

What PG&E is doing to reduce wildfire risks and improve Public Safety Power Shutoffs



As the 2020 wildfire season approaches, here's what PG&E is doing to reduce wildfire risks across our system:

- **Installing real-time weather technology so we can better understand how severe weather can impact our system and proactively respond to potential threats**
 - Adding approximately 400 advanced weather stations this year (1,300 by 2022).
 - Installing nearly 200 high-definition cameras in high fire-threat areas (nearly 600 by 2022).
- **New and enhanced safety measures to reduce wildfire threats**
 - Pruning or removing over 1 million trees to maintain clearance from power lines.
 - Inspecting over 15,000 miles of power lines in high fire-threat areas and making any necessary repairs.
- **Making the system stronger and more resilient**
 - Hardening over 240 miles of our infrastructure with stronger poles, covered power lines and targeted undergrounding.

PG&E is also improving Public Safety Power Shutoffs (PSPS), a statewide effort to prevent wildfires by proactively turning off power to communities when severe weather is forecast.



We are working in 2020 to make PSPS events **SMALLER, SHORTER and SMARTER.**

SMALLER:

- **Installing more than 600 sectionalizing devices** capable of re-directing power and limiting the size of outages so fewer communities are without power.
- **Installing microgrids** that use generators to keep the lights on for whole communities.
- **Conducting targeted undergrounding** as part of system hardening.

SHORTER:

- **Reducing restoration times by half** compared to 2019 so that we restore power within 12 daylight hours after severe weather has passed.
- **Nearly doubling our helicopter fleet** (from 35 to 65) and using two airplanes with infrared cameras to more quickly inspect transmission lines.
- **Adding more field crews** to speed up inspections.
- **Utilizing mutual assistance** from other utility companies to support PSPS restoration inspections when needed.

SMARTER:

- **Improving our weather monitoring technology** and installing new weather stations to more precisely predict the need for and timing of PSPS events.
- **Improving customer alerts** with earlier estimates of restoration timing.
- **Upgrading Community Resource Centers (CRC)** so that customers without power have a place to go for charging and other basic needs.
- **Establishing a new collaborative working approach** with cities, counties, tribes and critical service providers.
- **Bolstering website capacity.**
- **Partnering with community-based organizations** to provide resources for vulnerable customers and conduct outreach.
- **Expanding in-language communications.**

IF YOU'D LIKE TO LEARN MORE about our upcoming webinars, please visit pge.com/wildfiresafety or see our complete list of webinars and events [here](#).