



### Did you know?

SDG&E is a regulated public utility that provides energy service to **3.7 million people** through **1.5 million electric meters** and **900,000 natural gas meters** in San Diego and southern Orange counties. Our service area spans **4,100 square miles**.



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## Otay Mesa Transmission Line Project (TL 649)



### Overview

Our commitment to providing clean, safe and reliable energy means making improvements to our system, including fire hardening electrical equipment to make the system more resilient in the communities we serve. The Otay Mesa Transmission Line (TL) 649 fire-hardening project will enhance the reliability of electrical power in the Tier 2 High-Fire Threat District (HFTD) area. As part of this project, SDG&E® will also remove the Otay Lakes Substation, which was constructed in 1957, from service. The fire-hardening project will replace approximately 18 existing wood pole with new steel pole structures. The project will also string approximately 2 miles of new transmission and distribution conductor.

As part of our Community Fire Safety Program, this project includes dependability and protection measures that help improve the resiliency of our electrical system during extreme weather conditions. Electrical service in this area will continue without interruption from another location that has modern equipment, improved safety and reliable transmission and distribution for the area.

### Project benefits

- Decommission Otay Lakes Substation and removal of all infrastructure
- 18 wooden pole structures will be replaced with new steel pole structures
- Approximately 2 miles of new transmission and distribution conductor will be installed
- Improved safety and reliability of electric system during extreme weather conditions

### About the project

The Otay Lakes substation is located approximately four miles northeast of the Otay Mesa Port of Entry at the United States and Mexico border. The substation was built in 1957 and is being decommissioned due to TL 649 being removed from service for fire hardening.

The power lines from this substation have been replaced by newer and more modern equipment. The substation property is in a remote area in San Diego County with dirt access roads near the Richard J. Donovan Correctional Facility and public agency lands.

The project includes the removal of all distribution and transmission equipment leading into the Otay Lakes Substation. The plan includes the removal of all above grade and below grade equipment at the substation property which is approximately one-half acre in size. SDG&E crews will perform an environmental site restoration plan.

The proposal also includes replacing approximately 18 existing wood poles with new steel pole structures. New electrical lines will replace approximately two miles along various segments of TL 649 in the Tier 2 (HFTD). These types of improvements and technology enhancements continue to play a major role in limiting the potential risk of utility-related wildfires and mitigating the impacts experienced during a Public Safety Power Shutoff (PSPS).

### Project schedule

**Construction:** Q3 2024 through Q4 2024

**In-Service Date:** Q4 2024

### What to expect

SDG&E crews and contractors will decommission the Otay Lakes Substation and remove power poles from the electrical tie line segment. Current wooden poles will be relocated and replaced with safer metal poles that have improved technology. We will work as safely and quickly as possible to make every effort to minimize disruptions such as construction traffic, dust and noise along the nearby perimeter streets. Although not anticipated, our work may require us to shut-off the power for safety reasons. If so, we'll contact you in advance to help make sure you're prepared for a planned outage.

### For more information

Visit our website at [sdge.com/Major-Projects](https://sdge.com/Major-Projects). If you have questions or concerns, please contact SDG&E at **1-844-765-6388**.

