
December 6, 2010

**ADVICE 2517-E-A
(U 338-E)**

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
ENERGY DIVISION

SUBJECT: Supplement to Advice 2517-E, McGrath 66 kV Substation
Project

Pursuant to a request from the California Public Utilities Commission (CPUC), Southern California Edison Company (SCE) is supplementing, in part, Advice 2517-E with the final California Environmental Quality Act (CEQA) equivalent document prepared by the California Coastal Commission pursuant to its certified state regulatory program authority for the McGrath 66 kV Substation Project relevant to General Order (GO) 131-D, Section III.B.f. The final CEQA document can be found at:

<http://documents.coastal.ca.gov/reports/2009/8/Th10a-8-2009.pdf>

BACKGROUND

SCE is proposing to construct a 66 kilovolt (kV) switching substation (McGrath Substation) to interconnect the approved but not yet constructed SCE McGrath gas turbine peaker generating facility located at 251 N. Harbor Boulevard in Oxnard, California. The substation will be equipped with one (1) 66 kV circuit breaker, three (3) three-phase 66 kV disconnect switches, one (1) 66 kV bypass disconnect switch, and one (1) prefabricated mechanical electrical equipment room. The substation will be located adjacent to and south of the proposed peaker generating facility on a site approximately 76 feet long by 65 feet wide, surrounded by an 8-foot high perimeter fence, on property already owned by SCE.

The McGrath 66 kV Substation Project will involve the construction of two (2) new 66 kV lines (the McGrath Peaker 66 kV interconnection line and the Gonzales-Mandalay-McGrath 66 kV line) to connect the SCE McGrath peaker generating facility to the SCE transmission grid as discussed below (please refer to the enclosed map).

The McGrath Peaker 66 kV interconnection line, which will be approximately 194 feet in length and will be located on SCE-owned property, will connect the SCE McGrath peaker generating facility to the proposed McGrath Substation. It will extend from the north side

of the proposed McGrath Substation and then turn west to terminate inside the east end of the SCE McGrath peaker generating facility. To construct the McGrath Peaker 66 kV interconnection line, SCE will:

- Construct two (2) new wood poles ranging in height between 55 and 60 feet; and
- String new single-circuit 336.4 Aluminum Conductor Steel Reinforced (ACSR).

The Gonzales-Mandalay-McGrath 66 kV line will connect the proposed McGrath 66 kV Substation to SCE's transmission system. This new 66 kV line, which will be approximately 1,350 feet in length and located entirely on SCE-owned property, will extend from a point immediately east of SCE's existing Mandalay 66 kV Substation, which is located at 393 N. Harbor Boulevard on the east side of the street, to the new McGrath 66 kV Substation located on the west side of Harbor Boulevard. The new 66 kV line will be created by tapping into the existing Gonzales-Mandalay 66 kV line, converting and rebuilding a portion of the existing Channel Islands-Mandalay-Unioil 66 kV line to double-circuit configuration, and constructing a new line segment between the Channel Islands-Mandalay-Unioil 66 kV line and the proposed McGrath 66 kV Substation. This work will involve the following:

- To tap the existing Gonzales-Mandalay 66 kV line and support the installation of the new Gonzales-Mandalay-McGrath 66 kV line, SCE will do the following work just east of the existing Mandalay 66 kV Substation:
 - Replace two (2) existing wood poles, ranging in height between 55 and 80 feet, with one (1) 85-foot engineered tubular steel pole and one (1) 65-foot wood pole; and
 - Replace one (1) existing 75-foot wood pole on the nearby Santa Clara-Mandalay #3&4 66 kV line with a new 75-foot wood pole.
- From the new 85-foot engineered tubular steel pole installed as discussed above, and proceeding in a southerly direction along a portion of the existing Channel Islands-Mandalay-Unioil 66 kV line for approximately 1,030 feet (to a point on the east side of Harbor Boulevard approximately 2,900 feet north of Fifth Street), SCE will:
 - Replace four (4) existing wood poles, ranging in height between 60 and 75 feet, with four (4) new wood poles, ranging in height between 70 and 75 feet;
 - Interset three (3) new wood poles ranging in height between 70 and 80 feet; and
 - String new 336.4 ACSR conductor on the new poles in a double-circuit configuration.

- From the location discussed above on the east side of Harbor Boulevard (approximately 2,900 feet north of Fifth Street), SCE will construct a new single-circuit 66 kV line segment, approximately 320 feet in length, west across Harbor Boulevard to the proposed McGrath 66 kV Substation. In order to construct this line segment, SCE will:
 - Construct two (2) new wood poles, ranging in height between 55 and 65 feet, between the west side of Harbor Boulevard and the proposed substation; and
 - String new single-circuit 336.4 ACSR conductor.

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

- “g. power line facilities or substations to be located in an existing franchise, road-widening setback easement, or public utility easement; or in a utility corridor designated, precisely mapped and officially adopted pursuant to law by federal, state or local agencies for which a final negative Declaration or EIR finds 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 November 15, 2010, and is expected to be completed by July 2011.

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

SCE requests that this advice filing become effective upon approval by the Energy Division.

PROTESTS

In accordance with GO 96-B, Section 7.5.1, “(t)he filing of a supplement, or of additional information at the request of the reviewing Industry Division, does not automatically continue or reopen the protest period or delay the effective date of the advice letter. The reviewing Industry Division, on its own motion or at the request of any person, may issue a notice continuing or reopening the protest period. Any new protest shall be limited to the substance of the supplement or additional information.”

All correspondence regarding this advice letter should be sent by letter and transmitted via facsimile or electronically to the attention of all of the following:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, California 94102
Facsimile: (415) 703-2200
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).

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

NOTICE

In accordance with Section 4 of GO 96-B, SCE is serving copies of this advice filing supplement 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) #: 2517-E-A Tier Designation: N/A

Subject of AL: Supplement to Advice 2517-E, McGrath 66 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, 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: Upon approval 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.

All correspondence regarding this AL shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.,
San Francisco, CA 94102
Facsimile: (415) 703-2200
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

MCGRATH 66 KILOVOLT (kV) SUBSTATION PROJECT

Supplement to SCE Advice Letter Number: 2517-E

Date: December 6, 2010

Proposed Project:

Southern California Edison Company (SCE) is proposing to construct a 66 kilovolt (kV) switching substation (McGrath Substation) to interconnect the approved but not yet constructed SCE McGrath gas turbine peaker generating facility located at 251 N. Harbor Blvd. in Oxnard, California. The substation will be equipped with one (1) 66 kV circuit breaker, three (3) three-phase 66 kV disconnect switches, one (1) 66 kV bypass disconnect switch, and one (1) prefabricated mechanical electrical equipment room. The substation will be located adjacent to and south of the proposed peaker generating facility on a site approximately 76 feet long by 65 feet wide, surrounded by an 8-foot high perimeter fence, on property already owned by SCE.

The McGrath 66 kV Substation Project will involve the construction of two (2) new 66 kV lines (the McGrath Peaker 66 kV interconnection line and the Gonzales-Mandalay-McGrath 66 kV line) to connect the SCE McGrath peaker generating facility to the SCE transmission grid as discussed below (please refer to the enclosed map).

The McGrath Peaker 66 kV interconnection line, which will be approximately 194 feet in length and will be located on SCE-owned property, will connect the SCE McGrath peaker generating facility to the proposed McGrath Substation. It will extend from the north side of the proposed McGrath Substation and then turn west to terminate inside the east end of the SCE McGrath peaker generating facility. To construct the McGrath Peaker 66 kV interconnection line, SCE will:

- Construct two (2) new wood poles, ranging in height between 55 and 60 feet; and
- String new single-circuit 336.4 Aluminum Conductor Steel Reinforced (ACSR).

The Gonzales-Mandalay-McGrath 66 kV line will connect the proposed McGrath 66 kV Substation to SCE's transmission system. This new 66 kV line, which will be approximately 1,350 feet in length and located entirely on SCE-owned property, will extend from a point immediately east of SCE's existing Mandalay 66 kV Substation, which is located at 393 N. Harbor Blvd. on the east side of the street, to the new McGrath 66 kV Substation located on the west side of Harbor Blvd. The new 66 kV line will be created by tapping into the existing Gonzales-Mandalay 66 kV line; converting and rebuilding a portion of the existing Channel Islands-Mandalay-Unioil 66 kV line to double-circuit configuration; and constructing a new line segment between the Channel Islands-Mandalay-Unioil 66 kV line and the proposed McGrath 66 kV Substation. This work will involve the following:

- To tap the existing Gonzales-Mandalay 66 kV line and support the installation of the new Gonzales-Mandalay-McGrath 66 kV line, SCE will do the following work just east of the existing Mandalay 66 kV Substation:
 - Replace two (2) existing wood poles, ranging in height between 55 and 80 feet, with one (1) 85-foot engineered tubular steel pole and one (1) 65-foot wood pole; and
 - Replace one (1) existing 75-foot wood pole on the nearby Santa Clara-Mandalay #3&4 66 kV line with a new 75-foot wood pole.

- From the new 85-foot engineered tubular steel pole installed as discussed above, and proceeding in a southerly direction along a portion of the existing Channel Islands-Mandalay-Unioil 66 kV line for approximately 1,030 feet (to a point on the east side of Harbor Blvd. approximately 2,900 feet north of Fifth Street), SCE will:
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 - Construct two (2) new wood poles, ranging in height between 55 and 65 feet, between the west side of Harbor Boulevard and the proposed substation; and
 - String new single-circuit 336.4 ACSR conductor.

Construction of the proposed project is anticipated to begin on or after November 15, 2010, and expected to be completed by July 2011.

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. Using pole heights that meet or exceed “preferred” 66 kV design criteria as specified in SCE EMF Design Guidelines.
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, switchracks) 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:

“g. power line facilities or substations to be located in an existing franchise, road-widening setback easement, or public utility easement; or in a utility corridor designated, precisely mapped and officially adopted pursuant to law by federal, state, or local agencies for which a final Negative Declaration or EIR finds no significant unavoidable environmental impacts.”

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<http://documents.coastal.ca.gov/reports/2009/8/Th10a-8-2009.pdf>

Public Review Process: In accordance with GO 96-B, Section 7.5.1, “(t)he filing of a supplement, or of additional information at the request of the reviewing Industry Division, does not automatically continue or reopen the protest period or delay the effective date of the advice letter. The reviewing

Industry Division, on its own motion or at the request of any person, may issue a notice continuing or reopening the protest period. Any new protest shall be limited to the substance of the supplement or additional information.”

All correspondence regarding this advice letter supplement should be sent by letter and transmitted via facsimile or electronically to the attention of:

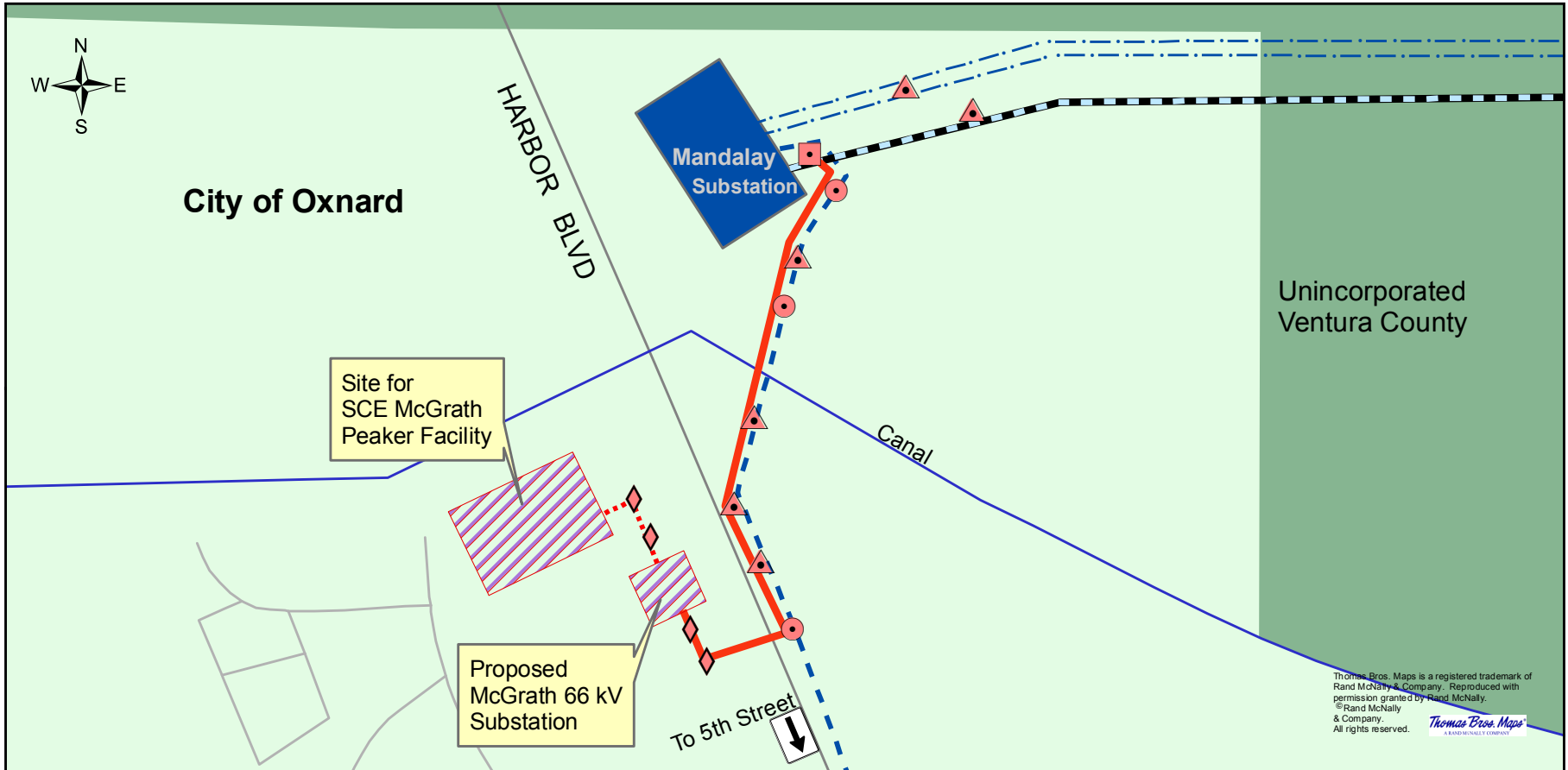
California Public Utilities Commission
Director, Energy Division
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

AND

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










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

Nancy M. Williams
SCE Local Public Affairs Region Manager
SCE Ventura Service Center
10060 Telegraph Road, Ventura, CA 93004
Phone: (805) 654-7226



MCGRATH 66 KILOVOLT (kV) SUBSTATION PROJECT

Legend

-  Construct new wood pole ranging in height between 55 - 65 feet
-  Wood poles to be replaced with new wood poles ranging in height between 65 - 75 feet
-  Replace existing 80-foot wood pole with one 85-foot engineered tubular steel pole
-  Intersect new wood pole ranging in height between 70 - 80 feet
-  Proposed new McGrath Peaker 66 kV interconnection line
-  Proposed new Gonzales-Mandalay-McGrath 66 kV line
-  Existing Gonzales-Mandalay 66 kV line
-  Existing Channel Islands-Mandalay-Unioil 66 kV line
-  Existing Santa Clara-Mandalay #3&4 66 kV lines



Attachment B

NOTICE OF DISTRIBUTION LIST McGrath 66 kV Substation Project

Distribution List

1) Agencies

Matthew Winegar, Planning Director
Development Services Department
City of Oxnard
214 South C Street
Oxnard, CA 93030

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

2) Newspapers

Ventura County Star
P.O. Box 6006
Camarillo, CA 93011