

<<OWNER NAME>>  
<<MAILING ADDRESS>>  
<<MAILING CITY>>, <<State>> <<Zip>>

## For More Information

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on.sce.com/mesa

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[www.facebook.com/sce](http://www.facebook.com/sce)  
and our Twitter feed is @SCE

### About Southern California Edison

An Edison International (NYSE:EIX) company, Southern California Edison is one of the nation's largest electric utilities, serving a population of nearly 15 million via 5 million customer accounts in a 50,000-square-mile service area within Central, Coastal and Southern California.

To learn more about how SCE is investing in and transforming the electric grid, visit [www.insideedison.com](http://www.insideedison.com).



## Mesa Substation Project

### Strengthening the Region's Power Grid

Project Update: May 2017



# Project Overview

Nearly 15 million Californians count on Southern California Edison (SCE) for electricity 24 hours a day, seven days a week, and we're committed to delivering it reliably and safely. SCE is building the Mesa Substation Project to ensure that the electric grid will continue to serve the needs of its customers in the region. Upgrading the existing Mesa Substation and connecting existing transmission lines to the substation will address future reliability concerns related to California's mandate to retire older coastal power plants by December 31, 2020 and the previous retirement of the San Onofre Nuclear Generating Station (SONGS), without requiring new transmission lines or substations.

# Project Review and Approval Process

SCE filed a project application in March 2015 with the California Public Utilities Commission (CPUC), which is the state regulatory agency that issues permits for the construction of certain electric facilities. The CPUC reviewed the application in accordance with the California Environmental Quality Act (CEQA), which also included opportunities for public input. The CPUC approved the project in February 2017. For more information on the CPUC's review and documents for the Mesa Substation Project, please visit the CPUC's website at [www.cpuc.ca.gov](http://www.cpuc.ca.gov).

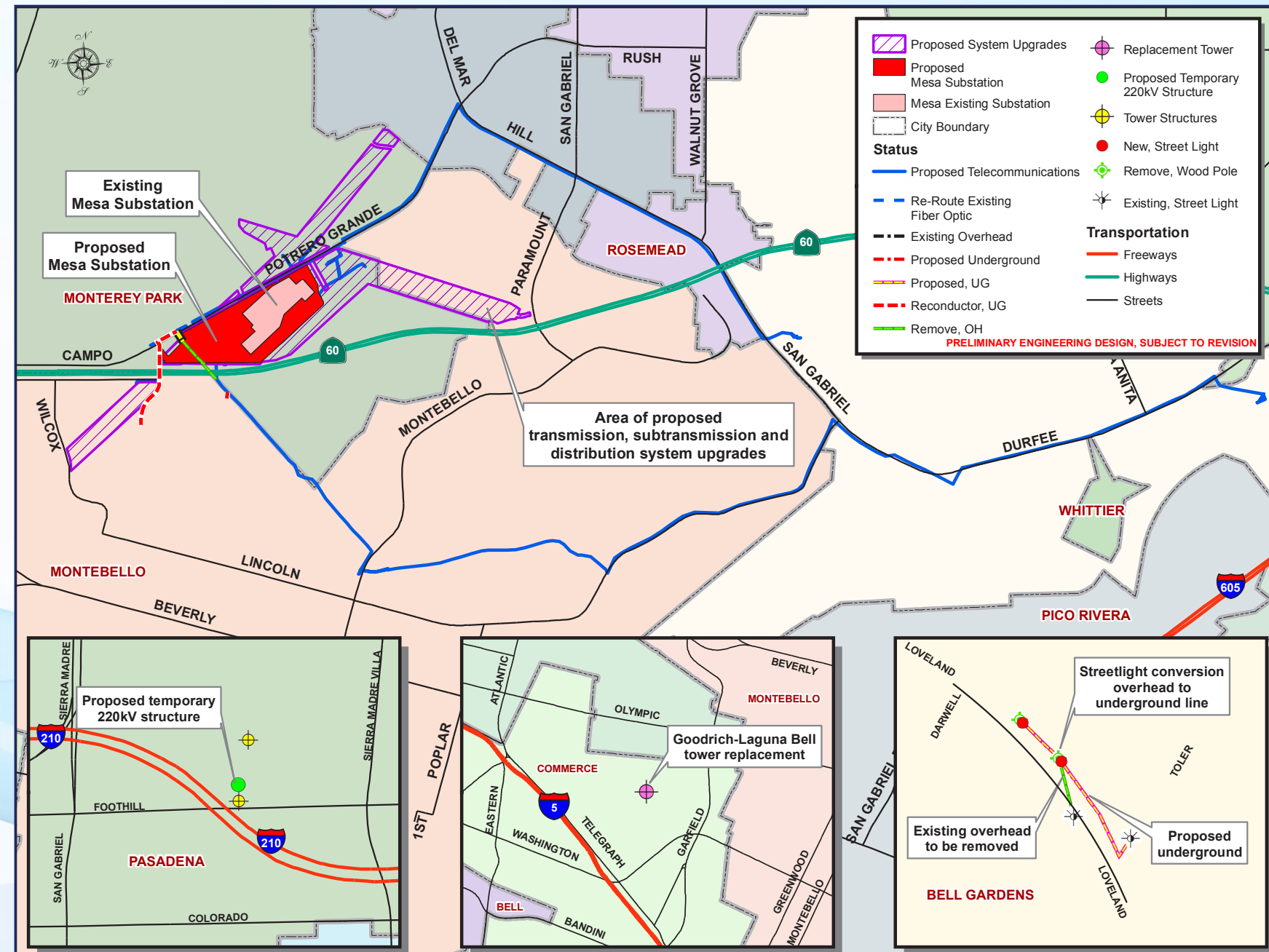
# Anticipated Construction Schedule

- **Summer 2017:** SCE anticipates a Notice to Proceed from the CPUC, which is required to begin construction-related activities
- **September 2017:** SCE anticipates start of major construction
- **June 2021:** Targeted Operating Date.

# Project Description

The Mesa Substation Project will primarily consist of the following elements:

- **Mesa Substation** – the existing Mesa 220 kilovolt (kV) substation in Monterey Park will be upgraded to a 500 kV substation. The existing substation sits on 22 acres of an 84-acre parcel owned by SCE and the proposed project will use about 70 acres. The parcel is bounded by Potrero Grande Drive on the north, Greenwood Avenue on the east, Markland Avenue on the west, and U.S. Highway 60 on the south.
- **Within and adjacent to the Mesa Substation:**
  - 500 kV transmission – replacing three with two overhead structures
  - 220 kV transmission – replacing approximately ten overhead structures
  - 66 kV subtransmission – removing approximately 65 existing overhead structures and installing approximately 25 new overhead structures, 26,600 linear feet of underground duct and 15 underground vaults
  - 16 kV distribution – constructing new underground ducts to connect with existing underground facilities and installing new station light and power supplies
  - Water line – relocating an existing Metropolitan Water District water line that runs through the middle of the proposed Mesa Substation further west on the site and increasing the 72-inch diameter line to 84 inches in diameter
- **Work required in other locations:**
  - Temporary electric supply – potentially installing one tubular steel pole and replacing two spans of wire at the Goodrich Substation (I-210 freeway and E. Foothill Blvd. in Pasadena) to temporarily provide a second line of 220 kV service to the City of Pasadena during a required outage on an existing line serving the City
  - 220 kV upgrades at existing substations – replacing or upgrading various 220 kV equipment in the Laguna Bell Substation in the City of Commerce and in the Lighthipe Substation in the City of Long Beach and inside existing equipment buildings at 11 other satellite substations
  - 66 kV upgrades at existing substations – upgrading various 66kV equipment inside existing equipment buildings at 18 satellite substations



- Tower replacement – replacing an existing tower with a taller lattice steel tower within the SCE right-of-way north of Corvette St. between Tubeway Ave. and Saybrook Ave. in the City of Commerce
- Underground conversion – converting an existing overhead streetlight line to underground along Loveland St. between Darwell Ave. and Toler Ave. in the City of Bell Gardens
- **Telecommunications:**
  - ~ Rerouting an existing fiber optic line to clear the Mesa Substation construction area, predominantly on existing poles or in existing underground ducts
  - ~ Installing two new telecommunications lines into Mesa Substation, predominantly on existing poles or in existing underground ducts
  - ~ Rerouting existing telecommunications inside the perimeter fence lines of Vincent (Palmdale), Pardee (Santa Clarita), and Walnut (La Puente) substations

# Minimizing Construction Impacts

SCE is committed to working with local communities and informing residents and businesses in the project area to minimize the impacts of the project from construction. No customer outages are expected related to this project. If an outage is unavoidable, SCE will make every effort to minimize the impact. SCE appreciates your patience as we move to complete construction as quickly and safely as possible.