
April 15, 2011

ADVICE 2574-E
(U 338-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Notice of Proposed Construction Project Pursuant to
General Order 131-D, Server 66/16 kV Substation Project

Southern California Edison Company (SCE) hereby submits notice pursuant to General Order (GO) 131-D, Section XI, Subsection B.4 of the Construction of Facilities that are exempt from a Permit to Construct. GO 131-D was adopted by the California Public Utilities Commission (Commission) in Decision (D.)94-06-014 and modified by D.95-08-038.

PURPOSE

This advice filing provides a copy of the Notice of Proposed Construction (Attachment A) and the Notice Distribution List (Attachment B) which comply with the noticing requirements found in GO 131-D, Section XI, Subsections B and C.

BACKGROUND

SCE is proposing to construct a 56 Megavolt Amperes (MVA) 66/16 kilovolt (kV) customer-dedicated substation to serve the Equinix Data Center located at 445 North Douglas Street in the City of El Segundo (Server Substation). The substation will be equipped with two (2) 66/16 kV three-phase transformers; four (4) 66 kV circuit breakers in a modified ring-bus configuration 28-foot tall switch rack; one (1) Mechanical Electrical Equipment Room; and two (2) low-side 16 kV service racks each equipped with one (1) circuit breaker and one (1) 16 kV underground getaway to serve the customer's load.

The Server Substation will be located on the southwest corner of the Equinix Data Center property in an area approximately 127 feet by 99 feet, surrounded by a block wall approximately 8.8 feet in height.

The substation will be served by looping the existing Cyber-Douglas-Sepulveda 66 kV subtransmission line on Douglas Street into the proposed substation to form the new

Douglas-Server 66 kV and the new Cyber-Server-Sepulveda 66 kV lines. This work will involve the following (please refer to the enclosed map):

- Equinix Data Center Southern Parking Lot: Two (2) new tubular steel poles and two (2) lightweight steel poles, ranging in height between 58 and 78 feet, would be installed in a linear alignment (approximately 82 feet north of the Equinix site's south property line) within a proposed 25-foot wide overhead utility easement that would traverse the Equinix site's southern parking lot. Approximately 475 feet of new 653 Aluminum Conductor Steel Reinforced (ACSR) conductor would be installed in a double-circuit configuration on these new poles.
- North Douglas Street Right of Way: On the west side of North Douglas Street, between SCE's Douglas Substation (which is located on the east side of North Douglas Street) and the Equinix Data Center southern parking lot, one (1) wood pole would be removed, two (2) wood poles would be modified (reframed by adding new cross arms), and two (2) wood poles (approximately 79 feet in height) would be installed.

Pursuant to Commission GO 131-D, Section III.B.1, projects meeting specific conditions are exempt from the Commission's requirement to file for an application requesting authority to construct. This project qualifies for the following exemption:

- “f: power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document [Environmental Impact Report (EIR) or Negative Declaration] finds no significant unavoidable environmental impacts caused by the proposed line or substation.”

On March 24, 2011, the City of El Segundo Planning Commission approved an Addendum to the Mitigated Negative Declaration (MND) for the Equinix Data Center – EA 893 (SCH No. 2008091056). The MND evaluated the potential environmental impacts pursuant to the California Environmental Quality Act associated with the proposed Server 66/16 kV Substation Project and found that SCE's proposed project causes no significant unavoidable environmental impacts.

GO 131-D, Section XI, Subsection B.4, requires that this advice filing be made not less than 30 days before the date such construction is intended to begin. Construction of the proposed project is scheduled to begin on or after May 31, 2011, and is expected to be completed in April 2012.

No cost information is required for this advice filing.

This advice filing will not increase any rate or charge, cause the withdrawal of service, or conflict with any other rate schedule or rule.

EFFECTIVE DATE

Because this filing is being made in accordance with the noticing requirements described in GO 131-D, Section XI, Subsection B.4, this advice filing will become effective on May 15, 2011, the 30th calendar day after the date filed.

NOTICE

Anyone wishing to protest this advice filing may do so by letter via U.S. Mail, facsimile, or electronically, any of which must be received no later than May 5, 2011. Protests should be mailed to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, California 94102
E-mail: inj@cpuc.ca.gov and mas@cpuc.ca.gov

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004 (same address above).

In addition, protests and all other correspondence regarding this advice letter should also be sent by letter and transmitted via facsimile or electronically to the attention of:

Akbar Jazayeri
Vice President of Regulatory Operations
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: AdviceTariffManager@sce.com

Bruce Foster
Senior Vice President, Regulatory Affairs
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2030
San Francisco, California 94102
Facsimile: (415) 929-5540
E-mail: Karyn.Gansecki@sce.com

There are no restrictions on who may file a protest, but the protest shall set forth specifically the grounds upon which it is based and shall be submitted expeditiously.

In accordance with Section 4 of GO 96-B, SCE is serving copies of this advice filing to the interested parties shown on the attached GO 96-B service list. Address change requests to the GO 96-B service list should be directed by electronic mail to AdviceTariffManager@sce.com or at (626) 302-2930. For changes to all other service

lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Further, in accordance with Public Utilities Code Section 491, notice to the public is hereby given by filing and keeping the advice filing at SCE's corporate headquarters. To view other SCE advice letters filed with the Commission, log on to SCE's web site at <http://www.sce.com/AboutSCE/Regulatory/adviceletters>.

For questions, please contact Christine McLeod at (626) 302-3947 or by electronic mail at Christine.Mcleod@sce.com.

Southern California Edison Company

Akbar Jazayeri

AJ:sq
Enclosures

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.: Southern California Edison Company (U 338-E)

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: James Yee

Phone #: (626) 302-2509

E-mail: James.Yee@sce.com

E-mail Disposition Notice to: AdviceTariffManager@sce.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2574-E

Tier Designation: N/A

Subject of AL: Notice of Proposed Construction Project Pursuant to General Order 131-D, Server 66/16 kV Substation Project

Keywords (choose from CPUC listing): Compliance, Power Lines, Transformer

AL filing type: Monthly Quarterly Annual One-Time Other

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

D.94-06-014, D.95-08-038

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: _____

Summarize differences between the AL and the prior withdrawn or rejected AL¹: _____

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement.

Name and contact information to request nondisclosure agreement/access to confidential information:

Resolution Required? Yes No

Requested effective date: 5/15/11 No. of tariff sheets: -0-

Estimated system annual revenue effect: (%): _____

Estimated system average rate effect (%): _____

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: None

Service affected and changes proposed¹: _____

Pending advice letters that revise the same tariff sheets: _____

¹ Discuss in AL if more space is needed.

Protests regarding this AL are due no later than May 5, 2011, which is 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
inj@cpuc.ca.gov and mas@cpuc.ca.gov

Akbar Jazayeri
Vice President of Regulatory Operations
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, California 91770
Facsimile: (626) 302-4829
E-mail: AdviceTariffManager@sce.com

Bruce Foster
Senior Vice President, Regulatory Affairs
c/o Karyn Gansecki
Southern California Edison Company
601 Van Ness Avenue, Suite 2030
San Francisco, California 94102
Facsimile: (415) 929-5540
E-mail: Karyn.Gansecki@sce.com

Attachment A

NOTICE OF PROPOSED CONSTRUCTION

Server 66/16 kV Substation Project
SCE Advice Letter Number: 2574-E
Date: April 15, 2011

Proposed Project:

Southern California Edison Company (SCE) is proposing to construct a 56 Megavolt Amperes (MVA) 66/16 kilovolt (kV) customer-dedicated substation to serve the Equinix Data Center located at 445 North Douglas Street in the city of El Segundo. The substation will be equipped with two (2) 66/16 kV three-phase transformers; four (4) 66 kV circuit breakers in a modified ring-bus configuration 28-foot tall switch rack; one (1) Mechanical Electrical Equipment Room; and two (2) low-side 16 kV service racks each equipped with one (1) circuit breaker and one (1) 16 kV underground getaway to serve the customer's load.

The Server Substation will be located on the southwest corner of the Equinix Data Center property in an area approximately 127 feet by 99 feet, surrounded by a block wall approximately 8.8 feet in height.

The substation will be served by looping the existing Cyber-Douglas-Sepulveda 66 kV subtransmission line on Douglas Street into the proposed substation to form the new Douglas-Server 66 kV and the new Cyber-Server-Sepulveda 66 kV lines. This work will involve the following (please refer to the enclosed map):

- Equinix Data Center Southern Parking Lot: Two (2) new tubular steel poles and two (2) lightweight steel poles, ranging in height between 58 and 78 feet, would be installed in a linear alignment (approximately 82 feet north of the Equinix site's south property line) within a proposed 25-foot wide overhead utility easement that would traverse the Equinix site's southern parking lot. Approximately 475 feet of new 653 Aluminum Conductor Steel Reinforced (ACSR) conductor would be installed in a double-circuit configuration on these new poles.
- North Douglas Street Right of Way: On the west side of North Douglas Street, between SCE's Douglas Substation (which is located on the east side of North Douglas Street) and the Equinix Data Center southern parking lot, one (1) wood pole would be removed, two (2) wood poles would be modified (reframed by adding new cross arms), and two (2) wood poles (approximately 79 feet in height) would be installed.

Construction of the proposed project is scheduled to begin on or after May 31, 2011, and is expected to be completed in April 2012.

EMF Compliance: The California Public Utilities Commission (CPUC) requires utilities to employ "no cost" and "low cost" measures to reduce public exposure to electric and magnetic fields (EMF). In accordance with "EMF Design Guidelines" filed with the CPUC in compliance with CPUC Decisions 93-11-013 and 06-01-042, SCE would implement the following measure(s) for this project:

1. Utilizing pole heights that meet or exceed SCE's preferred EMF design criteria.
2. Utilizing double-circuit construction that reduces spacing between circuits as compared with single-circuit construction.
3. Arranging conductors of proposed subtransmission lines for magnetic field reduction.
4. Placing major substation electrical equipment (such as transformers, switch racks, buses and underground duct banks) away from the substation property lines.

Exemption from CPUC Authority: Pursuant to CPUC General Order 131-D, Section III.B.1, projects meeting specific conditions are exempt from the CPUC's requirement to file an application requesting authority to construct. This project qualifies for the following exemption:

"f. power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document [Environmental Impact Report (EIR) or Negative Declaration] finds no significant unavoidable environmental impacts caused by the proposed line or substation."

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Public Review Process: Persons or groups may protest the proposed construction if they believe that 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.

Protests must be filed by May 5, 2011, and should include the following:

1. Your name, mailing address, and daytime telephone number.
2. Reference to the SCE Advice Letter Number and Project Name Identified.
3. A clear description of the reason for the protest.

The letter should also indicate whether you believe that evidentiary hearings are necessary to resolve factual disputes. Protests for this project must be mailed within 20 calendar days to:

California Public Utilities Commission
Director, Energy Division
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

AND

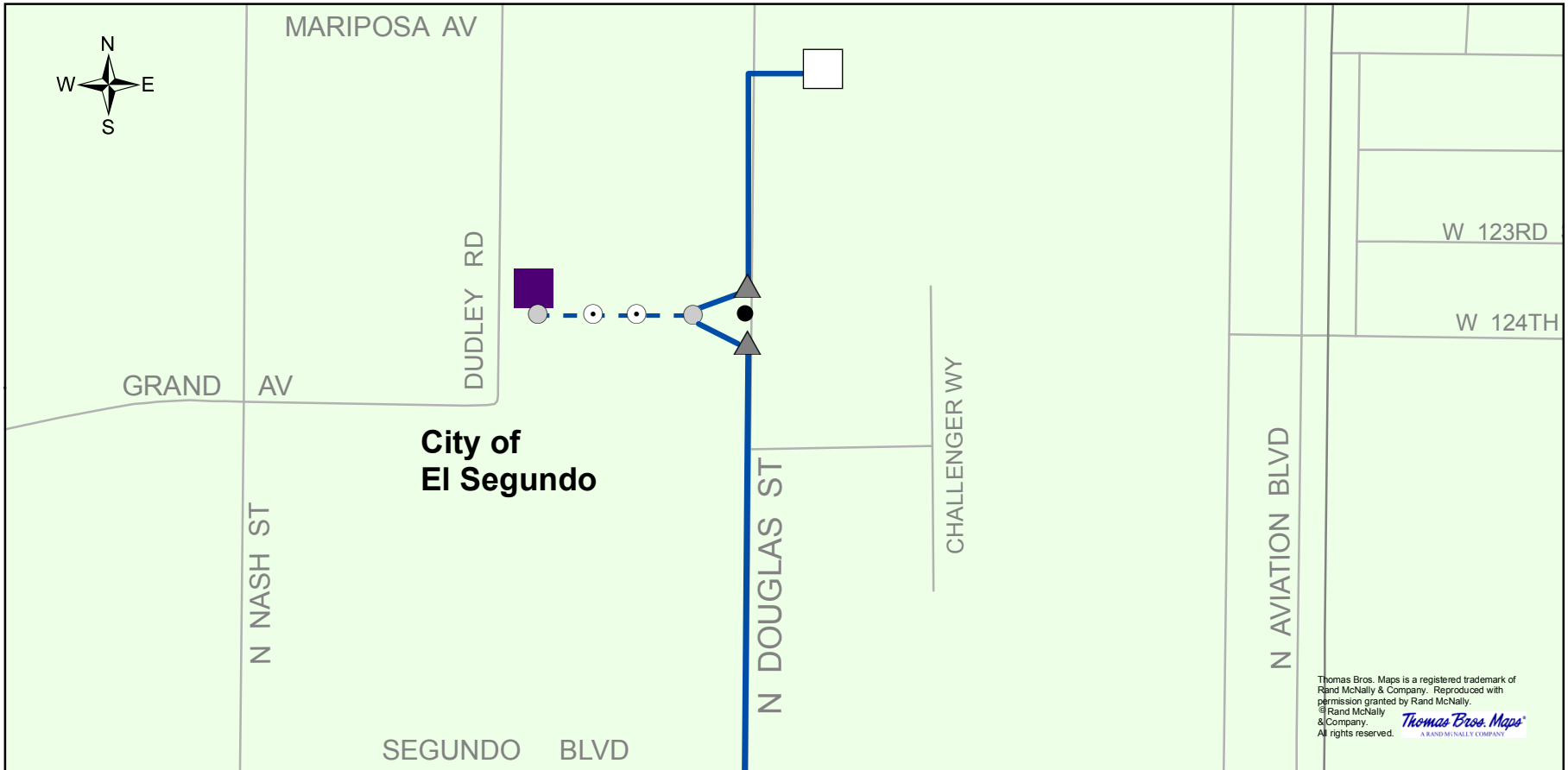
Southern California Edison Company
Law Department - Exception Mail
2244 Walnut Grove Avenue
Rosemead, CA 91770
Attention: C. Lawson

SCE must respond within five business days of receipt and serve copies of its response on each protestant and the CPUC. Within 30 days after SCE has submitted its response, the Executive Director of the CPUC will send you a copy of an Executive Resolution granting or denying the request and stating the reasons for the decision.

Assistance in Filing a Protest: For assistance in filing a protest, contact the CPUC's Public Advisor in San Francisco at (415) 703-2074 or in Los Angeles at (213) 576-7057.

Additional Project Information: To obtain further information on the proposed project, please contact:

Scott Gobble
SCE Local Public Affairs Region Manager
SCE South Bay Service Center
505 Maple Avenue, Torrance, CA 90503
Phone: (310) 783-9386



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Server 66/16 kV Substation Project

Legend

- Proposed Server 66/16 kV Substation
- Existing Douglas 66/16 kV Substation
- New tubular steel pole ranging between 58 - 78 feet in height
- New light weight steel pole approximately 75 feet in height
- New wood pole approximately 79 feet in height
- Relocated existing wood pole
- New portions of the Douglas-Server and Cyber-Server-Sepulveda 66 kV lines
- Existing Cyber-Douglas-Sepulveda 66 kV line to become new Douglas-Server and Cyber-Server-Sepulveda 66 kV lines



Attachment B

NOTICE OF DISTRIBUTION LIST Server 66/16 kV Substation Project

Distribution List

1) Agencies

Greg Carpenter
Director, Planning and Building Safety
City of El Segundo
350 Main Street
El Segundo, CA 90245

Melissa Jones
Executive Director
California Energy Commission
1516 9th Street, MS-39
Sacramento, CA 95814-5512

2) Newspapers

Daily Breeze
South Bay Tower
21250 Hawthorne Blvd., Suite 170
Torrance, CA 90503