



## Enhanced Powerline Safety Settings (EPSS) Progress Report

### SANTA BARBARA COUNTY

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

#### Made to Date

- **Fine-tuned sensitivity** on **18** 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 Barbara County

There were **3** EPSS outages in Santa Barbara County this past month, which could have resulted in fire ignition without the enhanced settings in place.



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

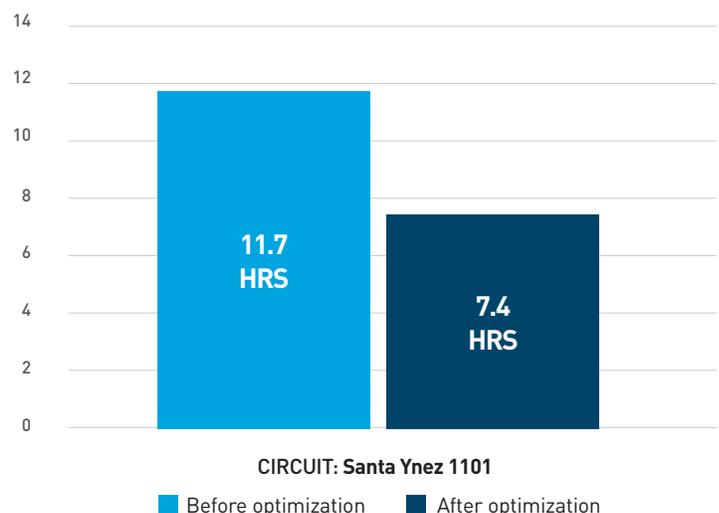
### Santa Barbara Circuit Level Improvements

We have optimized all circuits in Santa Barbara 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



# Santa Barbara 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 wildfire risk, weather and fuel conditions to determine the proper EPSS settings in Santa Barbara County.

## Recent EPSS Outages in Santa Barbara County (10/12-11/2)

OUTAGE DATE	NUMBER OF CUSTOMERS	AVERAGE DURATION	CAUSE*
10/20	141	12.9 HRS	Undetermined
10/14	37	2.9 HRS	Undetermined
10/13	129	4.7 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 Barbara Outage Trends

(Data from 10/12 to 11/2)



**100%**

of circuits optimized to minimize the size and length of outages



**↓70%**

decrease in total number of outages vs. the previous month



**↓64%**

decrease in average number of customers impacted vs. the previous month

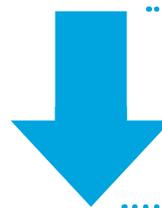


**2**

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.