



Enhanced Powerline Safety Settings (EPSS) Progress Report

SANTA CLARA COUNTY

The following is an update on the actions we are taking in Santa Clara County to improve the reliability of your power during wildfire season. Earlier this year, we adjusted safety settings on electric equipment in your community to help prevent wildfires. While these adjustments made the electric system safer, they also resulted in more frequent outages. That is why we took immediate action to improve, without compromising safety.

Improvements in Santa Clara County

Made to Date

- **Fine-tuned sensitivity** on **51** devices to reduce the likelihood of an outage
- **Improved device coordination** to make outages smaller
- **Improved circuit patrol coordination** to restore power faster

Currently Underway

- **Installing additional animal protection devices** on our equipment
- **Targeted vegetation clearing** to prevent branch and tree fall-ins
- **Targeted equipment inspections and hardening**

Hazards Identified in Santa Clara County

Patrols identified **1** instance of equipment failure in Santa Clara County this past month, which could have resulted in fire ignition without the enhanced settings in place.



An example of vegetation damage in Santa Clara County

Santa Clara Circuit Level Improvements

We have optimized all circuits in Santa Clara County. This will reduce the frequency, size and duration of outages, while maintaining wildfire protection.

As a result of optimization:



Average Decrease in Outage Duration



CIRCUIT: Morgan Hill 2105

■ Before optimization ■ After optimization

Santa Clara County Weather Outlook



The recent rainfall has increased the moisture content in vegetation and decreased the risk of wildfire. As a result, we have restored circuits back to their normal, pre-EPSS settings. This will result in fewer power outages. We will continue to monitor wildfire risk, weather and fuel conditions to determine if EPSS settings need to be turned back on in Santa Clara County.

Recent EPSS Outages in Santa Clara County (10/20 to 11/10)

OUTAGE DATE	NUMBER OF CUSTOMERS	AVERAGE DURATION	CAUSE*
10/28	95	<1 HR	Undetermined
10/20	1,100	4.0 HRS	Equipment Failure
10/20	124	9.0 HRS	Undetermined
10/20	179	2.7 HRS	Undetermined

*Undetermined causes could be the result of hazards, such as a tree branch or animal, that were no longer present during patrols



PG&E crews in the field

Santa Clara County Outage Trends (Data from 10/20 to 11/10)



decrease in average outage duration



of circuits optimized to minimize the size and length of outages

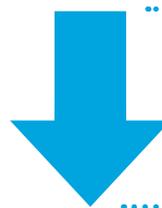


10

local submissions to the **PG&E Report It mobile app**

(100% responded to)

SYSTEMWIDE WILDFIRE PREVENTION*



~50% decrease in ignitions vs. the past three-year average



~80% decrease in ignitions on EPSS circuits vs. the past three-year average

*Percentages as of 10/20

Contact Us

We are committed to keeping you informed. If you have any questions or feedback for our team, you can call us at **1-866-743-6589** or email us at **wildfiresafety@pge.com**. Our goal is to respond within 48 hours.