



## Enhanced Powerline Safety Settings (EPSS) Progress Report

### LAKE COUNTY

The following is an update on the actions we have taken in Lake 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 Lake County

#### Made to Date

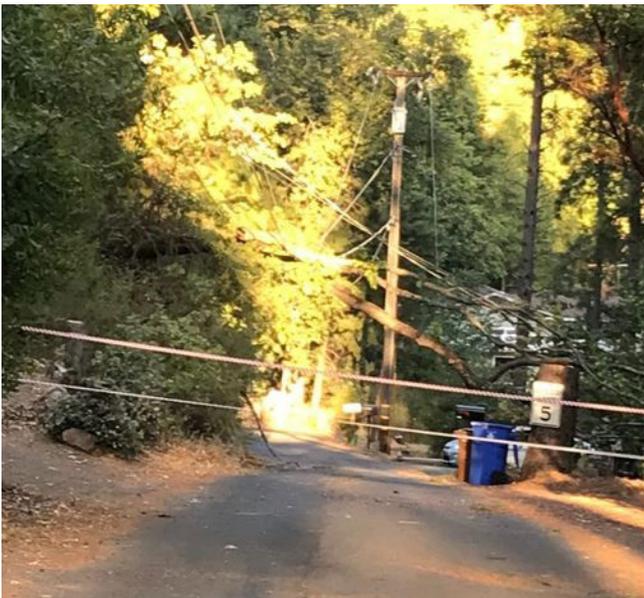
- **Fine-tuned sensitivity** on **39** devices to reduce the likelihood of an outage
- **Improved device coordination** to make outages smaller
- **Improved circuit patrol coordination** to restore power faster

#### 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 Lake County

Patrols identified **2** instances of equipment failure and damage/hazards in Lake County this past month, which could have resulted in fire ignition without the enhanced settings in place.



Vegetation hazard in Lake County, October 2021

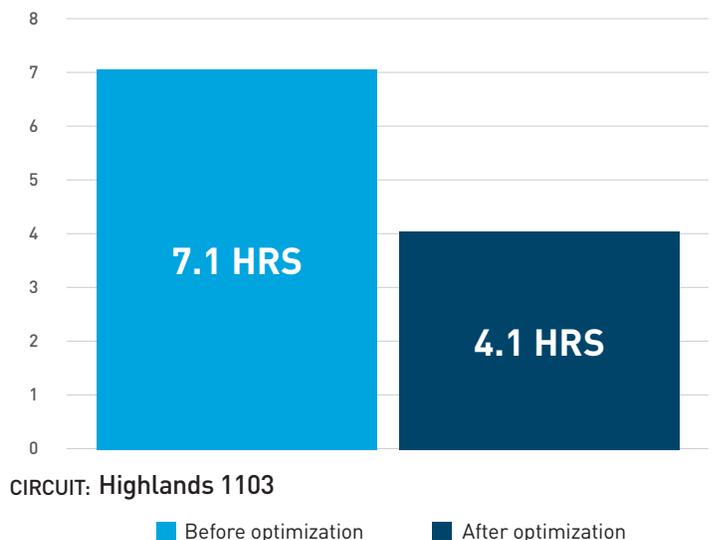
### Lake Circuit Level Improvements

We have optimized all circuits in Lake 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



# Lake County Weather Outlook



The recent rainfall has increased the moisture content in vegetation and decreased the risk of wildfire. As a result, we have been restoring circuits back to their normal, pre-EPSS settings. This will result in fewer power outages. We will continue to monitor weather and fuel conditions to determine the proper settings. When high wildfire risk returns, the circuits may be adjusted to be more sensitive again.

## Recent EPSS Outages in Lake County

(10/7 to 10/27)

OUTAGE DATE	NUMBER OF CUSTOMERS	AVERAGE DURATION	CAUSE*
10/13	1313	4.1 HRS	Undetermined
10/8	523	10.2 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

## Lake County Outage Trends

(Data from 10/7 to 10/27)



**100%**

of circuits optimized to minimize the size and length of outages



**↓5.6%**

decrease in average outage duration



**↓8.9%**

decrease in average number of customers impacted per outage

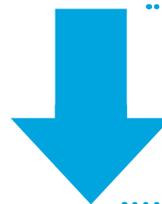


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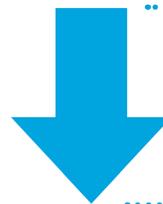
local submission to the PG&E Report It mobile app

**(100% responded to)**

## SYSTEMWIDE WILDFIRE PREVENTION



**~46%** 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.