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## Rancho Peñasquitos to San Marcos Alignment TL 13811 Wood-to-Steel Project



*The new steel poles replacing existing wood poles are an essential component to help strengthen our electric infrastructure within the High Fire-Threat Districts (HFTD).*

We're leading the transition to a resilient, clean energy future. As energy demand and extreme weather threats increase, strengthening the energy grid is more important than ever for our communities in North County.

### Overview

The Transmission Line (TL) 13811 project will replace 138kV structures and conductors along approximately 10 miles from Rancho Peñasquitos north through Del Sur, Rancho Santa Fe, Elfin Forest and ending south of Lake San Marcos. All work will take place within SDG&E right-of-way easements at approximately 75 locations within the High Fire Threat District (HFTD) Zone 2.

SDG&E's Electric System Hardening program is an essential component of our Wildfire Mitigation Plan (WMP) to help strengthen our electric infrastructure in areas most prone to wildfires. This project will replace all existing transmission and distribution wood poles on the TL 13811 alignment with fire-resistant steel poles. Also, this upgrade will increase inspections of our electric system and provide more tree-trimming services.

## Customer benefits

- Increased safety of the electric transmission system
- Greater system reliability for customers in the North County area
- Replace wood structures with new steel fire-resistant pole structures
- Reduction of potential unplanned power outages

## About the project

The scope involves replacing 138kV transmission and distribution structures including all wood facilities in the HFTD Zone 2 to enhance fire resilience and system reliability. The replacement of under-built distribution facilities will be updated to meet current standards and improve system performance. Additional equipment advances include replacing existing arms, conductors, anchors, switches, fuses and transformers. Plus, approximately 10 miles of new high temperature, low sag conductor will be installed for system integrity and safety. Optical Ground Wire (OPGW) with fiber for telecommunication purposes will be added to all the new structures, providing lightning protection and increased system reliability.

## Estimated project schedule

Construction: Q1 2026 through mid-2027

In-Service Date: Q3 2027

## What to expect

Throughout the project, we'll work as safely and quickly as possible and make every effort to minimize disruptions such as construction traffic, lane/road closures, dust and noise along the impacted streets. Although not anticipated, our work may require us to shut off the power for safety purposes. If so, we will contact you in advance to help make sure you are prepared for a planned outage.

Concurrent construction activities may occur, potentially affecting traffic and increasing noise levels. In certain areas, helicopters will be used to transport hardware and equipment to designated work sites. We'll monitor the work hours, traffic control measures, and noise restrictions as outlined by local authorities.

## Contact information

For more information, visit [sdge.com/Major-Projects](https://www.sdge.com/Major-Projects)

or call the Project Information Line at **(844) 765-6388**.

