

Layers of Wildfire Protection



Situational Awareness

- A New Tools and Technology:** Installed over 2,000 weather stations and high-definition cameras with AI to better predict, monitor and respond to wildfires and severe weather



Operational Mitigations

- B Enhanced Powerline Safety Settings:** Installed on 44,000+ line miles in and around high fire-risk areas. These settings automatically shut off power within one-tenth of a second if a hazard is detected
- C Public Safety Power Shutoff:** Turning off power for safety as a last resort during severe weather



Resiliency Work

- D New, Strengthened Equipment:** Installing strong poles and covered powerlines on 1,800+ miles of overhead powerlines
- E Undergrounding Powerlines:** Completing 10,000 miles of undergrounding in the highest wildfire risk areas
- F Vegetation Management:** Removing or pruning 1 million+ trees per year to ensure they are a safe distance from powerlines

Reducing Wildfire Risk in Your Community



For illustrative purposes only. Not to scale.



Strengthening California's Next Generation Electric Grid

We are strengthening our electric system by upgrading powerlines.

This includes both **moving powerlines underground** and **installing strong poles and covered overhead lines**. In some cases, we also remove powerlines if areas receive power from a remote grid or if the lines are no longer needed.

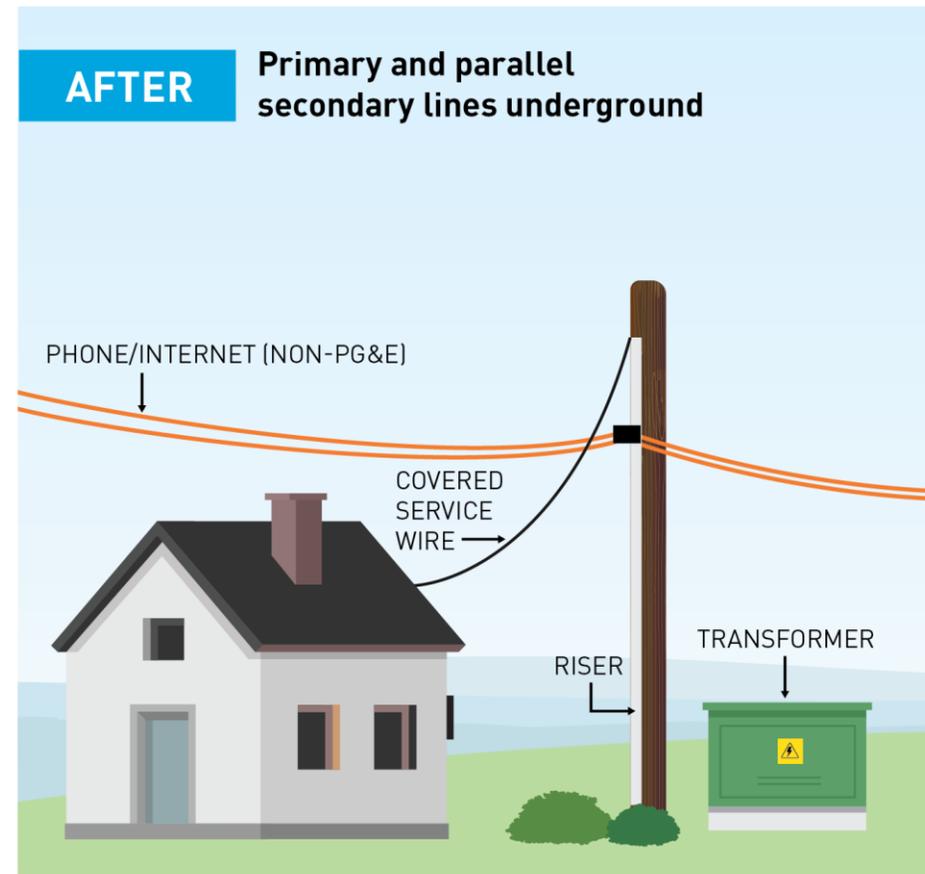
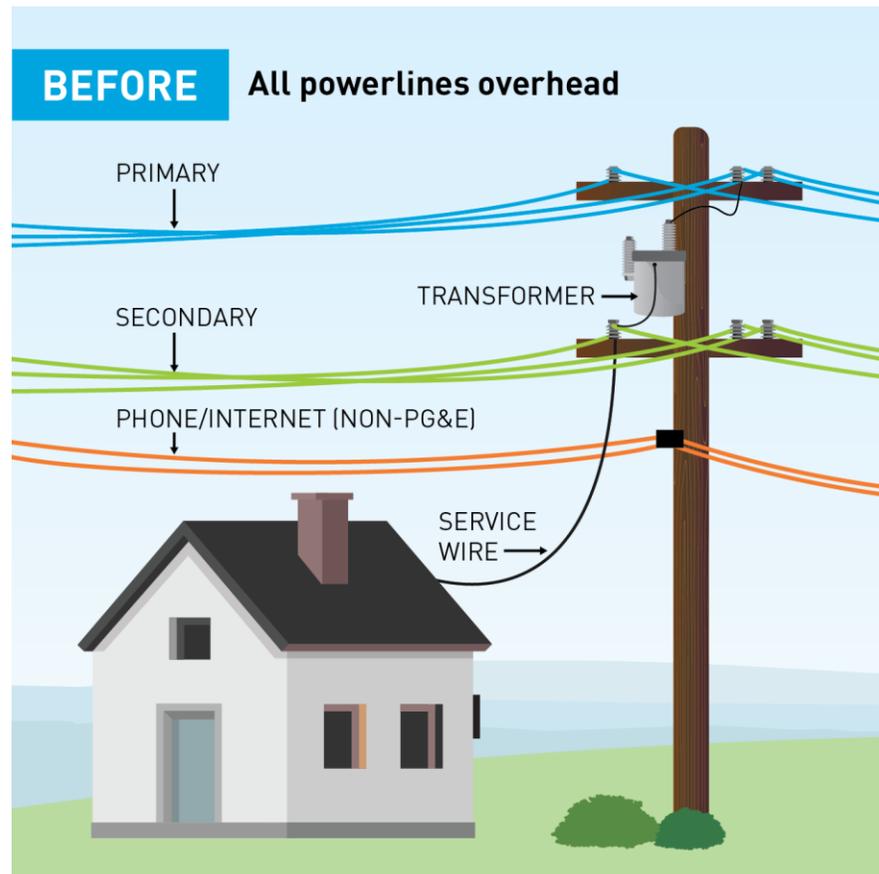
These programs:

- ➔ Reduce wildfire risk
- ➔ Enhance long-term safety
- ➔ Improve reliability



What to Expect From Undergrounding

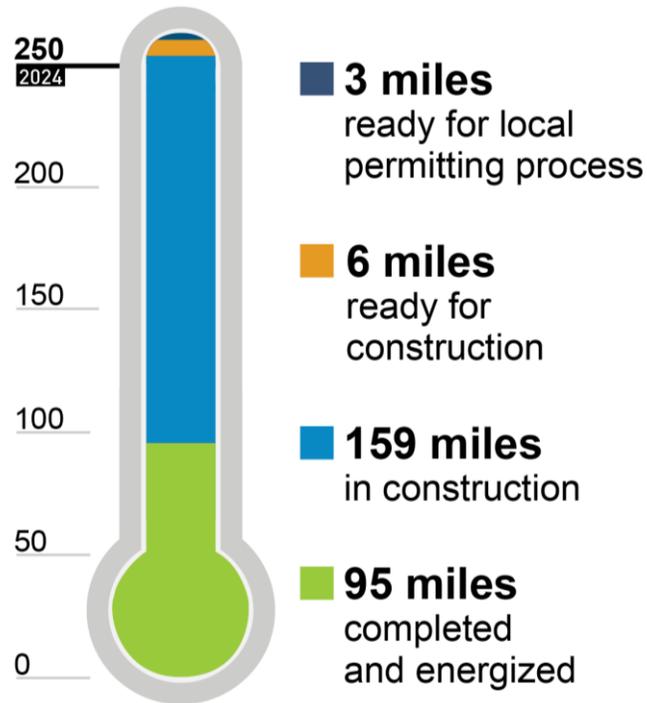
Higher-voltage distribution lines pose the greatest wildfire risk. Therefore, to maximize safety, we are prioritizing undergrounding those lines.



For illustrative purposes only. Not to scale.

2024 Undergrounding Progress

In 2024, we plan to complete 250 miles



Data as of 8/31/2024.

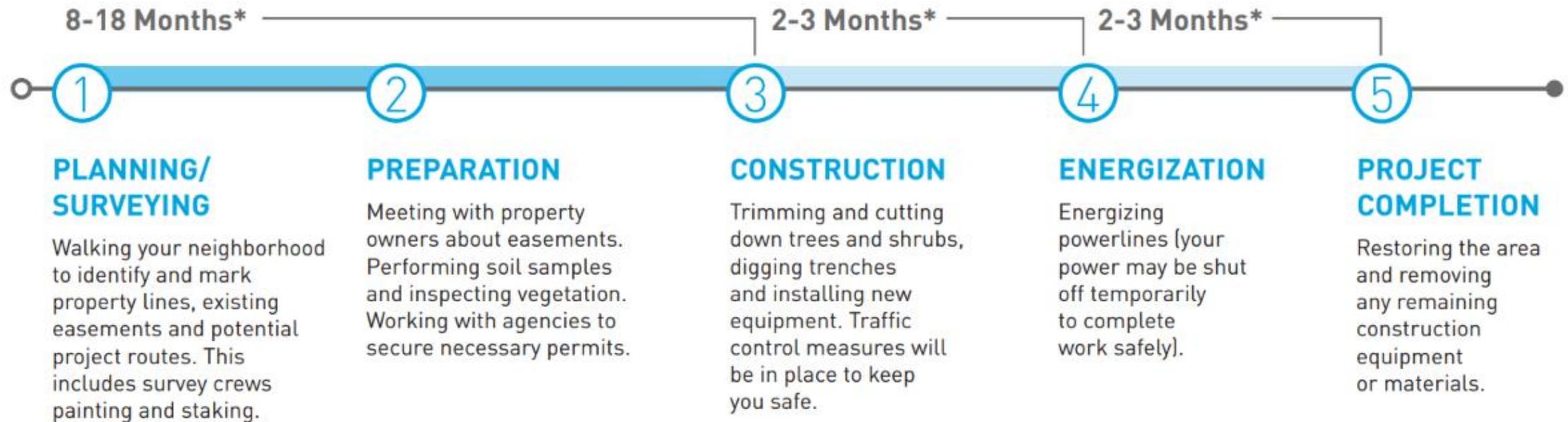
We have already made significant progress toward our annual goal of undergrounding **250 miles** in 2024.

i The 2024 thermometer is updated monthly at [pge.com/undergrounding](https://www.pge.com/undergrounding).

Undergrounding Project Timeline

Undergrounding projects are complex and can take more than 12-24 months to complete. We will keep nearby customers and property owners informed throughout the process.

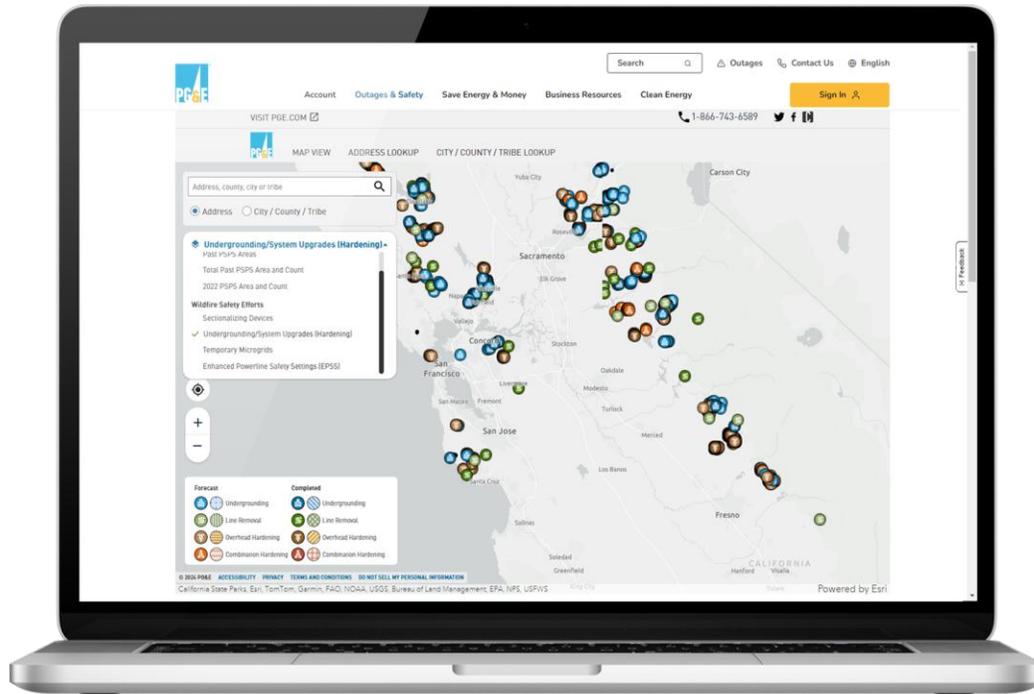
Approximate Project Timeline



**Timing is approximate and varies by project. Work may occur in phases. We will follow up with more detailed project information.*

Wildfire Safety Progress Map

The Wildfire Safety Progress Map is a comprehensive, interactive map of PG&E wildfire safety work and progress for customers.



Visit pge.com/progressmap to learn more

The map includes data related to:

- System Upgrades (Hardening)
 - Installing Strong Poles and Covered Powerlines
 - Undergrounding
 - Line Removal
- Sectionalizing Devices
- Temporary Microgrids
- Enhanced Powerline Safety Settings (EPSS)
- Public Safety Power Shutoffs (PSPS)
- Customer Assistance Programs
 - Self-Generation Incentive Program
 - Permanent Battery Storage Rebate



Preparing a 10-Year Undergrounding Plan

- We are developing a 10-year undergrounding plan that we will submit to the California Office of Energy Infrastructure Safety (OEIS) with additional details on our work for 2027 and beyond.
- Once the plan is submitted to and approved by OEIS, we will then submit a cost application to the California Public Utilities Commission (CPUC) for their review and approval.
- We are working closely with both of our regulators to determine exact timing of our submissions.

What will be included in the plan:

- ✓ Project selection criteria, locations, targets and timelines
- ✓ Risk reduction and cost benefit comparisons to other wildfire mitigation efforts
- ✓ Cost containment strategies, workforce development plan & external funding plan

What the long-term plan will help do:

- ✓ Improve coordination with agencies, vendors, customers and other stakeholders
- ✓ Reduce costs

Upcoming milestones:

Phase 1: PG&E files the 10-year plan with OEIS. Phase 1 focuses on focus on risk reduction, site selection and safety.

Phase 2: PG&E files the 10-year plan cost application with the CPUC. Phase 2 focuses on financial elements of the plan.



Customer Resources and Support for Wildfire Safety Outages

Portable Battery Program

Supporting eligible customers with fully subsidized portable battery solutions

 pge.com/portablebattery

Generator and Battery Rebate Program

Rebates for eligible customers to purchase a qualified generator or battery

 pge.com/backuppowers

Self-Generation Incentive Program

Rebates to help customers save on energy storage systems for their business

 pge.com/sgip

Disability Disaster Access and Resources

Emergency preparedness planning, portable batteries, and support for customers requiring additional accommodations

 pge.com/ddar

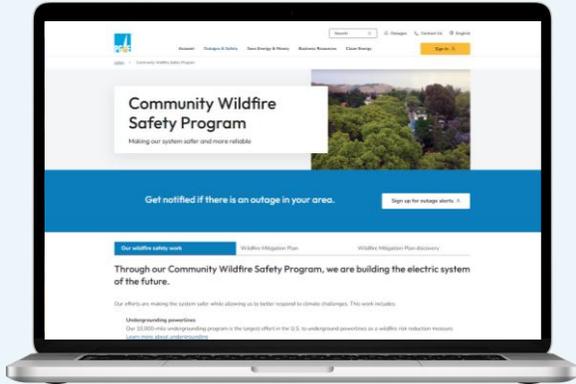
Residential Storage Initiative

Permanent, long-term backup power solutions for the most impacted customers

 pge.com/residentialstorageinitiative



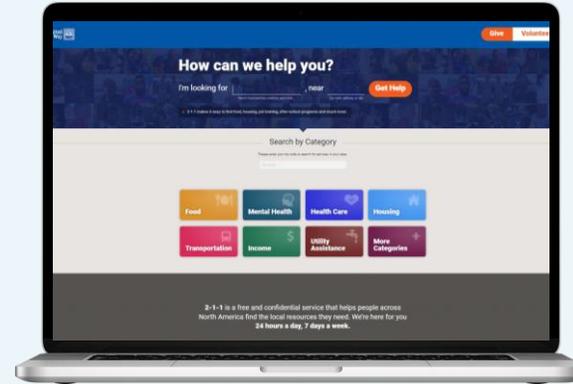
Additional Resources



Wildfire Safety

Information on wildfire prevention efforts

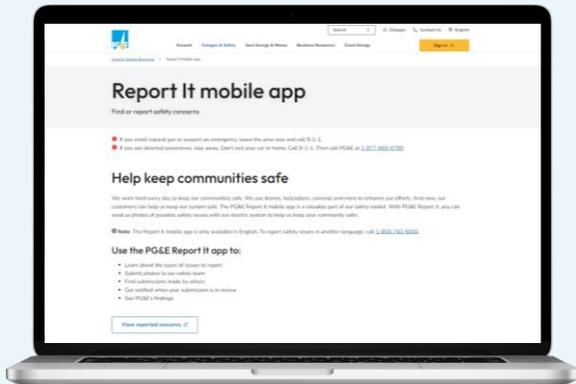
 pge.com/wildfiresafety



California 211 Providers Network

Free and confidential support and resources via calls or texts to 211

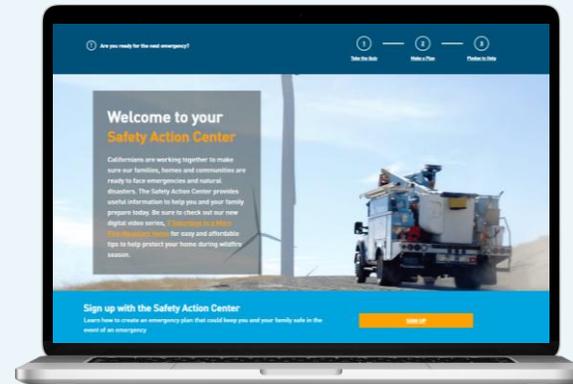
 211ca.org



Report It App

Submit photos of non-emergency potential safety concerns

 pge.com/reportit



Safety Action Center

Create an emergency safety plan to keep you and your family safe

 safetyactioncenter.pge.com

Dedicated wildfire safety contacts: Hotline: 1-866-743-6589 | Email: wildfiresafety@pge.com