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October 8, 2008

ADVICE LETTER 2030-E
(U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SUBJECT: NOTICE OF PROPOSED CONSTRUCTION OF THE SHADOWRIDGE TRANSMISSION ENHANCEMENT PROJECT, LOCATED IN THE CITIES OF VISTA, CARLSBAD, SAN MARCOS, AND THE COUNTY OF SAN DIEGO

General Description

Pursuant to General Order (G.O.) 131-D, Section XI, Subsection B.4, San Diego Gas & Electric Company (SDG&E) hereby submits a notice of construction of the Shadowridge Transmission Enhancement Project (STEP) from the Shadowridge Substation located in the City of Vista to the Meadowlark Junction in the City of San Marcos. The project is located in the cities of Vista, Carlsbad, San Marcos, and the County of San Diego.

The proposed project will construct a new 138kV loop circuit (TL 13825), approximately four miles long, from the Meadowlark Junction into the existing Shadowridge Substation. The new double circuit 138kV line will be constructed on approximately 25 new steel tubular galvanized poles mounted on concrete foundations. This new line replaces an existing 138kV single circuit wood pole line, which will be removed after the new line is constructed and energized. Upgrades at the Shadowridge Substation will include the installation of a new circuit breaker within the substation fence.

This project is exempt from the G.O. 131-D Certificate of Public Convenience and Necessity (CPCN) requirements because all of the applicable facilities are designed to operate below 200 kilovolts (kV). This project is also exempt from a Permit to Construct (PTC) in accordance with the provisions of G.O. 131-D, Section III(B)(1)(g) -- the installation of "power line facilities or substations to be located in an existing franchise... or public utility easement," and, as described below, there are no exceptions to this exemption. In compliance with the noticing requirements found in G.O. 131-D, Section XI, Subsections B and C, this informational Advice Letter provides a copy of the Notice of Proposed Construction (Attachment A) and the Notice Distribution List (Attachment B).

Purpose

The project is needed to support the load growth in the Oceanside area. This project will increase transmission capacity at Shadowridge Substation. The loop-in of TL13825 into the Shadowridge Substation will eliminate the overload on the Shadowridge-Meadowlark Tap line for the loss of TL13801 (Encina-Cannon). The proposed increase in transmission capacity at Shadowridge Substation will provide adequate support for load transfer from Melrose Substation and eliminate the reconductoring of TL680B and TL693. This project also supports the long term plan for a new distribution substation in the Oceanside area.

The project will increase reliability and provide additional capacity for existing electrical users and for future developments previously identified in the general plans of local land use authorities. The proposed project is critical to maintaining the electric transmission grid, especially during high energy-usage periods, because it reduces constraints in the electricity supply and adds capacity along a line where increased demand is forecasted. The proposed project would ensure continued safe and reliable electric service to cities in northern San Diego County, especially during unplanned generation outage at Encina and Palomar Energy Power Stations.

Description of Proposed Construction

The proposed project will create a new 138kV loop circuit (TL 13825) from the Meadowlark Junction into the existing Shadowridge Substation constructed on approximately 25 new steel tubular galvanized poles mounted on concrete foundations. Approximately 25 new structures will replace the 32 structures supporting the existing line. A total of approximately 60 wood poles and one steel lattice tower will be removed. The new poles will be an average of 25 feet higher (averaging approximately 84 feet tall) than the existing double-pole wood H-frame structures and single wood poles being replaced (averaging approximately 59 feet tall), depending on the span length (distance between poles). Each new structure is designed to support two electric transmission circuits and one fiber optic wire. The existing TL 13825 between Shadowridge Substation and Meadowlark Junction is a 138 kV single circuit transmission line built on H-frame (two-pole) wood structures.

TL13825 in its current configuration is a 3-terminal tie line connecting the existing Batiquitos, Shadowridge, and Chicarita Substations. The proposed project will reconfigure the three terminal line by opening the tap at Meadowlark Junction to create two new 2-terminal 138 kV circuits. One circuit (TL13825) will connect Shadowridge to Batiquitos Substation. The other circuit will connect Shadowridge to Chicarita Substation.

The proposed project will be constructed while the line on the existing H-frames remains in service. Temporary outages on the existing 138kV circuit may take place daily while foundations are excavated for the new poles and when new poles are being erected. No customer load will be affected by these construction outages. After the new poles are erected, the new conductors and fiber optic line will be strung and attached to the poles. All construction will take place entirely within the existing ROW. Work at the Shadowridge Substation will take place entirely within the fenced area of the existing facility.

A minor relocation of existing electric distribution facilities is required to maintain conductor clearance for the proposed transmission circuits. The distribution relocation involves the undergrounding of approximately 1,600 feet of existing overhead distribution lines.

Project Schedule (Conceptual)

SDG&E plans to begin construction on November 28, 2008 and completion of the project is expected in June 2009.

Potential Environmental Impacts

SDG&E has reviewed the project for potential environmental impacts by preparing a California Environmental Quality Act (CEQA) Environmental Checklist (Checklist). The results of the Checklist review found that this project will not create any significant incremental or cumulative effects. Further, the results of the environmental review do not find any exceptions to the exemptions from a PTC, as described in G.O. 131-D(III)(B)(2).. Upon request, SDG&E's CEQA Environmental Checklist document is available for review.

No cost information is required for this advice filing.

This informational filing will not result in an increase in any rate or charge, conflict with any rate schedule or rules, nor cause the withdrawal of service or result in more restrictive conditions.

Magnetic Field Management:

The CPUC requires utilities to consider "no-cost" and "low-cost" magnetic field management techniques on all new transmission projects as a precautionary measure to reduce public exposure to magnetic fields. SDG&E will implement magnetic field management techniques on this project, as appropriate, in accordance with SDG&E's *EMF Design Guidelines for Electrical Facilities* (Guidelines), as filed with the CPUC in compliance with D.93-11-013 and updated in compliance with D.06-01-042.

SDG&E will take the following measures for the Project: 1. Identify and implement appropriate "no-cost" measures, i.e., those that will not increase overall project costs but will reduce the magnetic field levels. 2. Identify and implement appropriate "low-cost" measures, i.e., those measures costing in the range of 4% of the total budgeted project cost. To qualify, "low-cost" measures must reduce the magnetic field levels by at least 15% at the edge of Right-of-Way (ROW). For this project, the edges of the utility ROW are the adjacent parallel property lines.

An SDG&E Magnetic Field Management Plan for this project is available upon request.

Effective Date

Because this Advice Letter is being filed in accordance with the noticing requirements described in G.O. 131-D, Section XI, Subsection B.4, no resolution is required for approval. GO 96-B. SDG&E respectfully requests that this filing become effective on November 7, which is 30 days after the date filed.

Protest

Anyone may protest this Advice Letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made either in writing or by facsimile and received by October 28, 2008, which is 20 days of the date this Advice Letter was

filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

IMC Branch Chief
Energy Division
California Public Utilities Commission
505 Van Ness Avenue, Room 4002
San Francisco, CA 94102

Copies should also be sent via email to the attention of Honesto Gatchallian (jni@cpuc.ca.gov) and Maria Salinas (mas@cpuc.ca.gov) of the Energy Division. A copy could also be mailed to the Energy Division-IMC Branch, Room 4005 (at the address shown above). It is also requested that a copy of the protest be sent via both e-mail and Facsimile to SDG&E on the same date it is mailed or delivered to the Commission (at the address shown below).

Attn: Rebecca W. Giles
Regulatory Case Administrator
San Diego Gas and Electric
8330 Century Park Court – CP32D
San Diego, CA 92123-1550
Facsimile No. (858) 654-1788
E-mail: RGiles@semprautilities.com

Notice

G.O. 131-D, Section XI, Subsection B. requires that this Advice Letter be filed not less than 30 days before the date such construction is intended to begin. Construction of the project is scheduled to begin November 28, 2008, 45 days from the date notice was first published in the newspaper. In accordance with Section III.G of G.O. 96-B, SDG&E has, on October 8, 2008, served a copy of this filing on the parties shown on the attached list including the parties listed in G.O. 131-D, Section XI, Paragraphs B.1. and B.2., by providing them a copy hereof, either electronically or via the U.S. mail, properly stamped and addressed. A copy of the attached Notice will also be posted on site in accordance with G.O. 131-D, Section XI. Paragraph B.3.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1788 or by e-mail to SDG&ETariffs.com

KEN DEREMER
Director - Tariffs & Regulatory Accounts

(cc list enclosed)

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Aurora Carrillo

Phone #: (858) 654-1542

E-mail: acarrillo@semprautilities.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2030-E

Subject of AL: Notice of Proposed Construction of the Shadowridge Transmission Enhancement Project, located in the Cities of Vista, Carlsbad, San Marcos, and the County of San Diego

Keywords (choose from CPUC listing): _____

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL N/A

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: _____

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: November 7, 2008

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division

Attention: Tariff Unit

505 Van Ness Ave.,

San Francisco, CA 94102

mas@cpuc.ca.gov and jnj@cpuc.ca.gov

San Diego Gas & Electric

Attention: Todd Cahill

8330 Century Park Ct, Room 32C

San Diego, CA 92123

tcahill@semprautilities.com

¹ Discuss in AL if more space is needed.

General Order No. 96-B
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

D. Appling
S. Cauchois
J. Greig
R. Pocta
W. Scott

Energy Division

P. Clanon
S. Gallagher
H. Gatchalian
D. Lafrenz
M. Salinas

CA. Energy Commission

F. DeLeon
R. Tavares

Alcantar & Kahl LLP

K. Harteloo

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

CCSE

S. Freedman
J. Porter

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham
E. Hull

City of Poway

R. Willcox

City of San Diego

J. Cervantes
G. Lonergan
M. Valerio

Commerce Energy Group

V. Gan

Constellation New Energy

W. Chen

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill
J. Pau

Dept. of General Services

H. Nanjo
M. Clark

Douglass & Liddell

D. Douglass
D. Liddell
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg
J. Heather Patrick
J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

OnGrid Solar

Andy Black

Pacific Gas & Electric Co.

J. Clark
M. Huffman
S. Lawrie
E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

R. W. Beck, Inc.

C. Elder

School Project for Utility Rate Reduction

M. Rochman
Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander
K. Cini
K. Gansecki
H. Romero

TransCanada

R. Hunter
D. White

TURN

M. Florio
M. Hawiger

UCAN

M. Shames

U.S. Dept. of the Navy

K. Davoodi
N. Furuta
L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing

Communities Association

S. Dey

White & Case LLP

L. Cottle

Attachment A
NOTICE OF PROPOSED CONSTRUCTION

**Project Name: SHADOWRIDGE TRANSMISSION ENHANCEMENT PROJECT,
LOCATED IN THE CITIES OF VISTA, CARLSBAD, SAN MARCOS, AND THE
COUNTY OF SAN DIEGO**

Date: October 8, 2008

SDG&E Advice Letter Number: 2030-E

Proposed Project:

San Diego Gas & Electric Company plans to enhance the operating capacity and reliability of the existing Shadowridge Substation by creating a new 138kV loop circuit (TL 13825) from the Meadowlark Junction into Shadowridge Substation. The project will improve energy reliability in the region to maintain existing levels of service, support future load growth, and promote the efficiency of the electrical system.

Project Description:

The Shadowridge Transmission Enhancement Project will replace approximately four miles of an existing single circuit 138kV powerline located between the Shadowridge Substation located in the City of Vista, and Meadowlark Junction located in the City of San Marcos. The existing and aging 138kV line on wood poles will be replaced with a new double circuit 138kV power line constructed on steel poles. Some minor improvements at Shadowridge Substation will be required.

The proposed construction includes the following components:

New 138kV double circuit transmission line:

- Install 25 new steel tubular galvanized poles between Meadowlark Junction and Shadowridge Substation
- Install approximately four miles of double circuit 138kV bundled conductor
- Complete minor grading required for construction pads

Improvements at Existing Shadowridge Substation

- Install one (1) dead end structure
- Install one 138kV breaker and disconnect switch

Existing Single Circuit 138kV Transmission Line

- Remove 32 wood pole structures

Magnetic Field Management:

The CPUC requires utilities to consider "no-cost" and "low-cost" magnetic field management techniques on all new transmission projects as a precautionary measure to reduce public exposure to magnetic fields. SDG&E will implement magnetic field management techniques on this project, as appropriate, in accordance with SDG&E's *EMF Design Guidelines for Electrical Facilities* (Guidelines), as filed with the CPUC in compliance with D.93-11-013 and updated in compliance with D.06-01-042.

SDG&E will take the following measures for the Project: 1. Identify and implement appropriate “no-cost” measures, i.e., those that will not increase overall project costs but will reduce the magnetic field levels. 2. Identify and implement appropriate “low-cost” measures, i.e., those measures costing in the range of 4% of the total budgeted project cost. To qualify, "low-cost" measures must reduce the magnetic field levels by at least 15% at the edge of Right-of-Way (ROW). For this project, the edges of the utility ROW are the adjacent parallel property lines.

An SDG&E Magnetic Field Management Plan for this project is available upon request

Exemption from CPUC Authority:

This project is exempt from G.O. 131-D Certificate of Public Convenience and Necessity (CPCN) requirements because all of the applicable facilities are designed to operate below 200kV. This project is exempt from a Permit to Construct (PTC) in accordance with the provisions of G.O. 131-D, Section III(B)(1)(g) -- the installation of “power line facilities or substations to be located in an existing franchise... or public utility easement,” and no exceptions to this exemption exist.

Public Review Process:

Persons or groups may protest the proposed construction if they believe the utility has incorrectly applied for an exemption or believe there is a reasonable possibility that the proposed project or cumulative effects or unusual circumstances associated with the project may adversely impact the environment. Pursuant to CPUC GO 131-D, Section XIII, protests must be filed within 20 calendar days of the date notice of this informational Advice Letter appears in the CPUC calendar. All protests must be filed formally at the CPUC and SDG&E concurrently in accordance with the CPUC’s Rules of Practice and Procedure to those listed below.

California Public Utilities
Commission
Docket Office, Room 2001
505 Van Ness Avenue
San Francisco, CA 94102
AND

Rebecca W. Giles
SDG&E
Regulatory Affairs
8330 Century Park Ct.
San Diego, CA 92123
AND

Ken Lewis
California Public Utilities
Commission
Energy Division
505 Van Ness Avenue,
Rm. 4002
San Francisco, CA 94102

For assistance in filing a protest, please call the CPUC's Public Advisor in Los Angeles at [1-866-849-8391](tel:1-866-849-8391) OR e-mail: public.advisor.la@cpuc.ca.gov

To request further information, please contact: Juanita Hayes, Public Affairs, Manager, Sempra Energy at: 760-480-7650 or 866.405.0008 OR e-mail JHayes1@semprautilities.com.

Attachment B

Advice Letter No. 2030-E

Notice Distribution List

**NOTICE OF PROPOSED CONSTRUCTION OF THE SHADOWRIDGE
TRANSMISSION ENHANCEMENT PROJECT, LOCATED IN THE CITIES OF VISTA,
CARLSBAD, SAN MARCOS, AND THE COUNTY OF SAN DIEGO**

California Public Utilities Commission

Nicholas Sher
505 Van Ness Avenue
San Francisco, CA 94102

Ken Lewis
505 Van Ness Avenue
San Francisco, CA 94102

California Energy Commission

Melissa Jones
Executive Director
1516 Ninth Street, Mail Stop 39
Sacramento, CA 95814

City of Vista

Larry Pierce, Director of Engineering
600 Eucalyptus Avenue
Vista, CA 92084
lpierce@cityof vista.com

City of Carlsbad

Robert T. Johnson, Jr., City Engineer
1635 Faraday Avenue
Carlsbad, CA 92008
BJohn@ci.carlsbad.ca.us

City of San Marcos

Paul Malone, City Manager
1 Civic Center Drive
San Marcos, CA 92069
pmalone@san-marcos.net

Mike Edwards, City Manager
1 Civic Center Drive
San Marcos, CA 92069
medwards@san-marcos.net

County of San Diego

John Snyder, Director of Public Works
County Operations Center
5555 Overland Avenue, Building #2
San Diego, CA 92123
John.Snyder@sdcounty.ca.gov

Eric Gibson, Director of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123
Eric.Gibson@sdcounty.ca.gov

Community Groups

Diane Nygaard, Coordinator
Preserve Calavera
9020 Nighthawk Way
Oceanside, CA 92056
Dandd2@peoplepc.com

Larkspur Heights/Creek
Prescott Company
Becky Burchard
16880 West Bernardo
San Diego CA 92127
becky@prescottmgt.com

Rancho Dorado
Prescott Company
Becky Burchard
5966 La Place Court, Suite 170
Carlsbad CA 92011

Melrose Villas (San Marcos)
Owned by NationalCore National Community Renaissance
9065 Haven Avenue

Suite 100
Rancho Cucamonga, CA 91730
info@nationalcore.org

Local address:

1820 Melrose Drive
San Marcos CA 92078

San Elijo Hills
Walters Management
Teresa Petro
1215 San Elijo Road
San Marcos CA 92078
tpetro@waltersmanagement.com

Old Creek Ranch
Walters Management
Kittie Broughton
1959 Palomar Oaks Way, Suite 320
Carlsbad CA 92011
kbroughton@waltersmanagement.com

Meadowlark HOA
Charles Jackson
1560 Via Del Corvo
San Marcos CA 92078

Vista Business Park Committee
Cindy Erie
E-World Recyclers
2480 Ash St
Vista, CA 92081

Newspapers of General Circulation

San Diego Union-Tribune
North County Times

Neighborhood Notification

The Attachment "A" Notice will be posted in public viewing areas, such as on SDG&E utility poles, along the project route.