



& WILDFIRE SAFETY

COMMITMENT TO WILDFIRE SAFETY

WILDFIRE RISK IN SDG&E'S SERVICE AREA - HIGH FIRE-THREAT DISTRICT (HFTD)

The HFTD is a geographic area, designated by the California Public Utilities Commission, that represents elevated and extreme risk for utility-associated wildfires.

64%

Service territory area in HFTD

235K

Customer accounts in HFTD

51%

Inventoried trees in HFTD

sdge.com/wildfire-safety

STRENGTHENING INFRASTRUCTURE

Since 2007, SDG&E® has been implementing infrastructure hardening measures to protect people and property from utility-related wildfires. The Company's efforts have resulted in measurable reductions in wildfire risk and include:

- Replacing 26,000 wood poles with fire-resistant steel poles
- Maintaining more than 480,000 trees

SDG&E introduced a combination of new strategies to further reduce the risk of both wildfires and impacts associated with Public Safety Power Shutoffs (PSPS):

- Deploying advanced powerline protection systems that de-energize downed power lines (typically due to high winds) before contacting the ground and reduce the likelihood of an ignition

- Building a new private communications network to support protection technologies and high-speed field communication
- Constructing five microgrids, including CAL FIRE's Ramona Air Attack Base, to help keep customers and critical facilities energized during PSPS
- Inspecting more than 21,000 poles using drones and utilizing Artificial Intelligence (AI) to ensure powerlines are operating safely at all times.

ADVANCING SITUATIONAL AWARENESS

Responding to extreme weather events is built on SDG&E's year-round preventative and preparative efforts. For wildfire safety, the Company uses advanced situational awareness tools and highly trained personnel to help identify, assess and prepare for potential hazards. SDG&E has integrated a

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variety of operational and situational awareness measures, including:

- A utility first Fire Science & Climate Adaptation Department with six full-time meteorologists and one fire scientist that are constantly monitoring weather conditions that could lead to wildfire events
- A premier weather network of more than 220 weather stations, and most provide reads on temperature, humidity and wind every 30 seconds
- More than 100 high-definition cameras to determine wildfire location accurately and quickly
- New AI-based predictive models that increase the accuracy of weather forecasts, helping prevent wildfires and mitigate PSPS impacts on communities
- Utilization of support tools like the Fire Potential Index, Santa Ana Wind Threat Index and Vegetation Risk Index to strengthen operational decision making and regional preparedness

ENHANCING OUTREACH AND COMMUNICATIONS

Communication and customer engagement is fundamental to ensuring complete wildfire preparedness and safety. SDG&E has dedicated itself to meeting its customers' needs and has established multiple channels of communication:

- Year-round wildfire safety education and communications campaign that leverages more than 20 diverse communications platforms
- Communication in 21 prevalent languages and American Sign Language in the service territory to reach all customers
- In-community electronic signage to share important and timely safety information during a PSPS
- Collaboration with 400 community-based organizations to help amplify important preparedness and safety messages
- Multiple webinars and wildfire safety fairs to connect customers with subject matter experts



Wildfire safety fairs provide community members an opportunity to interact directly with subject matter experts regarding important safety and operational information.

REDUCING PSPS CUSTOMER IMPACTS

SDG&E utilizes PSPS as a last resort tool to mitigate the risk of wildfires during high-risk weather. The Company recognizes the difficulties that power shutoffs can pose for our customers' everyday lives. To date, SDG&E took proactive steps to address customer needs:

- 3,795 portable battery-powered generators were distributed to Medical Baseline customers who experienced a PSPS
- 2,040 generator purchase rebates were downloaded by customers in the HFTD
- A PSPS mobile app, known as Alerts by SDG&E, allows users to get real-time updates on events, and capture much needed resource information
- Strategic partnership with 211 San Diego, 211 Orange County and other community-based organizations to help amplify important safety messaging and support vulnerable populations during emergencies

Figures as of May 2022

P.O. Box 129831 | San Diego, CA 92112-9831 | 1-800-411-7343 | Connect at [sdge.com](https://www.sdge.com)

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