

NOTICE OF PROPOSED CONSTRUCTION
Saugus System 66 kV Split Project
SCE Advice Letter Number: 3026-E
Date: April 18, 2014

Proposed Project:

SCE proposes to construct the Saugus System 66 kV Split Project (SSS 66 kV Project). The SSS 66 kV Project is needed to accommodate load growth, mitigate reliability and operational issues, and comply with SCE's Transmission Planning Criteria. The SSS 66 kV Project is located within the area served by the existing Saugus 66 kV system. The SSS 66 kV Project will split the existing Saugus 66 kV system into two separate systems, and includes installation of a new 220/66 kV 280 MVA transformer inside the existing Saugus Substation, rearrangement of existing line positions and equipment inside various existing substations, and construction of approximately 4.7 miles of 66 kV subtransmission line to form the new Saugus-Haskell-Lockheed circuit. **The SSS 66 kV Project includes the following elements:**

Subtransmission:

- Install approximately 4.7 miles of new underground cable to construct the new Saugus-Haskell-Lockheed 66 kV Subtransmission Line. SCE will utilize an existing idle 66 kV subtransmission line segment and tap into the existing Saugus-Lockheed 66 kV subtransmission line, creating the new Saugus-Haskell-Lockheed 66 kV subtransmission line. The new underground segment would be constructed between Kelly Johnson Parkway (north of Pardee Substation) and Haskell Substation. SCE will interconnect one (1) engineered approximately 110 foot tubular steel pole (TSP) riser at Kelly Johnson Parkway, from which the underground 66kV segment would be constructed along Kelly Johnson Parkway, Copperhill Drive, Decoro Drive, Seco Canyon Road and Bouquet Canyon Road.
- SCE is still discussing a portion of the underground 66 kV segment that would cross under a section of the Los Angeles Department of Water and Power (DWP) Aqueduct pipeline where it crosses Bouquet Canyon Road east of Seco Canyon road. Should SCE not be able to locate the new 66 kV segment underground at this location, SCE would install two approximately 80 foot TSP riser poles to cross overhead at this pipeline location.

Substation:

- Install approximately 100 feet of 220 kV conductor from existing transmission structures to the new transformer bank, replace the cross-arms of the associated transmission structures, install a new 220-66 kV, install a new Mechanical Electrical Equipment Room (MEER), 280 MVA transformer bank, a 66 kV ground bank, and a 220 kV disconnect switch within Saugus Substation.
- Install 3 new approximately 110 foot tubular steel subtransmission poles (TSPs), 3 vaults, approximately 2000 feet of underground structures and conduit for underground 66 kV getaways for the Saugus-Fillmore No.1 66 kV Subtransmission Line and the Saugus-Fillmore No.2 Subtransmission Line out of the Saugus Substation. Remove the existing overhead getaways connected to the 66 kV bus and transfer the existing overhead getaway for the Saugus-Newhall No.3 Subtransmission Line to an underground 66 kV getaway.
- Convert the existing Saugus-North Oaks-Tengen 66 kV subtransmission line overhead getaway to underground. For all overhead getaways, 954 SAC conductor would be used and 3000 kcmil CU cable would be used for all 66 kV underground getaways within Saugus Substation.
- Install a new engineered 220 kV Tubular Steel Pole (TSP) ranging from 110' to 120' in height inside the Pardee substation. Install approximately 900 feet of new 220 kV conductors from inside the substation to tower M39-T3B located just outside the substation fence and inside SCE's existing right-of-way. Install protective relay additions and updates within Pardee substation.
- Transition the 66 kV subtransmission getaway lines to underground and add a new 66 kV subtransmission line position within the Haskell Substation.
- Update and add protective relays and install a new battery room at the Lockheed Substation.
- Install a new Remote Terminal Unit and a new Programmable Logic Controller within the Solemint Substation.
- Current transformer ratio change will take place at the Elizabeth Lake Substation.

Construction of the proposed project is scheduled to begin June 16, 2014, and is expected to be completed December 31, 2017.

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: Use pole heights that meet or exceed "preferred" 66 kV design criteria as specified in SCE's EMF Design Guidelines.

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 which a final Negative Declaration or EIR finds no significant unavoidable 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 May 8, 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, 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:

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

