

## NOTICE OF PROPOSED CONSTRUCTION

**Southern California Edison's Natural Substation Project**  
**(In Support of Southern California Gas Company's Aliso Canyon Turbine Replacement Project)**  
**SCE Advice Letter Number: 3067-E**  
**Date: June 30, 2014**

### Proposed Project:

Southern California Edison (SCE) proposes to construct a new customer-dedicated 66 kilovolt (kV) substation and related new and modified electrical facilities (Natural Substation Project or Proposed Project) as part of the Southern California Gas Company's (SoCalGas) Aliso Canyon Turbine Replacement (ACTR) Project that was recently approved by the California Public Utilities Commission (CPUC) in Decision 13-11-023. SoCalGas has requested new electrical service from SCE in order to provide power to new electric compressors that will be installed by SoCalGas at its Aliso Canyon Gas Storage Facility located north of the intersection of Sesnon Boulevard and Tampa Avenue in an unincorporated area of Los Angeles County north of Porter Ranch.

SCE's Natural Substation Project involves:

- Construction of a new 56-megavolt-ampere (MVA), 66/12 kV substation (Natural Substation), which will be constructed and operated at the storage field on an approximately 1-acre site.
- Modifications to approximately 8.0 miles of SCE's Macneil-Newhall-San Fernando-Sunshine 66 kV Subtransmission Line between SCE's Newhall 66/16 kV Substation (located at the northwest corner of the intersection of Lyons Avenue and Wiley Canyon Road in the City of Santa Clarita) and the storage field (please refer to the enclosed map).<sup>1</sup>
  - Approximately 57 existing towers and poles on the existing 66 kV line will be replaced with approximately 51 new tubular steel poles. The existing towers and poles range in height between 40 and 109 feet; the new tubular steel poles will range in height between 60 and 125 feet, with the average height for most locations to be 80 feet. The existing 4/0 CU and 336 ACSR 66 kV conductor (wire) will be replaced with new 954 ACSR conductor. In addition, new optical ground wire (OPGW, which is an overhead telecommunications cable) will be installed at the peaks of the new tubular steel poles between the Newhall Substation and the proposed Natural Substation. The OPGW is required in order to ensure that the proposed Natural Substation can connect to SCE's communication system and for subtransmission line protection.
  - The existing 66 kV line travels south from the Newhall Substation along Wiley Canyon Road for 0.37 mile until Wiley Canyon Road intersects Old Wiley Canyon Road. The 66 kV route continues south on Old Wiley Canyon Road for 0.21 mile until it departs from the road and continues through an open area for approximately 0.17 mile and then merges with Wiley Canyon Road again near the intersection of Wiley Canyon Road and Fowl Road. The route continues south along Wiley Canyon Road for approximately 0.24 mile until it departs again from Wiley Canyon Road and traverses approximately 0.17 mile through a commercial property located at the northwest intersection of Wiley Canyon Road and Calgrove Boulevard west of Interstate 5 (I-5).
  - South of Calgrove, the route continues south through the hills adjacent to I-5 paralleling the freeway and portions of The Old Road for 3.10 miles until a point approximately 0.3 mile north of the I-5 and State Route 14 junction.
  - The route then turns and heads west and continues for 3.7 miles to the proposed Natural Substation location. It crosses the I-5 and continues toward the Sunshine Canyon Landfill.<sup>2</sup> On the west side of the landfill, it continues west across unincorporated Los Angeles County park property and then proceeds into the Aliso Canyon Storage field property, where it will ultimately connect into the proposed Natural Substation and then proceed for approximately 0.14 mile west of the substation to the last new tubular steel pole to be installed on the modified subtransmission line route.
  - The new tubular steel poles will be installed in the same general alignment as the existing 66 kV line, except for two locations (noted on the attached map) where the route will deviate from the existing alignment for several hundred feet at each location in order to avoid constructability challenges associated with the existing terrain.
  - In several locations along the subtransmission line route, access roads will be improved in order to accommodate construction.
- Modifications to SCE's San Fernando 66/16 kV Substation, which is located in the 15000 block of San Fernando Mission Boulevard in the Mission Hills community in the City of Los Angeles. Within the footprint of San Fernando Substation, new circuit breakers, disconnect switches, and associated equipment involving ground disturbance will be installed. In addition, SCE will also need to route a portion (approximately 250 feet) of the existing 66 kV overhead line underground within the substation in order to maintain line clearances. As part of the 66 kV work at the substation property, SCE will also replace three (3) existing towers, which currently are approximately 60 feet in height with three (3) new tubular steel poles, which will be approximately 80 feet in height, on SCE's existing Macneil-Newhall-San Fernando-Sunshine 66 kV Subtransmission Line.<sup>3</sup>

Construction of the Proposed Project is anticipated to begin on or after September 2, 2014, and is expected to be completed by March 1, 2016.

Prior to beginning construction, SCE is required to prepare and obtain approvals from the CPUC through the issuance of Notices to Proceed (NTP). The CPUC will not authorize construction activities until all applicable preconstruction requirements are completed for each stage of the project. Before granting an approval of an NTP, the CPUC will confirm that (1) SCE has complied with all preconstruction applicant proposed measures and mitigation measures identified in the CPUC's environmental documents, (including any required surveys) and (2) SCE has obtained all necessary approvals from other regulatory agencies. In limited areas, where SCE requires new or upgraded land rights, SCE will put forth best efforts to finalize all acquisitions prior to commencement of construction activities, in order to limit the utilization of Temporary Entry Permits. The construction activities anticipated to begin as early as September 2014 include the relocation of a limited number of subtransmission poles at the proposed Natural Substation site. Thereafter, as the schedule is confirmed for other portions of the project, SCE will communicate with affected residents and stakeholders.

<sup>1</sup>Please note, the Macneil-Newhall-San Fernando-Sunshine 66 kV Subtransmission Line is the same line discussed in the CPUC's Final Environmental Impact Report (FEIR) for the SoCalGas ACTR Project as the "Chatsworth-MacNeil-Newhall-San Fernando" 66-kV Subtransmission Line. The line name has changed due to the recent in-servicing of the Sunshine Substation in the Sunshine Canyon Landfill.

<sup>2</sup>Note: the existing subtransmission structures within the Sunshine Canyon Landfill are being replaced/relocated from the center of the landfill to the northerly perimeter of the landfill under separate customer-requested projects. A portion of the poles have already been relocated as part of the Sunshine Gas Producers Renewable Energy Project for which the South Coast Air Quality Management District issued a Final Supplemental Environmental Impact Report (State Clearinghouse No. 92041053) in April 2012 (SCE's construction occurred via notification provided through SCE Advice Letter 2755-E filed at the CPUC in July 2012). The remaining poles in the landfill will be replaced/relocated in 2014 under a separate request from Browning Ferris Industries of California for which SCE filed an application for a Permit to Construct (PTC) at the CPUC in November 2012. SCE's PTC application was approved by the CPUC in March 2014 in Decision 14-03-030, which certified an Addendum issued by the CPUC to the County of Los Angeles Final Environmental Impact Report for the Sunshine Canyon Landfill Extension Project (State Clearinghouse No. 89071210). After the new tubular steel poles are installed under these separate projects, SCE will install the OPGW and conductor required for the SoCalGas ACTR Project/SCE Natural Substation Project.

<sup>3</sup>Note, the three (3) tubular steel poles to be installed and the three (3) towers to be removed at San Fernando Substation are included in the overall pole installation and tower removal count discussed in an earlier bullet.

**EMF Compliance:** The 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:

- Utilize pole heights that meet or exceed SCE’s preferred EMF design criteria.
- Arrange conductors of proposed subtransmission lines for magnetic field reductions.
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction.
- Place major substation electrical equipment (such as transformers, switchracks, buses and underground duct banks) away from the substation property lines.
- Configure the substation transfer and operating buses with the transfer bus closest to the nearest property line.

**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 line facilities 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 November 13, 2013, the California Public Utilities Commission certified the Final Environmental Impact Report (FEIR) for the SoCalGas ACTR Project (State Clearinghouse No. 2010101075). The CPUC’s FEIR for the SoCalGas ACTR Project states that “(n)ew and modified Southern California Edison (SCE) electric service facilities would be required to provide power for the (ACTR Project); thus, the improvements that would be carried out by SCE are considered part of the proposed project and are subject to the same level of CEQA review as the other components of the (ACTR Project).”<sup>4</sup> The CPUC’s FEIR reviewed the work associated with the SCE Natural Substation Project pursuant to CEQA and found that the SCE Natural Substation Project caused no significant and unavoidable environmental impacts.

**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 July 21, 2014, 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, 4<sup>th</sup> 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:

**For City of Santa Clarita and City of San Fernando:**

Anna Frutos-Sanchez  
SCE Local Public Affairs Region Manager  
SCE Valencia Service Center  
25625 W. Rye Canyon Road  
Valencia, CA 91355  
Phone: (661) 257-8239

**For Unincorporated Los Angeles County:**

David A. Ford  
SCE Local Public Affairs Region Manager  
SCE Montebello Service Center  
1000 E. Potrero Grande Drive  
Monterey Park, CA 91754  
Phone: (323) 720-5290

**For City of Los Angeles:**

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SCE Local Public Affairs Region Manager  
SCE Montebello Service Center  
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<sup>4</sup> Aliso Canyon Turbine Replacement Final Environmental Impact Report, Appendix A - Revisions to the Draft EIR, page 2-1.