARGES*		118,248,320
	NET INCOME		$377,972,061

**NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (25,593,864)*

Data from SPL as of November 29, 2012

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
NINE MONTHS ENDED SEPTEMBER 30, 2012

3. RETAINED EARNINGS

RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED	$2,412,437,103
NET INCOME (FROM PRECEDING PAGE)	377,972,061
DIVIDEND TO PARENT COMPANY	-
DIVIDENDS DECLARED - PREFERRED STOCK	(3,614,751)
OTHER RETAINED EARNINGS ADJUSTMENTS	
RETAINED EARNINGS AT END OF PERIOD	$2,786,794,413

SAN DIEGO GAS & ELECTRIC COMPANY

COST OF PROPERTY AND
DEPRECIATION RESERVE APPLICABLE THERETO
AS OF SEPTEMBER 30, 2012

No.	Account	Original Cost	Reserve for Depreciation and Amortization
	ELECTRIC DEPARTMENT		
302	Franchises and Consents	$ 222,841	$ 202,900
303	Misc. Intangible Plant	77,353,474	5,956,882
	TOTAL INTANGIBLE PLANT	77,576,315	6,159,782
310.1	Land		46,518
310.2	Land Rights	14,526,518	0
311	Structures and Improvements	0	28,099,799
312	Boiler Plant Equipment	83,488,783	48,112,447
314	Turbogenerator Units	163,231,924	31,835,664
315	Accessory Electric Equipment	112,838,130	24,629,097
316	Miscellaneous Power Plant Equipment	81,935,410	5,570,451
	Steam Production Decommissioning	25,801,345	0
	TOTAL STEAM PRODUCTION	481,822,111	138,293,977
320.1	Land	0	0
320.2	Land Rights	283,677	283,677
321	Structures and Improvements	275,650,545	270,613,381
322	Boiler Plant Equipment	556,559,852	419,749,061
323	Turbogenerator Units	142,381,272	137,165,063
324	Accessory Electric Equipment	173,236,427	167,695,922
325	Miscellaneous Power Plant Equipment	314,945,328	238,404,313
107	ICIP CWIP	0	0
	TOTAL NUCLEAR PRODUCTION	1,463,057,102	1,233,911,417
340.1	Land	143,476	0
340.2	Land Rights	2,428	2,428
341	Structures and Improvements	19,292,858	3,354,334
342	Fuel Holders, Producers & Accessories	20,348,101	4,219,943
343	Prime Movers	84,174,818	18,425,712
344	Generators	327,819,991	79,806,403
345	Accessory Electric Equipment	31,708,394	6,932,035
346	Miscellaneous Power Plant Equipment	23,517,224	9,161,900
	TOTAL OTHER PRODUCTION	507,007,290	121,902,754
	TOTAL ELECTRIC PRODUCTION	2,451,886,502	1,494,108,147

No.	Account	Original Cost	Reserve for Depreciation and Amortization
350.1	Land	$ 40,792,766	$ 0
350.2	Land Rights	136,915,589	12,620,732
352	Structures and Improvements	285,526,462	37,969,416
353	Station Equipment	963,037,139	160,020,003
354	Towers and Fixtures	657,533,430	90,481,482
355	Poles and Fixtures	264,238,315	52,963,522
356	Overhead Conductors and Devices	405,736,207	173,636,915
357	Underground Conduit	296,317,703	26,013,364
358	Underground Conductors and Devices	322,821,442	27,238,624
359	Roads and Trails	189,171,960	7,688,134
	TOTAL TRANSMISSION	3,562,091,012	588,632,193
360.1	Land	16,176,228	0
360.2	Land Rights	75,238,482	33,153,382
361	Structures and Improvements	3,496,653	1,430,921
362	Station Equipment	400,242,232	83,103,282
364	Poles, Towers and Fixtures	514,829,210	227,985,908
365	Overhead Conductors and Devices	406,981,539	161,271,509
366	Underground Conduit	961,943,312	372,398,607
367	Underground Conductors and Devices	1,275,571,386	750,853,056
368.1	Line Transformers	493,734,055	83,730,898
368.2	Protective Devices and Capacitors	15,811,184	(8,073,411)
369.1	Services Overhead	120,817,092	123,018,731
369.2	Services Underground	307,165,451	216,444,427
370.1	Meters	202,595,561	(10,090,946)
370.2	Meter Installations	48,973,286	(25,352,981)
371	Installations on Customers' Premises	6,513,419	11,287,058
373.1	St. Lighting & Signal Sys.-Transformers	0	0
373.2	Street Lighting & Signal Systems	24,682,390	17,871,226
	TOTAL DISTRIBUTION PLANT	4,874,771,482	2,039,031,669
389.1	Land	7,523,627	0
389.2	Land Rights	0	0
390	Structures and Improvements	31,037,336	18,531,828
392.1	Transportation Equipment - Autos	0	49,884
392.2	Transportation Equipment - Trailers	58,146	2,554
393	Stores Equipment	17,466	16,139
394.1	Portable Tools	19,375,183	6,089,238
394.2	Shop Equipment	328,720	192,373
395	Laboratory Equipment	302,226	43,595
396	Power Operated Equipment	92,162	149,134
397	Communication Equipment	167,869,475	68,724,500
398	Miscellaneous Equipment	1,367,470	198,274
	TOTAL GENERAL PLANT	227,971,811	93,997,520
101	TOTAL ELECTRIC PLANT	11,194,297,122	4,221,929,310

No.	Account	Original Cost	Reserve for Depreciation and Amortization
GAS PLANT			
302	Franchises and Consents	$ 86,104	$ 86,104
303	Miscellaneous Intangible Plant	0	0
	TOTAL INTANGIBLE PLANT	86,104	86,104
360.1	Land	0	0
361	Structures and Improvements	43,992	43,992
362.1	Gas Holders	0	0
362.2	Liquefied Natural Gas Holders	0	0
363	Purification Equipment	0	0
363.1	Liquefaction Equipment	0	0
363.2	Vaporizing Equipment	0	0
363.3	Compressor Equipment	0	0
363.4	Measuring and Regulating Equipment	0	0
363.5	Other Equipment	0	0
363.6	LNG Distribution Storage Equipment	2,052,614	695,087
	TOTAL STORAGE PLANT	2,096,606	739,079
365.1	Land	4,649,144	0
365.2	Land Rights	2,218,045	1,216,581
366	Structures and Improvements	11,541,403	9,549,587
367	Mains	133,850,631	60,133,947
368	Compressor Station Equipment	80,292,125	58,124,223
369	Measuring and Regulating Equipment	18,728,435	14,690,619
371	Other Equipment	0	0
	TOTAL TRANSMISSION PLANT	251,279,782	143,714,957
374.1	Land	102,187	0
374.2	Land Rights	8,118,693	6,032,451
375	Structures and Improvements	43,447	61,253
376	Mains	559,330,462	320,306,907
378	Measuring & Regulating Station Equipment	15,057,081	6,731,152
380	Distribution Services	242,910,503	280,997,186
381	Meters and Regulators	138,989,796	37,776,302
382	Meter and Regulator Installations	86,311,288	25,839,727
385	Ind. Measuring & Regulating Station Equipme	1,516,811	1,015,741
386	Other Property On Customers' Premises	0	0
387	Other Equipment	5,223,272	4,676,902
	TOTAL DISTRIBUTION PLANT	1,057,603,539	683,437,621

No.	Account	Original Cost	Reserve for Depreciation and Amortization
392.1	Transportation Equipment - Autos	$ 0	$ 25,503
392.2	Transportation Equipment - Trailers	74,501	74,501
394.1	Portable Tools	7,177,745	3,059,517
394.2	Shop Equipment	76,864	29,005
395	Laboratory Equipment	283,094	235,131
396	Power Operated Equipment	162,284	92,500
397	Communication Equipment	1,541,611	945,501
398	Miscellaneous Equipment	198,325	54,067
	TOTAL GENERAL PLANT	9,514,423	4,515,725
101	TOTAL GAS PLANT	1,320,580,454	832,493,487
	COMMON PLANT		
303	Miscellaneous Intangible Plant	191,146,549	103,690,346
350.1	Land	0	0
360.1	Land	0	0
389.1	Land	5,612,511	0
389.2	Land Rights	1,080,961	27,275
390	Structures and Improvements	238,943,754	102,545,650
391.1	Office Furniture and Equipment - Other	18,852,648	9,705,372
391.2	Office Furniture and Equipment - Computer Ec	69,378,197	33,175,342
392.1	Transportation Equipment - Autos	33,942	(338,930)
392.2	Transportation Equipment - Trailers	33,369	1,801
393	Stores Equipment	144,926	84,549
394.1	Portable Tools	1,193,702	133,992
394.2	Shop Equipment	248,289	139,109
394.3	Garage Equipment	969,973	(70,516)
395	Laboratory Equipment	2,236,234	866,738
396	Power Operated Equipment	0	(192,979)
397	Communication Equipment	103,048,288	46,815,016
398	Miscellaneous Equipment	2,440,895	870,667
118.1	TOTAL COMMON PLANT	635,364,239	297,453,433
	TOTAL ELECTRIC PLANT	11,194,297,122	4,221,929,310
	TOTAL GAS PLANT	1,320,580,454	832,493,487
	TOTAL COMMON PLANT	635,364,239	297,453,433
101 & 118.1	TOTAL	13,150,241,816	5,351,876,230
101	PLANT IN SERV-SONGS FULLY RECOVER	$ (1,164,131,236)	$ (1,164,131,236)
101	PLANT IN SERV-ELECTRIC NON-RECON Electric	$ (5,884,704)	$ 0

No.	Account	Original Cost	Reserve for Depreciation and Amortization
101	PLANT IN SERV-ASSETS HELD FOR SALE		
	Electric	$ (23,714,257)	$ (600,716)
	Common	(8,861,299)	$ 0
		(32,575,555)	(600,716)
101	PLANT IN SERV-LEGACY METER RECLASS		
	Electic	$ (23,070,475)	$ 66,831,561
101	PLANT IN SERV-SUNRISE FIRE MITIGATION		
	Electic	$ 0	$ 0
118	PLANT IN SERV-COMMON NON-RECON		
	Common - Transferred Asset Adjustment	$ (2,894,035)	$ (2,894,035)
101	Accrual for Retirements		
	Electric	$ (1,625,051)	$ (1,625,051)
	Gas	(1,166,032)	(1,166,032)
	TOTAL PLANT IN SERV-ACCRUAL FOR RE	(2,791,083)	(2,791,083)
102	Electric	0	0
	Gas	0	0
	TOTAL PLANT PURCHASED OR SOLD	0	0
104	Electric	85,194,000	738,033
	Gas	0	0
	TOTAL PLANT LEASED TO OTHERS	85,194,000	738,033
105	Plant Held for Future Use		
	Electric	8,151,201	0
	Gas	0	0
	TOTAL PLANT HELD FOR FUTURE USE	8,151,201	0
107	Construction Work in Progress		
	Electric	691,573,134	
	Gas	46,045,820	
	Common	60,506,228	
	TOTAL CONSTRUCTION WORK IN PROGRESS	798,125,183	0
108	Accum. Depr SONGS Mitigation/Spent Fuel Disallowance		
	Electric	0	221,468

No.	Account	Original Cost	Reserve for Depreciation and Amortization
108.5	Accumulated Nuclear Decommissioning Electric	0	800,593,254
	TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING	0	800,593,254
101.1	ELECTRIC CAPITAL LEASES	778,390,265	74,999,690
118.1	COMMON CAPITAL LEASE	25,803,159	17,682,391
		804,193,424	92,682,081
120	NUCLEAR FUEL FABRICATION	62,963,775	40,861,208
143	FAS 143 ASSETS - Legal Obligation	116,218,782	(688,610,630)
	FIN 47 ASSETS - Non-Legal Obligation	72,842,470	30,051,014
143	FAS 143 ASSETS - Legal Obligation	0	(1,335,631,302)
	TOTAL FAS 143	189,061,252	(1,994,190,918)
	UTILITY PLANT TOTAL	$ 13,866,583,564	$ 3,189,195,847

SAN DIEGO GAS & ELECTRIC COMPANY
SUMMARY OF EARNINGS
NINE MONTHS ENDED SEPTEMBER 30, 2012
(DOLLARS IN MILLIONS)

Line No.	Item	Amount
1	Operating Revenue	$3,128
2	Operating Expenses	2,735
3	Net Operating Income	$393
4	Weighted Average Rate Base	$5,738
5	Rate of Return*	8.40%

*Authorized Cost of Capital

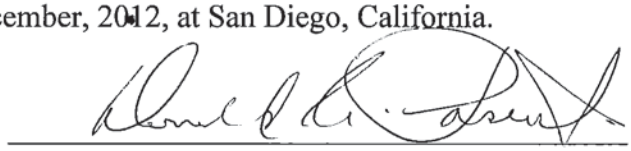
APPENDIX H
Listing of Governmental Agencies Consulted and Statements of Position

DECLARATION OF SERVING A WRITTEN REQUEST FOR A BRIEF POSITION STATEMENT

I, Donald A. Parent, am a Public Affairs Manager responsible for managing community outreach for San Diego Gas & Electric Company. On December 12, 2012, in accordance with the provisions of General Order 131-D, Section XI.B.1.d., I made a written request for a brief position statement by the agencies listed in Appendix H concerning the proposed power line route or activities described in this Application for a Permit to Construct the San Diego Gas & Electric (SDG&E) TL 6913 Fire Hardening/Wind Interconnect Project as filed with the California Public Utilities Commission. To the best of my own knowledge and belief as of the date of this affidavit 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 this 13th day of December, 2012, at San Diego, California.



Public Affairs Manager SDG&E

ORGANIZATION	INDIVIDUAL	EMAIL	PHONE	DATE and TYPE of CONTACT	COORDINATOR / PARTICIPANTS	COMMENTS
FEDERAL						
Congressman Duncan Hunter	Joe Browning	joe.browning@mail.house.gov	619-448-5201	12/12/2012 - email	RPA	
	Michael Harrison	michael.harrison@mail.house.gov		12/12/2012 - email		
	Rick Terrazas	rick.terrazas@mail.house.gov		12/12/2012 - email		
STATE						
Senator Joel Anderson			619-596-3136		RPA	
	Joel Anderson	Senator.anderson@sen.ca.gov		12/12/2012 email		
	Eddie Sprecco	Edward.Sprecco@sen.ca.gov		12/12/2012 email		
Assemblyman Brian Jones	Brian Jones	assemblymember.jones@asm.ca.gov	619-441-2322	12/12/2012 email	RPA	
Assemblyman Brian Jones	Gail Ramer	gail.ramer@asm.ca.gov	619-441-2322	12/12/2012 - email	RPA	
LOCAL						
Supervisor Dianne Jacob	Dianne Jacob	dianne.jacob@sdcounty.ca.gov	619-531-5522	12/12/2012 - email,	RPA	
COMMUNITY PLANNING or SPONSOR GROUP						
Campo-Lake Morena CPG	Jack White	jdwhitehouse1@aol.com	619-609-8989	12/12/2012 email	RPA	
Boulevard CPG	Donna Tisdale	donnatisdale@hughes.net	619-766-4170	12/12/2012 email	RPA	

ORGANIZATION	INDIVIDUAL	EMAIL	PHONE	DATE and TYPE of CONTACT	COORDINATOR / PARTICIPANTS	COMMENTS
NATIVE AMERICAN TRIBES						
Campo Band of the Kumeyaay Nation	Ralph Goff	rgoff@campo-nsn-.gov	619-478-9369	12/12/2012 email	RPA	
La Posta Band of Mission Indians	Gwendolyn Parada	lp13boots@aol.com	619-478-2113	12/12/2012 - email	RPA	
Manzanita Band of the Kumeyaay Nation	Leroy Elliott	ljbirdsinger@aol.net	619-766-4930	12/12/2012 - email	RPA	
CHAMBERS OF COMMERCE						
Alpine	Pat Cannon, CEO	pat@alpinechamber.sdcoxmail.com	619-445-2722	12/12/2012 email	RPA	
AGENCIES						
San Diego Rural Fire Protection District	J. R. Terry	rterry@sdrfire.org	619) 669-1188	12/12/2012 email	RPA	

APPENDIX I
Estimated Cost Range for Proposed Project

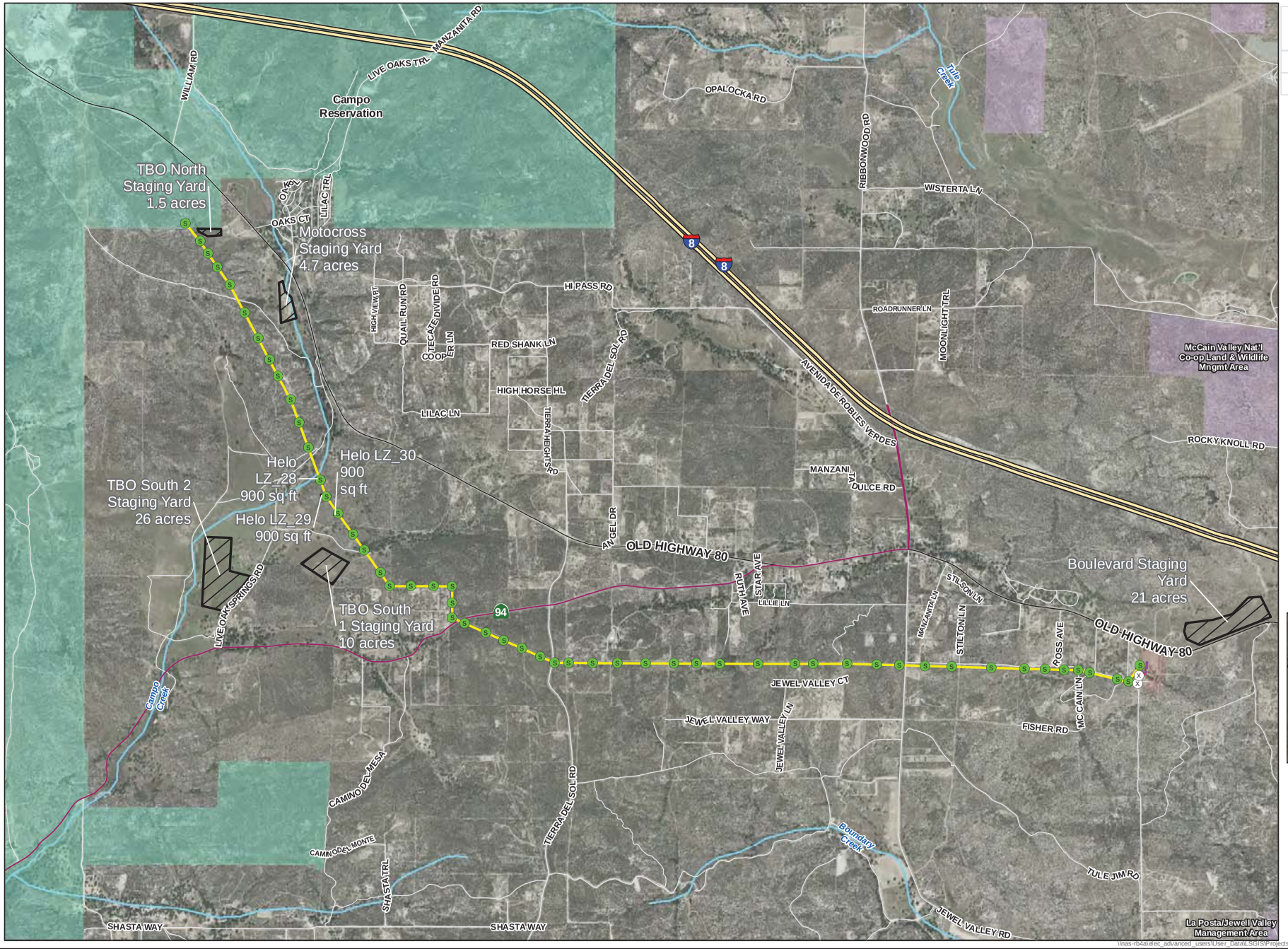
San Diego Gas & Electric Company (SDG&E) TL 6931 Fire Hardening / Wind Interconnect Project
Estimated Project Costs

Tie Line Approximate Cost*

TL6931/138kV Interconnect $34MM ± 10%.

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

APPENDIX J
Map of Proposed Project



TL 6931 Project
Wood to Steel/ Wind Gen

Version Date: 12/12/2012

Overview

Project Length: 5.4 miles

1 inch = 2,000 feet @ 11" x 17"

0 500 1,000 2,000 3,000
Feet

Legend

Tieline
- Tieline
- Temporary Alignment

Proposed UG
- UG Route
- Vault

Proposed Pole
- Steel
- Temp
- Staging Yard

Land Ownership

- SDG&E Fee Owned, Leased
- US Forest Service
- BLM
- DOD
- USFWS
- Other Federal
- State Parks
- CDFG
- Other State
- County
- City
- Special District
- BIA Trust Land

Water Resources

- Water Centerline

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

Requested By: Tom Carr

Author: dwuertz
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