

Community Wildfire Safety Program

Napa County Board of Supervisors

July 26, 2022





Enhanced Powerline Safety Settings (EPSS) A Technology To Prevent Wildfires

How It Works

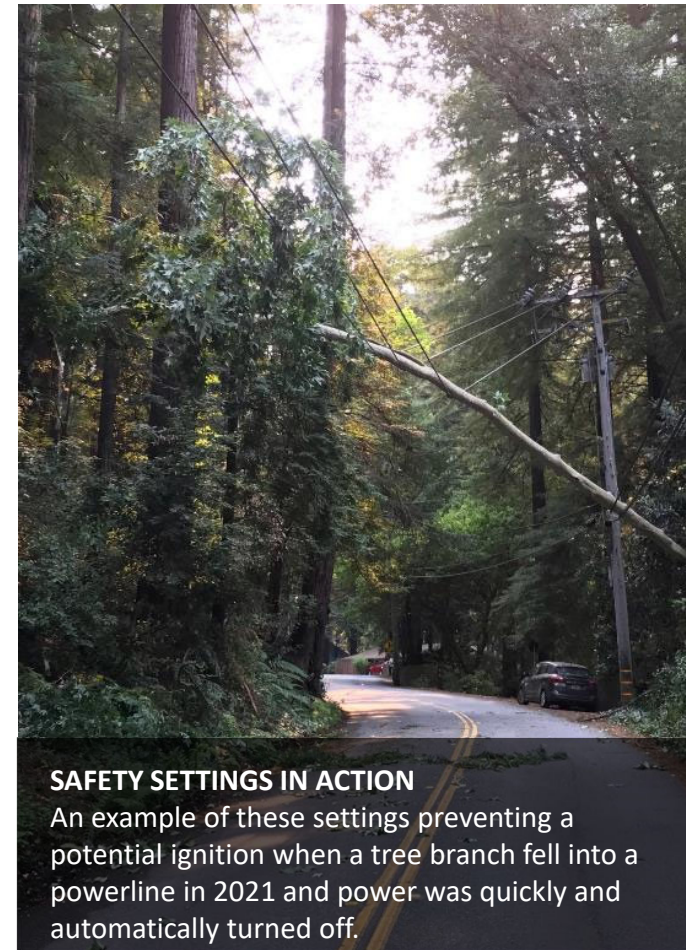
PG&E powerlines have equipment that allows power to automatically turn off within one-tenth of a second if there is a wildfire risk, like a tree branch or other object striking the line.

Why We Do It

Quickly shutting off power when a hazard is detected can help stop wildfires before they have a chance to start.

Preventing Wildfires

~80% decrease in CPUC-reportable ignitions
in 2021 on EPSS-enabled circuits
compared to the prior 3-year average as of 12/31/21





Outages in Napa County: April – July 2022

Outages may occur for a number of reasons. In all cases, PG&E will restore power when it is safe to do so.

DATE	APPROXIMATE DURATION	CAUSE
4/10/22	1 Hour	Unknown
4/10/22	13 Hours	Tree
5/19/22	13 Hours	Tree
5/19/22	12 Hours	Vehicle
5/20/22	8 Hours	Equipment Failure
5/22/22	16 Hours	Unknown
5/23/22	6 Hours	Equipment Failure
5/25/22	1 Hour	Circuit Breaker
5/25/22	6 Hours	Circuit Breaker
5/25/22	3 Hours	Unknown
6/1/22	8 Hours	Tree
6/1/22	6 Hours	Circuit Breaker
6/5/22	3 Hours	Other
6/7/22	2 Hours	Animal

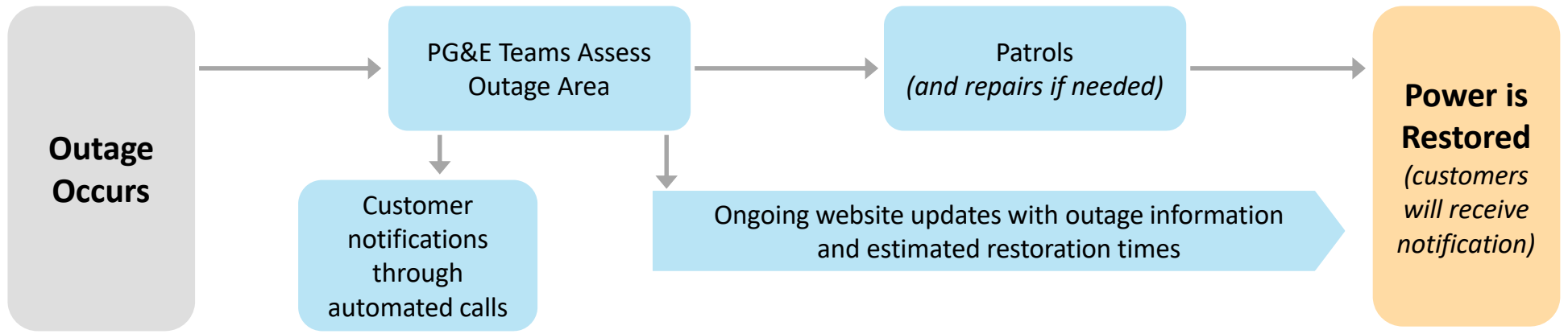
DATE	APPROXIMATE DURATION	CAUSE
6/8/22	1 Hour	Equipment Failure
6/10/22	5 Hours	Equipment Failure
6/14/22	23 Hours	Unknown
6/16/22	4 Hours	Unknown
6/16/22	4 Hours	Unknown
6/18/22	7 Hours	Unknown
6/20/22	3 Hours	Animal
6/21/22	4 Hours	Operating Error
6/22/22	3 Hours	Unknown
6/23/22	1 Hour	Tree
6/27/22	13 Hours	Equipment Failure
7/5/22	3 Hours	Animal
7/7/22	20 Hours	Equipment Failure

Times are approximate

Some of the measures included in this presentation are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.

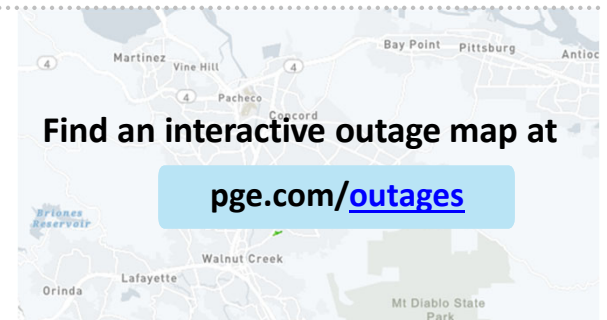


What Can Customers Expect After an Outage on an EPSS Circuit?



Improvements have been made for outage communications, including:

- Notifications generally take between 10 to 25 minutes
- Outages are posted to the website within 15 to 25 minutes
- Customers can choose to receive calls (default), texts and/or emails
- Notifications and the website note that outages are on EPSS-enabled lines



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Timeline of EPSS Customer Engagement in 2022

APRIL 2022

MAY 2022

JUNE 2022

ONGOING: Social media posts to Facebook, Nextdoor, Instagram and Twitter

ONGOING: Wildfire Safety Webinars and Safety Town Halls

4/1	New EPSS Fact Sheet on EPSS website	5/11	<ul style="list-style-type: none"> ▪ News Release on EPSS resources ▪ Outage Preparedness Guides and Educational 	6/6	211 and CFILC Resources emailed to AFN customers in tier 2/3 High Fire-Threat Districts
4/5	News Release on EPSS expansion	5/17	Overview Video on YouTube	6/8, 6/15	Outage Preparedness Guides mailed
4/6, 4/19	Outage Preparedness Email to EPSS customers	5/25	News Release on completion of EPSS installation in high fire-risk areas	6/10	Partner Outage Preparedness Email with resource links and materials for community partners
4/12	County-specific EPSS Maps on EPSS website			6/12	Customer Outage Preparedness Email with resource links and Preparedness Guides
4/19	Outage Preparedness Letter mailed to EPSS customers			6/16	News Release on EPSS enablement in high fire-risk areas
4/20	All-Customer Safety Town Hall			6/22	EPSS Postcard mailed to potentially impacted customers on EPSS circuits
4/27	Wildfire Safety Webinar for Napa County				

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Summary of EPSS Customer Engagement in 2022

Napa Customer Communications

- 10 Emails/Direct Mail Items
- Napa County-specific informational webinar 4/27
- Napa County-Specific EPSS Map on 4/4
- 4 News Releases

COUNTY MAPS

**Enhanced Powerline Safety Settings
Napa County Map**

To help prevent wildfires during an ongoing drought, PG&E is continuing to evolve our safety efforts to protect our customers and communities. This includes adjusting the sensitivity on some equipment to automatically turn off power within one-tenth of a second if the system detects a problem. We call this Enhanced Powerline Safety Settings (EPSS). This year, we are expanding these safety settings to all powerlines in high fire-risk areas (HFRAs) and some lines that are adjacent to HFRAs. For more information, please visit pge.com/epss.

The below map shows the approximate areas in your community powered by EPSS-capable circuits, which will be enabled during times of heightened wildfire risk.

LEGEND

- High Fire-Risk Area (HFRAs) with EPSS-Capable Powerlines
- HFRAs-Adjacent Areas with EPSS-Capable Powerlines

LAST YEAR, WE SAW AN 80% reduction in CPUC-reportable ignitions in CPUC-reportable powerlines with these safety settings enabled.*

*Reduction in CPUC-reportable ignitions in High Fire Threat Districts (HFTDs) compared to the prior 3-year average of 530/515.

Note: This map is for illustrative purposes only. Ignited circuits are subject to change due to weather and wildfire risk, among other concerns. Data is as of 3/25/2022.

FACT SHEET

Enhanced Powerline Safety Settings!

Keeping You Safe Every Day

To help prevent wildfires and protect our customers, PG&E is continuing to enhance our safety efforts. We are adjusting the sensitivity on some equipment to automatically detect and quickly - turn off power if the system detects a problem. We call this Enhanced Powerline Safety Settings (EPSS).

How It Works

If an object strikes a line, safety equipment detects the change in current and shuts off power within one-tenth of a second. We then check the lines for damage before safety restoring power.

Last year, we saw an 80% reduction* in CPUC-reportable ignitions on EPSS-enabled powerlines, compared to the prior 3-year average.

*High Fire Threat Districts as of December 31, 2021.

Additional Wildfire Safety Efforts

These adjusted settings are just one of the tools we use to prevent wildfires. We are also:

- Beginning to underground 10,000 miles of powerlines to improve the safety and reliability of your service.
- Exceeding state vegetation standards to prevent trees from falling into powerlines.
- Continuing to install stronger poles and powerlines to make the electric grid safer and more resilient.
- Reducing the impact of Public Safety Power Shutoffs (PSPS) with grid updates and weather forecasting improvements that allow us to surgically target shutoffs.

To learn more about our wildfire safety efforts, please visit pge.com/ewsp.

For questions, email wildfiresafety@pge.com or call 1-800-PGE-5000.

For translated support in more than 240 additional languages, contact PG&E at 1-844-743-4597.

OUTAGE PREPAREDNESS GUIDES

Support for You and Your Family

We know how difficult it can be to prepare before an outage. We have resources to help you get ready.

Before an outage, visit pge.com/wildfiresafety

- Explore backup power options
 - Generator rental
 - Portable battery backup power
 - Backup power
- Check website for outage updates
- Apply for the Medi-Cal savings and extra resources for calling 911

During a PSPS, visit pge.com/epss

- Locate Community supplies and charging stations
- Access meal delivery services
- Find accessible transportation

Information to Keep You and Your Community Safe

POCKET CARD

Enhanced Powerline Safety Settings (EPSS) help prevent wildfires by automatically turning off power if the system detects a problem. This reduces the risk of wildfires on powerlines, compared to the prior 3-year average.

We are working to safely restore your power as quickly as possible.

For questions, email wildfiresafety@pge.com or call 1-800-PGE-5002. To learn more, visit pge.com/epss.

*CPUC-reportable ignitions in High Fire Threat Districts (HFTDs) compared to the prior 3-year average of 530/515.

POSTCARD

To help prevent wildfires, the powerlines serving your home are now protected by Enhanced Powerline Safety Settings (EPSS). These settings can turn off power if an object, like a tree branch, strikes a line.

You may experience unexpected outages. We have resources to help you get ready. Visit pge.com/wildfiresafety for tips on how to prepare. Or:

- Update your contact information
- Prepare a safety plan
- Build or restock your backup power supply
- Stock backup supplies

While we are unable to prevent outages, we want to make sure you are prepared. Visit pge.com/wildfiresafety for more information.

If you have questions, visit pge.com/wildfiresafety.

A SAFER ELECTRIC SYSTEM FOR YOU

Visit pge.com/epss

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EPSS Customer Resources and Support

Before an Outage

Find Support for Backup Power

pge.com/backuppower

- Generator rebates for customers who rely on well water.
- Portable batteries for eligible Medical Baseline (MBL) customers.
- Backup power transfer meters for all customers on EPSS-capable circuits.

Create a Safety Plan

safetyactioncenter.com

- Tips on how to prepare for an outage and build an emergency kit.

Apply for the MBL Program or Self-identify as Vulnerable

pge.com/medicalbaseline

- MBL members receive energy savings.
- Vulnerable Customer status provides support if customer health or life would be at risk if gas or electric service disconnected.

Use the Address Lookup Tool

pge.com/addresslookup

- Enter an address to see if it is protected by EPSS.

During an Outage

Receive Outage Notifications

pge.com/outages

- Customers will be informed when the power will be back on through our website or their preferred contact method.
- If no contact preference is made, notifications are automatically sent by phone.

Contact 211

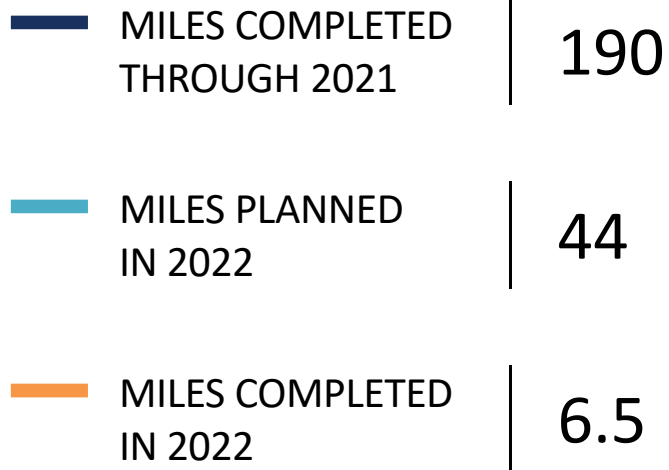
211.org

- 24/7 free and confidential support and access to local resources.
- Call 211, text "PSPS" to 211-211 or visit 211.org.

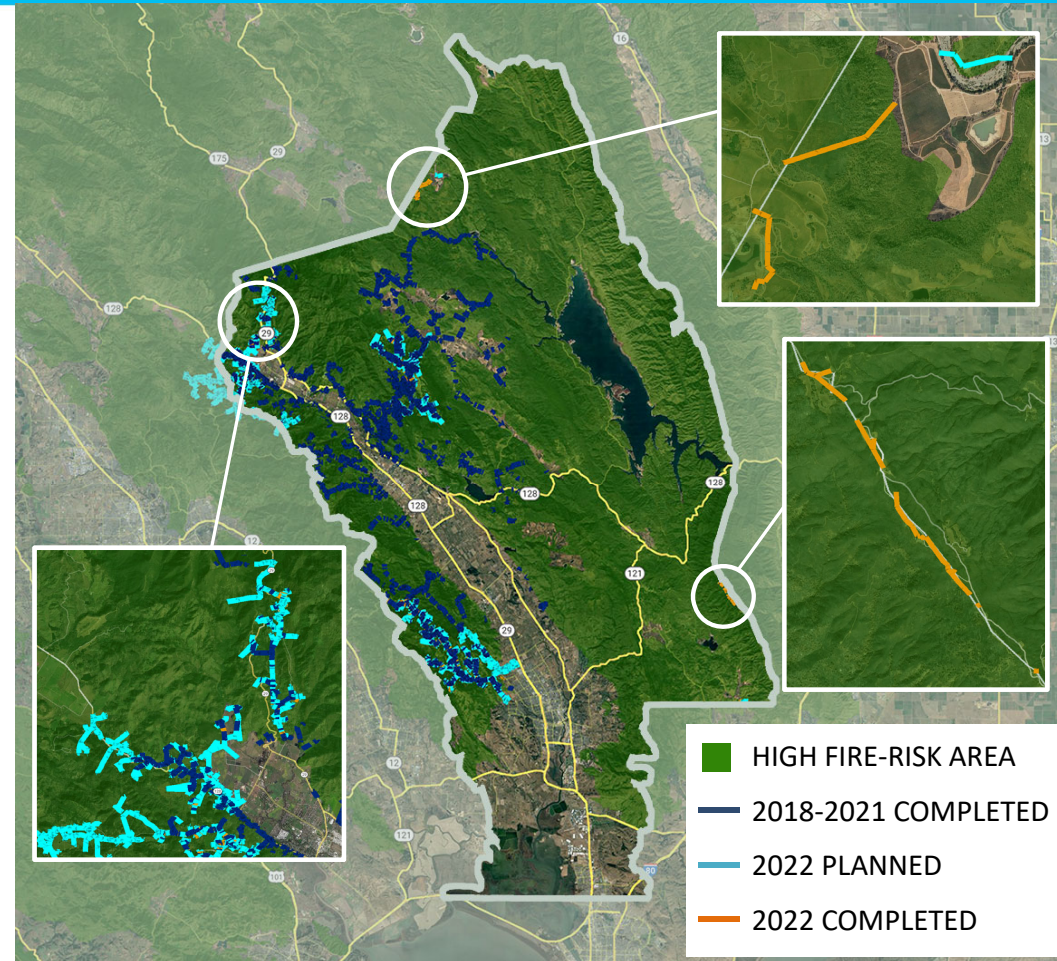


Enhanced Vegetation Management in Napa County

Addressing vegetation that poses a higher potential for wildfire risk in high fire-threat areas.



Customers can find more information about our vegetation management work by visiting: pge.com/evm



Data as of 7/15/2022. Local work plans are subject to change. Locations are approximate and may overlap.

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Thank You

