



## Enhanced Powerline Safety Settings (EPSS) Progress Report

### CALAVERAS COUNTY

The following is an update on the actions we took in Calaveras 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 Calaveras County

#### Made to Date

- **Fine-tuned sensitivity** on **38** 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 Calaveras County

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



Example of a vegetation hazard that resulted in an EPSS outage last month

### Calaveras Circuit Level Improvements

We have optimized all circuits in Calaveras 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: West Point 1102

■ Before optimization   ■ After optimization

# Calaveras 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 Calaveras County.

## Recent EPSS Outages in Calaveras County

(10/19 to 11/9)

OUTAGE DATE	NUMBER OF CUSTOMERS	AVERAGE DURATION	CAUSE*
10/30	447	<1 HR	Undetermined
10/28	2,998	5.7 HRS	Equipment Failure

\*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

## Calaveras County Outage Trends

(Data from 10/19 to 11/9)



**100%**

of circuits optimized to minimize the size and length of outages



**↓ 17%**

decrease in average outage duration vs. the previous month



**↓ 67%**

decrease in average number of outages vs. the previous month



**4**

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 on EPSS circuits vs. the past three-year average

## 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.