

Community Wildfire Safety Program

FIRE SEASON INFORMATION FORUM FOR NAPA COUNTY SCHOOLS

August 25, 2022



MITIGATE WILDFIRE RISK



MINIMIZE CUSTOMER IMPACT



MAXIMIZE SITUATIONAL AWARENESS





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

How It Works

PG&E powerlines have equipment that allows them to turn off power within one tenth of a second if a tree branch or other object strikes the line.

Why We Do It

Quickly and automatically shutting off power when there is a problem can help stop wildfires before they have a chance to start.

Preventing Wildfires

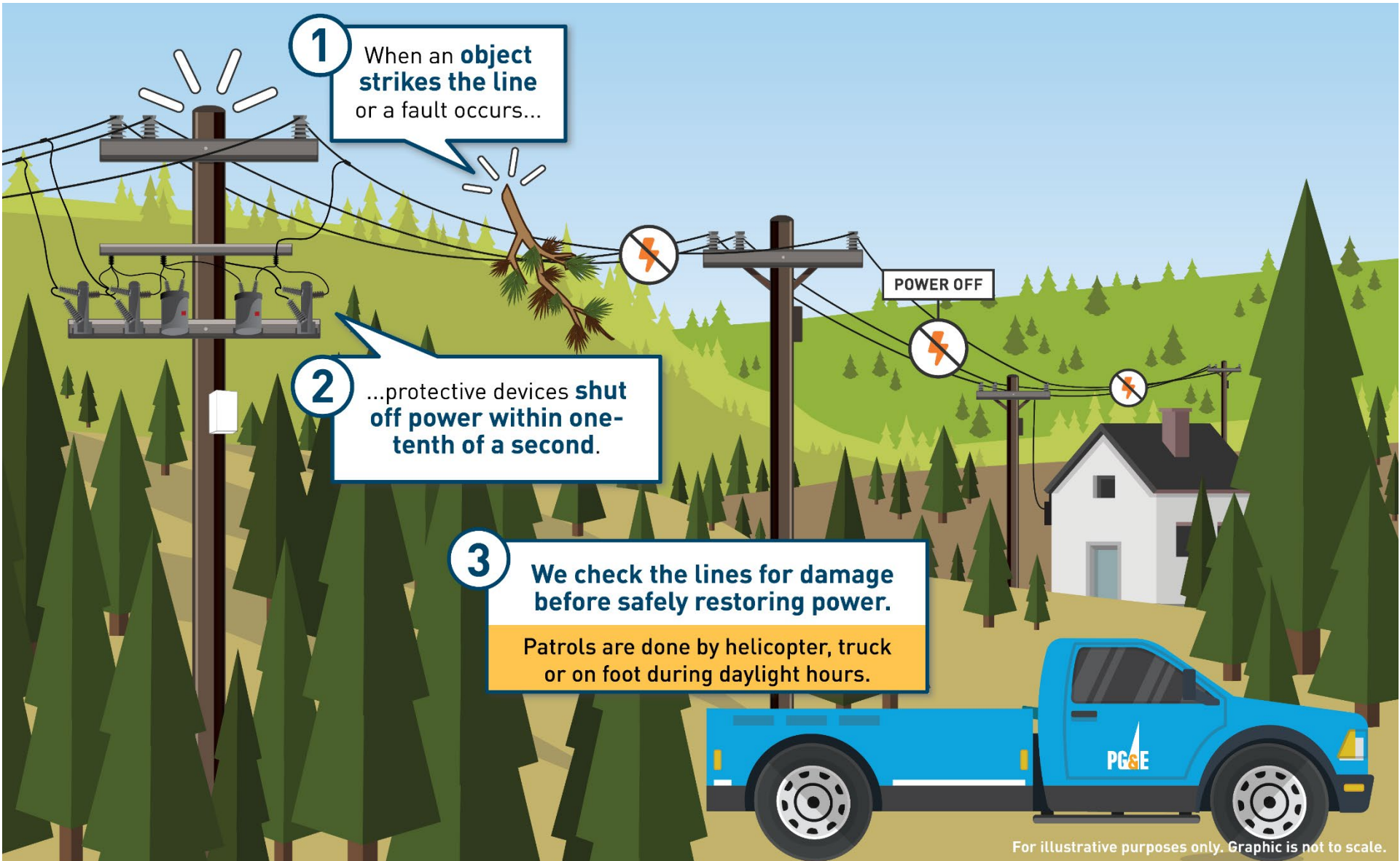
73% decrease in CPUC-reportable ignitions
in 2022 on EPSS-enabled circuits
compared to the prior 3-year average as of 7/22



SAFETY SETTINGS IN ACTION

In July, these settings prevented a potential ignition when a tree fell into a powerline and power quickly and automatically turned off.

What Are Enhanced Powerline Safety Settings?



When are outages most likely to occur?




- When elevated fire risk is present.
- Most likely from May to November but can occur throughout the year depending on the wildfire risk.

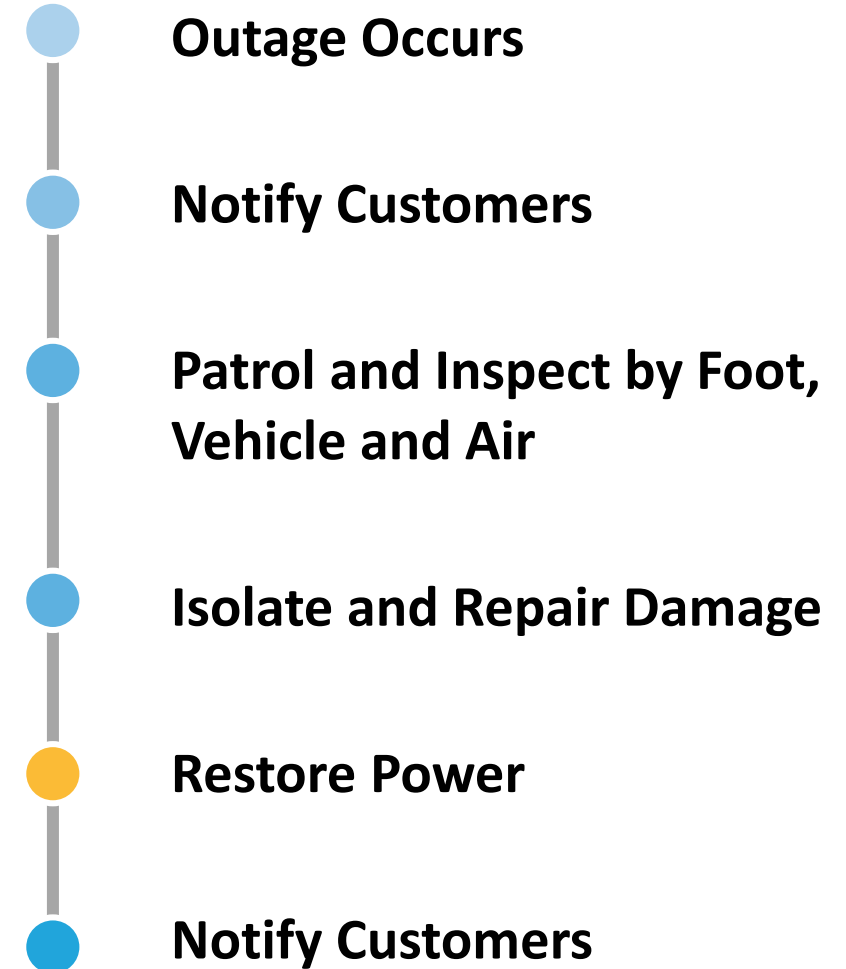
How will schools be notified?

- Through automated calls, texts or emails about when to expect the power back.
- Since outages happen automatically, we are unable to provide advance notification.



Restoring Power More Quickly

- 
 Adapting patrol methods to identify outage sources more quickly.
- 
 Installing fault indicators to help patrol crews identify with precision where on a line a fault occurs and safely restore power more quickly.
- 
 PG&E crews now only need to patrol the section of the line from where the power outage originated to the next protective device.



A Look at Napa County



Thank You



Appendix



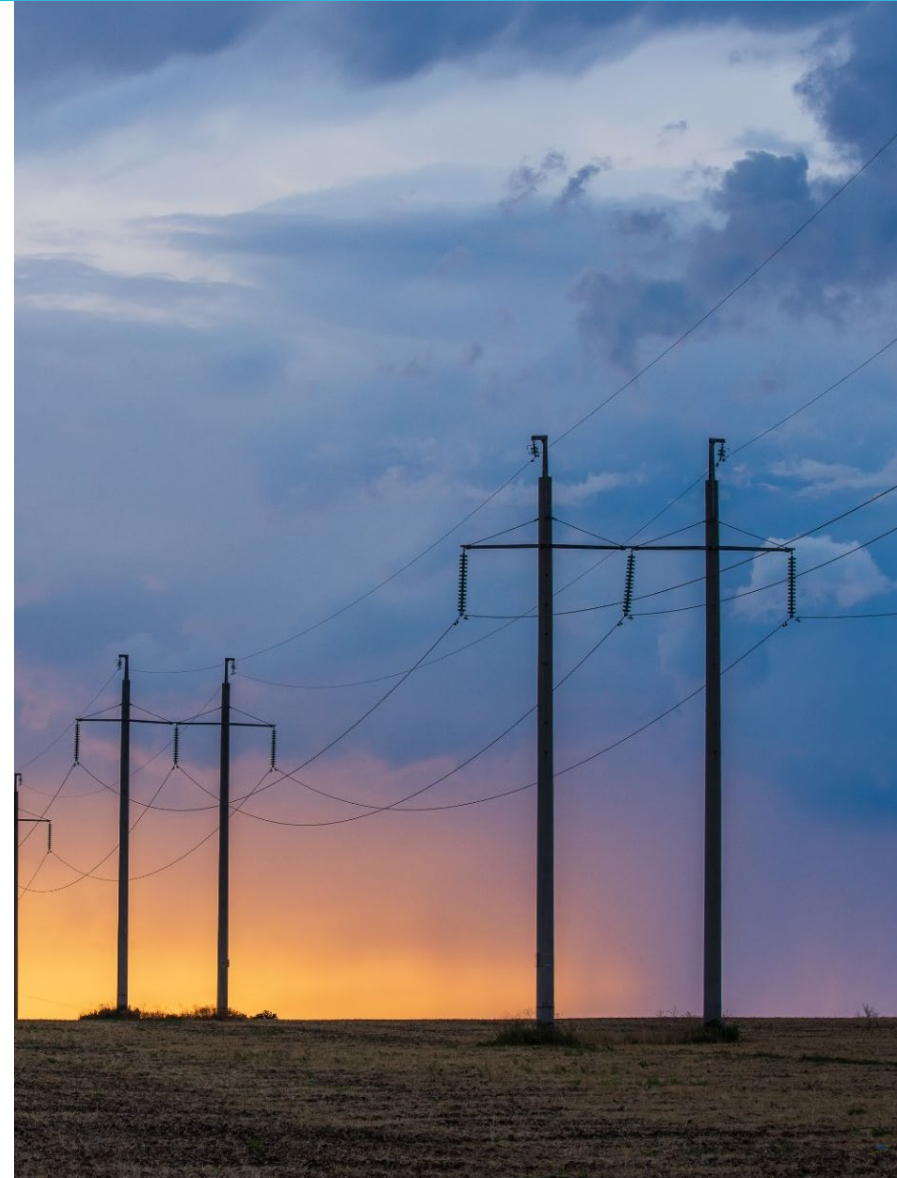
Public Safety Power Shutoffs (PSPS)



What is a Public Safety Power Shutoff?

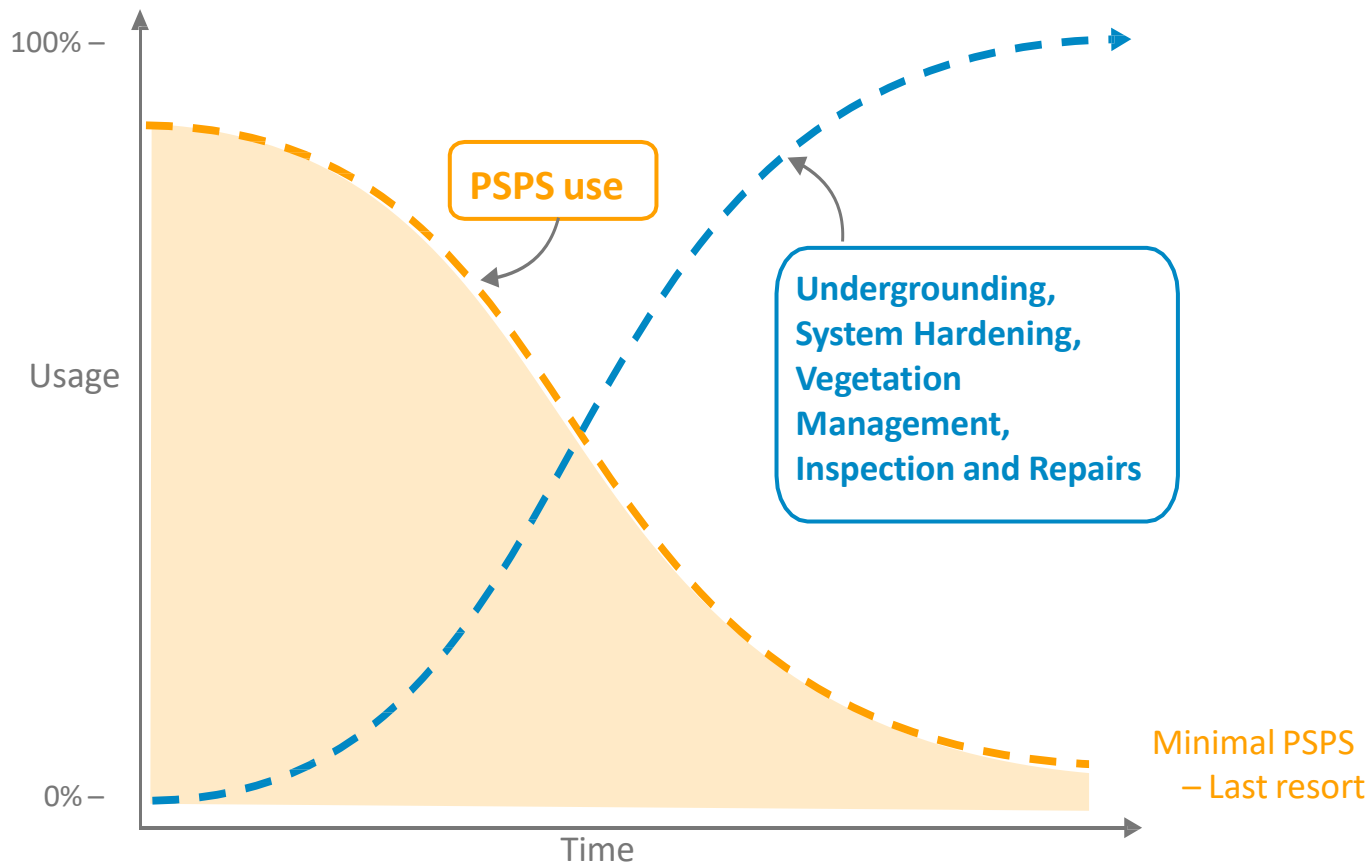
High winds and dangerous conditions can cause branches to contact powerlines. This could damage our equipment or cause a wildfire.

To prevent such fires, we may need to turn off power as a last resort.



Improving PSPS

As we work to build the electric system of the future, with efforts like undergrounding and system hardening, PSPS as a measure of last resort will continue to decline.



PSPS impacts have declined significantly through new, advanced technologies and improvements to the electric system infrastructure.

	2019	2020	2021
PSPS EVENTS	7	6	5
CUSTOMERS IMPACTED	2,014,000	653,000	80,400
DAMAGE/ HAZARDS	722	257	442
AVERAGE OUTAGE DURATION (HRS)	43	35	31
AVERAGE RESTORATION TIME (HRS)	17	10	12

Data is approximate

Differences Between PSPS and Safety Settings

Public Safety Power Shutoffs

Turning off power to prevent tree branches and debris from contacting energized lines



WHEN

During times of high winds, low humidity and dry vegetation



NOTIFICATIONS

In advance through automated calls, texts, and emails along with real-time updates



2022 FOCUS

Continuing to refine the program and reducing impacts in the areas at highest risk

Enhanced Powerline Safety Settings

Turning off power automatically within one-tenth of a second if a problem is detected on the line.



WHEN

Elevated wildfire risk is present, most likely from May to November, but can occur year-round.



NOTIFICATIONS

After the outage occurs. Advance notice cannot be provided due to the adjusted settings that allow power to automatically shut off. Regular updates are also provided.



2022 FOCUS

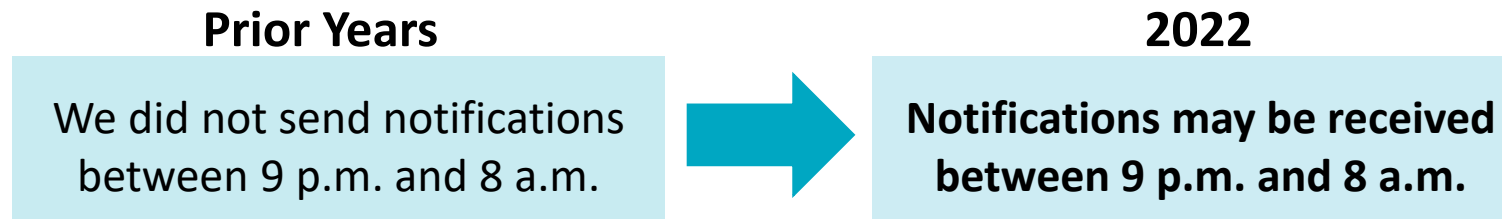
Expanding from ~45% HFTD to 100% of HFRA circuits, increasing customer outreach & improving reliability.



Change in PSPS Notifications

This year, we will be making a change to the timing of Public Safety Power Shutoff (PSPS) notifications and will send them during both day and night, as needed.

WHAT'S CHANGED?



WHY THE CHANGE?

- This update is based on requirements from the California Public Utilities Commission.
- An outage, change in weather or power coming back on can happen overnight. If that occurs, we will now notify you between 9 p.m. and 8 a.m.

Note: Opting out of notifications after dry, windy weather has passed will be unavailable.

PG&E resources to help you prepare now:

- Receive PSPS notifications for any address at pge.com/addressalerts
- Find resources and support at pge.com/pspsresources
- Update your contact information at pge.com/psps

Helping Spanish-speaking customers plan and prepare for PSPS.

Through our PSPS homepage

pge.com/psps

- Find estimated power shutoff and restoration times specific to your address
- Maps showing impacted areas
- Community Resource Center locations and more

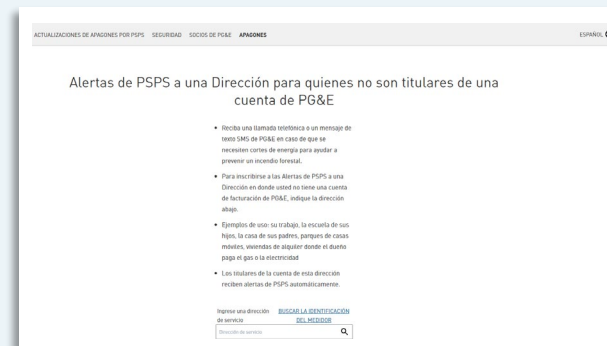


Find up-to-date PSPS outage alerts

at <https://pgealerts.alerts.pge.com/>



Receive PSPS notifications for any location at pge.com/addressalerts



Enhanced Powerline Safety Settings



Safety Settings in Action

Watch the full video [HERE](#)



EPSS Settings ENABLED



EPSS Settings DISABLED

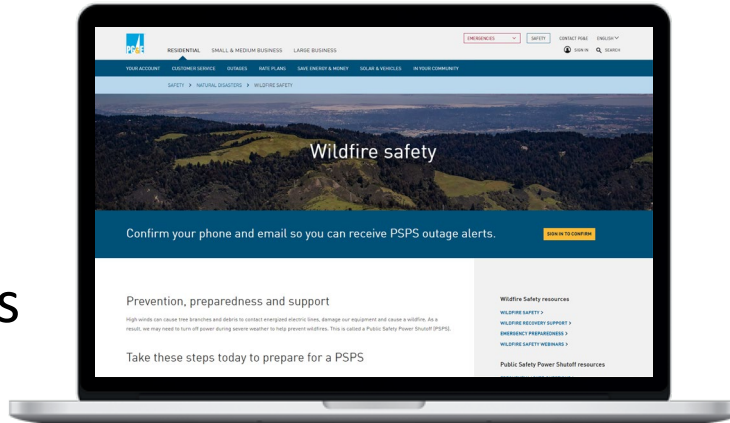
Customer Resources and Support





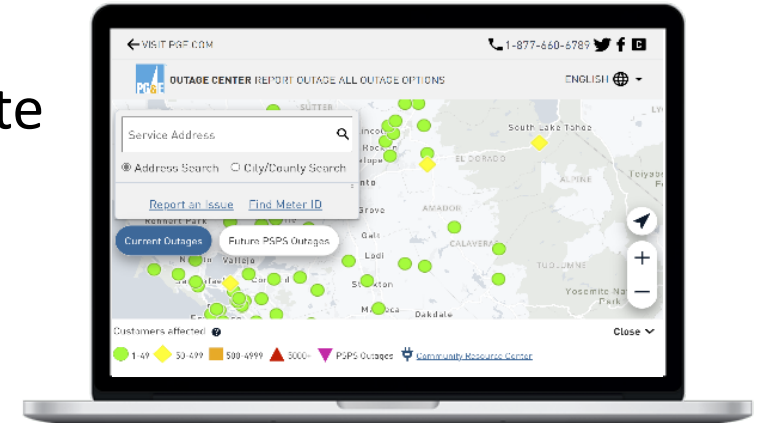
How Communities Can Prepare

Learn More About Wildfire Safety Programs



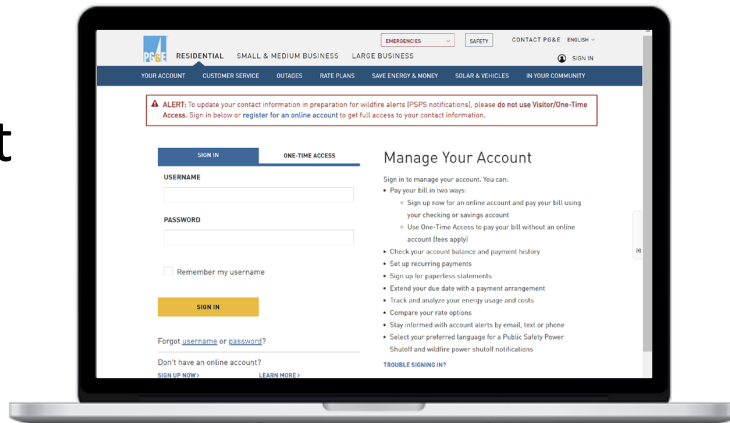
pge.com/wildfiresafety

Stay Up-to-Date on Outages Near You



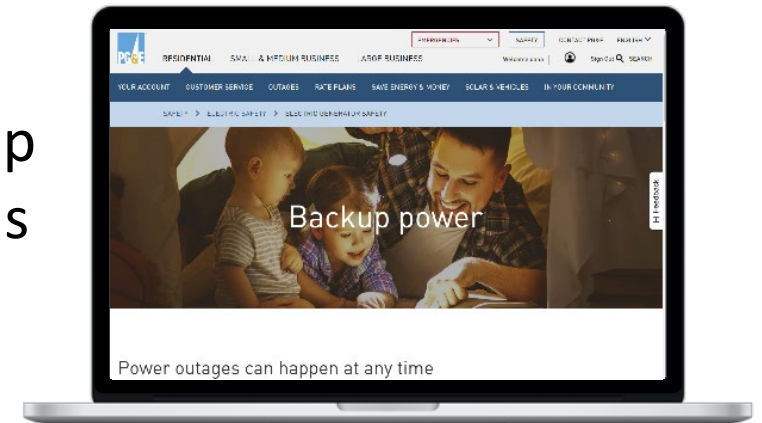
pge.com/outages

Update Contact Information



pge.com/myalerts

Explore Backup Power Options



pge.com/backupper



Community Resources and Support for PSPS Outages and EPSS

Portable Battery Program

Supporting eligible customers with fully subsidized portable battery solutions.

pge.com/pspsresources

California Foundation for Independent Living Centers

Providing qualifying customers with hotel stays, food stipends and more.

cfilc.org

Generator and Battery Rebate Program

Rebates for eligible customers to purchase a qualifying generator or battery.

pge.com/backupper

Partnership with 211

24-7 free and confidential support and resources via calls or texts to 211.

211.org