

# Wood-to-steel power pole project for Tie Line 649



around  
**45%**

That's how much renewable energy customers receive as part of SDG&E's standard power mix.

*Our commitment is to provide you with safe and reliable energy. To do this, we make improvements to our system, including swapping out existing wood poles with new steel poles. This activity is part of our overall effort to help improve the reliability and integrity of our electric system.*

Our Community Fire Safety Program includes a number of reliability and safety measures during extreme weather conditions in high fire-risk areas. Wood-to-steel pole replacements are part of this effort. Other steps we're taking to improve reliability include increased inspections of our electric system and additional tree trimming.

## What are the benefits?

- Enhanced safety and reliability of the transmission system;
- Improved electric system safety and performance during extreme weather conditions; and
- Reduced cost and environmental impacts for future maintenance activities.

## About the project

This project of approximately seven miles involves replacing 117 existing wood poles with fire-resistant new steel poles along a five-mile section from Black Coral Way and Sea Lavender Way, then south roughly two miles to just north of Otay Mesa Road.



**Steel poles, like the one pictured here, will replace wooden poles in an area of Otay Mesa starting sometime after February 2019.**

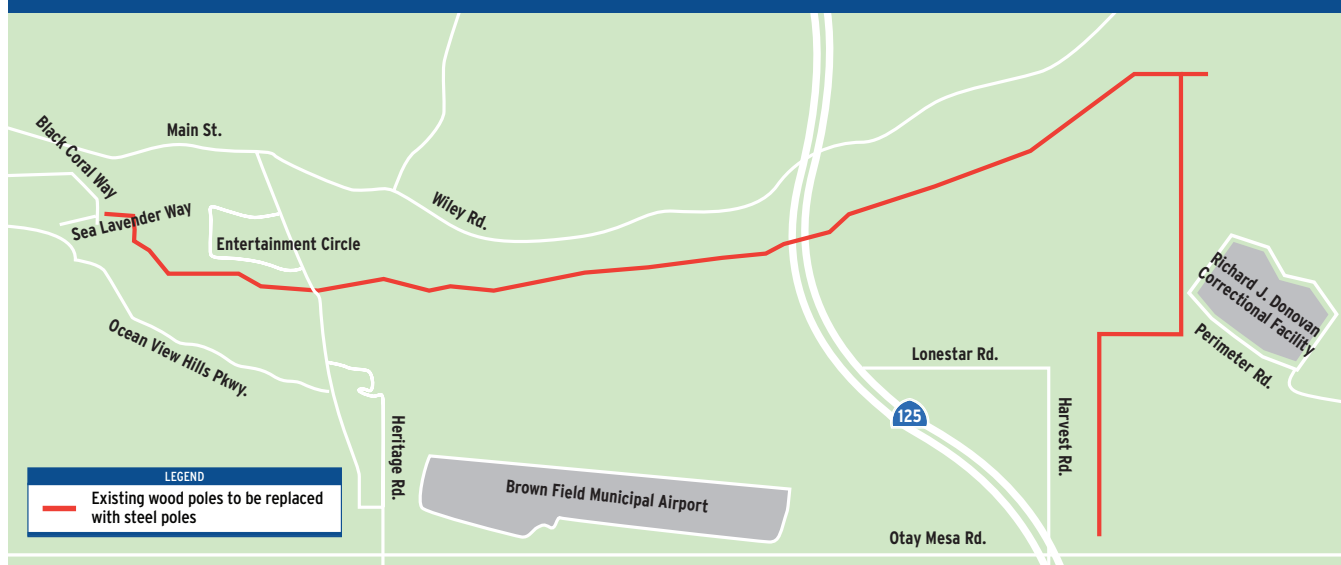
The new steel poles will be a galvanized material with a dull finish to reduce the potential for glare. Existing wood poles range in height from approximately 35 feet to 75 feet and are typically 20 inches in diameter. The replacement poles typically range in height from about 35 feet to 90 feet, with a diameter between 30 inches to 60 inches. The poles will be placed generally within 10 feet of the existing location. The existing wood poles will be removed once the new steel poles and equipment are in place.

## Project schedule

**Start date:** First quarter 2019

**End date:** Fourth quarter 2019

## PROJECT MAP



*This map for illustration purposes only. Not to scale.*

### What to expect

The timeline is subject to change depending on project approval. It will take several months to install the new poles and complete the overhead conductor wire work as well as remove the existing poles. We'll make every effort to minimize disruptions such as construction traffic, dust, and noise. Our work may require us to turn off power for safety purposes. If so, we'll contact you in advance to help make sure you're prepared for a planned outage.

### Contact information

For more information, please call us at **1-844-765-6388**.

You may also contact SDG&E's Major Projects Public Affairs Manager, Todd Voorhees at [tvoorhees@semprautilities.com](mailto:tvoorhees@semprautilities.com).