

PUBLIC UTILITIES COMMISSION

SAN FRANCISCO, CA 94102-3298



July 29, 2009

Advice Letter 2347-E

Akbar Jazayeri
Vice President, Regulatory Operations
Southern California Edison Company
P O Box 800
Rosemead, CA 91770

**Subject: Notice of Proposed Construction Project Pursuant to
General Order 131-D, Cyber 66/12 kV Substation
Project**

Dear Mr. Jazayeri:

Advice Letter 2347-E is effective June 29, 2009.

Sincerely,

A handwritten signature in blue ink that reads "Julie A. Fitch".

Julie A. Fitch, Director
Energy Division

May 29, 2009

ADVICE 2347-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, Cyber 66/12 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

Southern California Edison Company (SCE) is proposing to construct a new 20 megavolt-amperes (MVA), 66/12 kilovolt (kV) customer dedicated substation. The new substation, which will be named Cyber Substation, will be located at 444 Nash Street, El Segundo, California, at a new data center operated by Base Partners, Inc. The substation will be equipped with a 66 kV dead end rack with a 66 kV circuit breaker with one incoming 66 kV subtransmission line serving one 66/12 kV power transformer. The transformer will be connected to two 12 kV service racks to provide dedicated distribution circuits to the new customer switchgear. The substation will be equipped with revenue metering equipment to provide electrical service for the new data center. The substation would be located in an area approximately 90 feet wide by 60 feet long, and will be surrounded by an 8-foot high (minimum) perimeter fence with barbed wire.

The substation will be served by tapping the existing Douglas-Sepulveda 66 kV subtransmission line. This will involve the replacement of three existing wood subtransmission poles on El Segundo Boulevard with up to three new wood subtransmission poles and two guy poles, if necessary. On Duley Road, SCE will

reconfigure approximately 8 existing wood poles by installing insulators, where needed, to accommodate the new second 66 kV circuit. SCE will install approximately 2000 feet of 336 Aluminum Conductor Steel Reinforced on the existing pole line. In addition, on Duley Road, SCE will install one new tubular steel pole (TSP) on the east side and across the street from the new Cyber Substation, and one new TSP on the west side of Duley Road inside the substation, through which the substation will receive its tapped single circuit 66 kV feed from the newly formed Cyber-Douglas-Sepulveda 66 kV line. All affected subtransmission facilities of the project, existing and new, will consist of subtransmission poles ranging in height between 60 – 75 feet.

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.”

On December 11, 2008, the City of El Segundo Planning Commission approved the “Final December 2008 Initial Study/Mitigated Negative Declaration (IS/MND) Data Center - EA 786.” The IS/MND analyzed the Data Center project, including the substation and related subtransmission line project elements, pursuant to the California Environmental Quality Act (CEQA) and found that the proposed project causes no significant unavoidable environmental impacts. The EIR Addendum was filed with the State Clearinghouse (SCH No. 2008101090).

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 July 13, 2009, and is expected to be completed in October 2009.

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 June 29, 2009, 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 June 18, 2009. 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 2040
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 General Order No. 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) 302-4039. 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:cm:jm
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) #: 2347-E

Tier Designation: N/A

Subject of AL: Notice of Proposed Construction Project Pursuant to General Order 131-D, Cyber 66/12 kV Substation Project

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

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 and 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: 6/29/09 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 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
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 2040
San Francisco, California 94102
Facsimile: (415) 673-1116
E-mail: Karyn.Gansecki@sce.com

NOTICE OF PROPOSED CONSTRUCTION

Cyber 66/12 kV Substation Project
SCE Advice Letter Number: 2347-E
Date: May 29, 2009

Proposed Project:

Southern California Edison Company (SCE) is proposing to construct a new 20 megavolt-amperes (MVA), 66/12 kilovolt (kV) customer dedicated substation. The new substation, which will be named Cyber Substation, will be located at 444 Nash Street, El Segundo, California, at a new data center operated by Base Partners Inc. The substation will be equipped with a 66 kV dead end rack with a 66 kV circuit breaker with one incoming 66 kV subtransmission line serving one 66/12 kV power transformer. The transformer will be connected to two 12 kV service racks to provide dedicated distribution circuits to the new customer switchgear. The substation will be equipped with revenue metering equipment to provide electrical service for the new data center. The substation would be located in an area approximately 90 feet wide by 60 feet long, and will be surrounded by an 8-foot high (minimum) perimeter fence with barbed wire.

The substation will be served by tapping the existing Douglas-Sepulveda 66 kV subtransmission line. This will involve the replacement of three existing wood subtransmission poles on El Segundo Boulevard with up to three new wood subtransmission poles and two guy poles, if necessary. On Duley Road, SCE will reconfigure approximately 8 existing wood poles by installing insulators, where needed, to accommodate the new second 66 kV circuit. SCE will install approximately 2000 feet of 336 Aluminum Conductor Steel Reinforced on the existing pole line. In addition, on Duley Road, SCE will install one new tubular steel pole (TSP) on the east side and across the street from the new Cyber Substation, and one new TSP on the west side of Duley Road inside the substation, through which the substation will receive its tapped single circuit 66 kV feed from the newly formed Cyber-Douglas-Sepulveda 66 kV line. All affected subtransmission facilities of the project, existing and new, will consist of subtransmission poles ranging in height between 60 – 75 feet.

Construction of the proposed project is scheduled to begin on July 13, 2009, and is expected to be completed in October 2009.

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. Place major substation electric equipment (such as transformers) away from the existing substation property lines.
2. Phase circuits to reduce magnetic fields.

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 June 18, 2009, 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

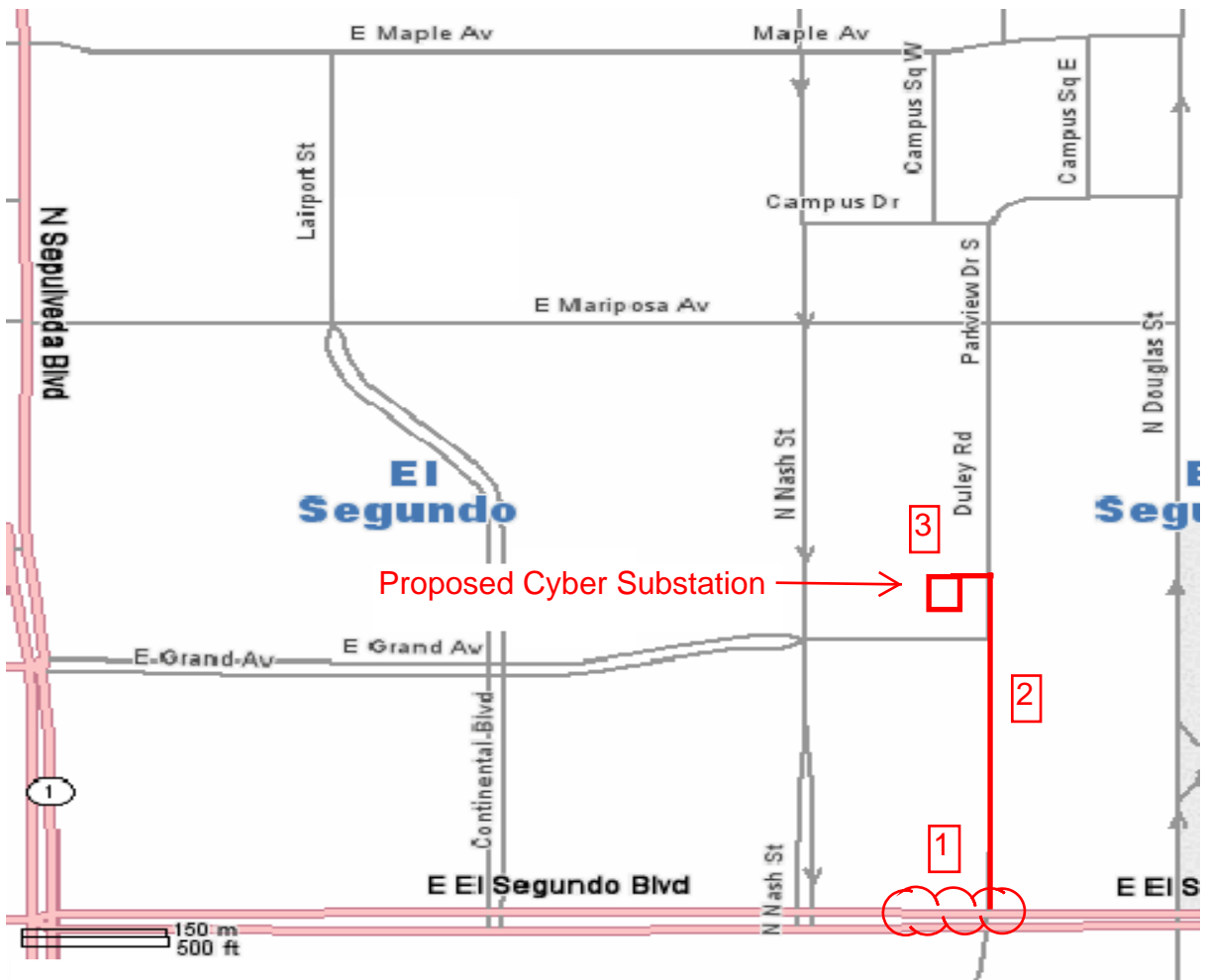
SCE must respond within five business days of receipt and serve copies of its response on each protestant and the CPUC. Within 30 days after SCE has submitted its response, the Executive Director of the CPUC will send you a copy of an Executive Resolution granting or denying the request and stating the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

Steve Bradford
SCE Local Public Affairs Region Manager
SCE Dominguez Hills Service Center
1924 Cashdan Street
Compton, CA 90220
310-783-9341

CYBER 66/12 kV Substation Project



LEGEND

1. Tap the existing Douglas-Sepulveda 66 kV subtransmission Line on El Segundo Blvd. Replace 3 existing subtransmission poles and 2 guy poles to accommodate the tap line.
2. Reconfigure existing wood poles by installing insulators as needed to support approximately 2000 feet of Aluminum Conductor Steel Reinforced.
3. Connect new 66 kV tap line to new Cyber Substation.

Attachment B

NOTICE OF DISTRIBUTION LIST Cyber 66/12 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