

Operational and Switching Protocol

Weather Station (near Ardenwood Rd)

Automated Switch

Planned Covered Conductor (all overhead below dashed oval)

LEGEND

- Substation
- Overhead
- Underground

The map displays the Santa Susana area, including Rancho Santa Susana Community Park, Corriganville Park, and Lakeside Park. It shows a network of power lines, with a substation located near the bottom left. A dashed oval highlights a specific area of interest, and a red arrow points to a weather station near Ardenwood Rd. The map also includes a legend for power line types: Substation (blue circle), Overhead (orange line), and Underground (green line). The map is powered by Esri.

- Replace 10.2 miles of existing overhead wire with new covered conductor
- Install 2 automated switches
- Install an additional weather station
- Implement operational and switching protocols to transfer load to a less affected circuit

- **88% reduction** in customer outage time, assuming the same weather conditions in 2020