Community Wildfire Safety Program
Talking Points

Slide 1: Introduction

- Thank you for taking the time to meet with us today to discuss our Community Wildfire Safety Program (CWSP).

- Today, we want to talk about what we are doing to reduce the threat of wildfire locally and systemwide, and the opportunities for us to work together to improve the Public Safety Power Shutoff program (PSPS) in 2020.

Slide 2: Safety

- We know that everyone is currently focused on staying safe from COVID-19 and appreciate your participation during this challenging time.

- Guidance has been developed to identify the essential work that must continue for the benefit of our customers and communities, and this includes work associated with CWSP.

- This situation is evolving, and we will continue to adjust our work as necessary to deliver safe, reliable energy and to keep our customers, communities and employees safe.

Slide 3: Community Wildfire Safety Program / Topics for Today

- Our Community Wildfire Safety Program includes short-, medium- and long-term plans to make our system safer, such as:

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    • With the complex wildfire threat our state faces, PG&E has a vital responsibility to enhance and expand our wildfire safety efforts to further reduce wildfire risks and keep our customers and the communities we serve safe.

    • Our Community Wildfire Safety Program includes short-, medium- and long-term plans to make our system safer, such as:

      • «برنازمه جامعه ما برای حفظ ایمنی در برای آتشسوزی جنگل» شامل برنامه‌های کوتاهمدت، میانمدت و بلندمدت برای ایمنی‌تر

• با توجه به پیچیده‌ترین آتشسوزی‌های جنگلی که ایالت ما با آن روبرو است، PG&E مسئولیت حیاتی در تقویت و گسترش اقدامات می‌داند. این اقدامات تا به این ترتیب خطرات آتش‌سوزی‌های جنگلی کاهش یافته و امنیت مشتریان و جوامع ما حفظ شود.
Slide 4: PG&E’s Electric System

Slide 5: Wildfire Risks Across PG&E’s Service Territory

Slide 6: What Is A Public Safety Power Shutoff?

Slide 7: What Is A Public Safety Power Shutoff? (PSPS)
We know that turning off power can prevent wildfires, but also disrupts lives and can include its own risks, particularly for those who need power for medical equipment.

That is why our work this year is focused on reducing the impacts on our customers without compromising safety.

Let's see what weather could lead to a PSPS?

While no single factor drives a PSPS event, these factors generally include:

- A Red Flag Warning
- Low humidity levels
- Forecasted sustained winds
- Condition of dry fuel on the ground
- On-the-ground, real-time observations

How are we improving for this year?

We are listening to our customers about how we can do better by taking feedback and acting on what we hear. This year, we are focused on making PSPS events:

- Smaller in size: We are upgrading our electric system to prevent wildfires and reduce the size of PSPS events by one-third compared to 2019.
- Shorter in length: We are seeking to cut restoration times in half compared to 2019 so that we restore power within 12 daylight hours after severe weather has passed.
- Smarter for customers: We are refining our weather models and providing better information and resources to customers and communities.
Slide 10: How Are We Improving For This Year? (cont.)

- Smaller in size:
  - Installing more than 600 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.

Slide 11: How Are We Improving For This Year? (cont.)

- Shorter in duration:
  - Adding more field crews to speed inspection of lines.
  - Expanding helicopter fleet from 35 to 65 for aerial line inspections.
  - Commissioning two new airplanes for aerial line inspections.
  - Utilizing infrared equipment to inspect at night.

Slide 12: How Are We Improving For This Year? (cont.)

- Smarter for customers:
  - Provide more accurate/timely communications and additional resources:
    - Enhancing meteorology technology to pinpoint severe weather.
    - Bolstering website capacity.
    - Improving customer alerts and notifications.
    - Upgrading Community Resource Centers.
    - Improving coordination with local agencies and critical service providers.
    - Deliver more assistance before, during and after a PSPS event.
    - Working with the California Foundation for Independent Living Centers and other Community Based Organizations to support vulnerable customers.
Slide 13: Progress to Help Prevent Wildfires

- Making it easier for eligible customers to join and stay in the Medical Baseline program
- Expanding in-language communications
- گسترش ارتباطات زبانی

Slide 14: Wildfire Mitigation Plan 2019 vs. 2020 by the Numbers

- We have provided details regarding the work we conducted in 2019 and the work we are targeting in 2020.
  - ما درباره کارهایی که در سال 2019 انجام دادیم و کارهایی که در سال 2020 هدف قرار دادیم جزئیات کامی را ارائه کرده‌ایم.
- As you can see, we are taking immediate and comprehensive actions to upgrade our infrastructure, monitor fire threats in real time and institute new wildfire safety measures throughout our service territory.
  - همانطور که می‌بینید، ما در حال انجام قطعات فوری و جامع برای ارائه پیامدهای خود و پایان هزمان تهدیدات آتش‌سوزی سهیم و اقدامات ایمنی جدیدی را در پی انجام آتش‌سوزی‌ها در سرتاسر حوزه خدمات‌رسانی‌مان اعمال می‌کنیم.

Slide 15: Vegetation Management

- In response to the growing wildfire threat, we have expanded and enhanced our vegetation and safety work. This includes addressing vegetation that poses a higher potential for wildfire risk in high fire-threat areas.
  - در پاسخ به تهدید فراگیر آتش‌سوزی‌ها، اقدامات ایمنی و پوشش گیاهی خود را گسترش داده و تقویت کرده‌ایم. ازجمله این کارها ی پرداختن به پوشش گیاهی مناطقی است که جزء مناطق پرخطر از نظر آتش‌سوزی‌ها هستند.
- Our Enhanced Vegetation Management work includes the following:
  - اقدامات ما در زمینه بهبود مدیریت پوشش گیاهی شامل موارد زیر می‌شوند:
    - Exceeding state standards for minimum clearances around the power lines.
      - فرآیند از استانداردهای ایالتی برای حداکثر فاصله در اطراف خطوط نیرو اویزان شدن.
    - Clearing to the sky the limbs and branches that overhang the 4-foot clearance zone around the lines.
      - پاکسازی فضای هواپی و پرگرماهی که در بین فواصل 4 فوتی اطراف خطوط انتقال نیرو اویزان شده.
    - Conducting inspections to remove hazardous vegetation such as dead, diseased, dying or defective trees that pose a potential risk to the lines or equipment, in addition to our routine patrols.
      - انجام پروازهایی برای از بین بردن پوشش گیاهی خطرناک مانند درختان درمده، بیمار، خشکیده و یا ضعیف که خطوط‌های تجهیزات را در معرض خطر احتمالی آتش‌سوزی قرار می‌دهند.
    - Evaluating the condition of trees that may need to be addressed if they are tall enough to strike the lines or equipment.
      - با شناخت با هدف تعدادی از جهیزیه‌های برق خورد کنن.
further reduce wildfire risk and better withstand severe weather.

- We’re hardening our infrastructure with stronger poles, covered power lines and targeted undergrounding.

This work is taking place across 7,100 miles of distribution lines over the next several years in the highest fire-threat areas. Electric system hardening work will:

- Help reduce the risk of wildfire due to environmental factors.
- Enhance long-term safety, especially during times of high fire-threat.
- Significantly improve reliability during winter weather.
- Our goal is to harden approximately 240 distribution circuit miles in 2020.

Slide 17: Inspection Plans

Our updated System Inspections Program evaluates our electric infrastructure on an ongoing basis to find and fix potential risks to the safety and reliability of our system. Through the System Inspections Program, PG&E is conducting safety inspections of distribution, transmission and substation equipment throughout our service territory. Continuing in 2020, we are accelerating our inspection cycles beyond compliance regulations to align with wildfire risk.

- We are prioritizing work in areas of extreme (Tier 3) and elevated (Tier 2) wildfire risk as defined by the California Public Utilities Commission (CPUC) High Fire-Threat District Map.
- In 2020, we plan to inspect more than 15,000 miles of electric lines.
- All of the highest-priority conditions found through inspections will be promptly repaired or made safe.

- Our goal is to harden approximately 240 distribution circuit miles in 2020.

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Slide 18: Preparing for Public Safety Power Shutoffs

Slide 19: Advance PSPS Alerts for Customers

- We will provide alerts to customers in advance of a PSPS.
- Our goal, dependent on weather, is to send customer alerts two days ahead, one day ahead and just prior to shutting off power through automated calls, texts and emails.
  - Customers will also be notified when their power has been restored.
  - This year, we are updating our customer alerts to provide more detail earlier – including a window of estimated time of shutoff and restoration – about what to expect during PSPS events.
  - We will also provide updates on pge.com/pspsupdates and through social media channels, local news and radio outlets.

Slide 20: How is PG&E Improving Restoration Times?

- After the weather has passed and it is safe to do so, our crews will visually inspect for damage to ensure the lines are safe to energize.
- This year, we are seeking to cut restoration times in half so that we restore power within 12 daylight hours after severe weather has passed.
  - Nearly doubling our exclusive-use helicopter fleet during events from 35 to 65.
  - Using two airplanes with infrared cameras capable of inspecting transmission lines at night.
  - Adding more field crews to speed up inspections.
  - Utilizing mutual assistance from other utility companies to support PSPS restoration inspections, when needed.

Slide 21: Community Resource Centers (CRCs)

- During a PSPS event, PG&E will open Community Resource Centers (CRCs) where community members can access resources.
Our goal will be to set up and open a CRC as soon as possible after the start of a PSPS event forecasted to last longer than 24 hours.

Location and hours of operation will be posted on pge.com/pspsupdates. We will also reach out to customers in affected communities via social media, local news and radio.

Please note: PG&E is adapting our approach to CRCs to reflect appropriate COVID-19 public health considerations.

We are planning to offer micro CRCs (smaller, open air tents) and mobile CRCs (vans) to supplement hardened CRCs if stay-at-home and physical distancing requirements are in place during PSPS events.

The program will also provide transportation resources, assistive communication equipment, hotel and food vouchers, emergency planning and education and Medical Baseline program enrollment assistance.

Press releases, radio advertisements and leveraging our network of CBOs will also be used to communicate with customers who depend on power for medical and independent living needs when possible during events.

We encourage customers interested in the pilot program to visit disabilitydisasteraccess.org for more information.

To make sure you/customers receive alerts regarding potential safety outages in your area, we will begin communicating about potential PSPS events affecting your area around 3 days out. Please visit pge.com/pspsupdates for the latest updates.

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your/their community, update the contact information PG&E has on file.

- We have also made additional wildfire preparedness tools available online including:
  - Weather and PSPS Forecasting Webpage
  - Backup Power Webpage
  - Safety Action Center
  - Medical Baseline
  - “Prepare for Power Down” Website

Slide 24: Thank You

- Please direct customers with/If you have any questions, they/you can call us at 1-866-743-6589 or email at wildfiresafety@pge.com.
- Customers/You can also visit our dedicated website at pge.com/wildfiresafety for more information on our wildfire safety efforts and tips to help prepare for extreme weather and possible power outages.

Slide 24  : سیاسی‌گزاری