

Community Wildfire Safety Program
Tes Dej Num Kev Nyab Xeeb ntawm Hluav Taws Kub Hav Zoov Hauv Zej Zog
[Audience] Talking Points
[Cov neeg saib] Cov Ncauj Lug Uas Yuav Tham Txog

Slide 1: Introduction

Slide 1: Lus Qhia Nthuav Dav

- Thank you for taking the time to meet with us today to **discuss our Community Wildfire Safety Program (CWSP)**.
- Ua tsaug uas siv lub sij hawm los ntsib peb nyob rau hnuv no txhawm rau los **sib tham txog peb Tes Dej Num Kev Nyab Xeeb ntawm Hluav Taws Kub Hav Zoov Hauv Zej Zog (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**.
- Hnuv no, peb xav los tham txog **yam uas peb tab tom ua los txo qhov teeb meem tsis zoo ntawm hluav taws kub hav zoov raws zej zog thiab txhua qhov chaw**, thiab yog cov hwm tsam zoo rau peb los koom ua hauj lwm ua ke txhim kho tes dej num Kev Tsa Nthuav Taws Xob Txhawm Rau Kev Nyab Xeeb Ntawm Zej Tsoom (Public Safety Power Shutoff program, PSPS) nyob rau xyoo 2020.

Slide 2: Safety

Slide 2: Kev Nyab Xeeb

- We know that everyone is currently **focused on staying safe from COVID-19** and appreciate your participation during this challenging time.
- Peb paub tias txhua leej txhua tus **tseem tab tom mob siab rau kev nyob twj ywm hauv tsev kom nyab xeeb rau kab mob COVID-19** thiab nkag siab zoo txog koj li kev tuaj koom nyob rau lub sij hawm uas muaj kev nyuaj li no.
- 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**.
- Cov lus qhia uas tau raug txhim kho txhawm rau tau qhia txoj **hauj lwm tseem ceeb ntawd yuav tsum lis mus txuas ntxiv txhawm rau kom tau txiaj ntsim rau peb cov qhua tuaj siv thiab cov zej zog**, thiab qhov no yuav **suav nrog txoj hauj lwm uas tau cuam tshuam nrog CWSP**.
- We understand the importance of keeping the lights on, especially given the current stay-at-home orders. We are **determined to do everything possible to address both the impact of the COVID-19 pandemic and the threat of catastrophic wildfires**. Our overriding goal is to ensure public safety and PSPS is an important tool for doing so.
- Peb nkag siab txog qhov tseem ceeb ntawm kev taws cov teeb cia, tshwj xeeb tshaj yog kev tau txais cov lus txib kom nyob twj ywm hauv tsev tam sim no. Peb tau **txiav txim siab los ua txhua yam raws li ua tau txhawm rau nthuav qhia txog qhov teeb meej cuam tshuam los ntawm kev sib kis kab mob COVID-19 thiab qhov teeb meem tsis zoo ntawm teeb meem kub ntxhov hluav taws kub hav zoov**. Peb lub hom phiaj sib tshooj no yog muaj los txhawm rau kom paub meej txog kev nyab xeeb ntawm zej tsoom thiab PSPS yog ib qho cuab yeej tseem ceeb uas yuav tau ua thiab.
- 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.
- Qhov **xwm txheej no tab tom hloov pauv zuj zus**, thiab peb yuav **tau hloov kho peb txoj**

hauj lwm txuas ntxiv raws li tsim nyog txhawm rau kom muab tau cov hluav taws xob uas muaj kev nyab xeeb, thiab tso siab tau thiab txhawm rau hwj xwm peb cov neeg siv, cov zej zog thiab cov neeg hauj lwm tau yam nyab xeeb.

Slide 3: Community Wildfire Safety Program / Topics for Today

Slide 3: Tes Dej Num Kev Nyab Xeeb ntawm Hluav Taws Kub Hav Zoov Hauv Zej Zog / Cov Ncauj Lug nyob rau Hnub No

- 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.
- Vim qhov teeb meem tsis zoo ntawm hluav taws kub hav zoov yam sib txuam ntxaws uas peb lub xeev tau ntsib ntawd, PG&E thiaj muaj txog **kev tawm tsam rau uas tseem ceeb heev los txhawb thiab nthuav peb cov kev rau siab kom kev nyab xeeb ntawm hluav taws kub hav zoo** txhawm rau txo cov kev phom sij yav tom ntej thiab hwj xwm peb cov neeg siv thiab cov zej zog kom muaj kev nyab xeeb.
- Our Community Wildfire Safety Program includes **short-, medium- and long-term plans to make our system safer**, such as:
- Peb Tes Dej Num Kev Nyab Xeeb ntawm Hluav Taws Kub Hav Zoov Hauv Zej Zog suav nrog rau **cov kev npaj-ncua luv, -ncua nrab thiab -ncua ntev los tsim peb txoj num kom muaj kev nyab xeeb tuaj**, xws li:
 - Making **Public Safety Power Shutoff (PSPS) events smaller in size, shorter in length and smarter** for our customers
 - Kev tsim **cov xwm txheej Kev Tua Hluav Taws Xob Txawm Rau Kev Nyab Xeeb Ntawm Zej Tsoom (PSPS) kom me zog tuaj ntawm qhov loj, luv zog tuaj ntawm qhov ntev thiab ntse zog tuaj** rau peb cov neeg siv
 - Installing **new grid technology**
 - Nruab **cov xov hluav taws xob uas siv cov tswv yim tshiab**
 - **Hardening the electric system**
 - **Kho cov khoom khiav hluav taws xob kom khov**
 - **Performing enhanced vegetation management**
 - **Lis cov kev tuav tswj tej nroj tsuag**
- We all rely on electricity for everyday life and we want to **work together with our customers** on solutions that can **prevent wildfires and keep our communities safe**.
- Peb txhua tus vam khom rau hluav taws xob nyob rau txhua hnub hauv lub neej thiab peb xav **ua koom nrog peb txhua tus neeg siv** los daws cov teeb meem uas tuaj yeem **tiv thaiv cov hluav taws kub hav zoov thiab hwj xwm peb cov zej zog kom nyab xeeb**.

Slide 4: PG&E's Electric System

Slide 4: Cov Khoom Khiav Hluav Taws Xob ntawm PG&E

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

Slide 5: Cov Kev Phom Sij Hluav Taws Kub Hav Zoov Thoob Plaws Cheeb Tsam Kev Siv ntawm PG&E

- **High temperatures, extreme dryness and record-high winds** have created conditions in our state where **any spark at the wrong time and place can lead to a major wildfire**.
- **Cov huab cua kub uas siab heev, kev qhuav nkig nkuav thiab cov cua loj heev tau tsim cov laj thawj rau hauv peb lub nroog ntawm qhov chaw uas muaj ib qho kev tawm txim twg nyob rau lub sij hawm thiab qhov chaw yuam kev tuaj yeem ua rau muaj hluav taws kub hav zoov tau.**
- **More than half of the area** where our customers live and work is **at high risk for wildfires**.
- **Ntau dua ib nrab ntawm qhov cheeb tsam** uas peb cov neeg siv nyob thiab ua hauj lwm

yog nyob rau qhov kev phom sij siab ntawm hluav taws kub hav zoo.

- With the **increased wildfire threat** our state faces, PG&E is **enhancing and expanding our efforts to reduce wildfire risks and keep our customers and communities safe.**
- Vim **qhov teeb meem tsis zoo ntawm hluav taws kub hav zoov yam nce tuaj ntxiv** uas peb lub xeev tau ntsib ntawd, PG&E thiaj **txhawb thiab nthuav peb cov kev rau siab los txo cov kev phom sij yav tom ntej thiab hwj xwm peb cov neeg siv thiab cov zej zog kom muaj kev nyab xeeb.**

Slide 6: What Is A Public Safety Power Shutoff?

Slide 6: Kev Tua Hluav Taws Xob Txhawm Rau Kev Nyab Xeeb Ntawm Zej Tsoom Yog Dab Tsi?

Slide 7: What Is A Public Safety Power Shutoff? (PSPS)

Slide 7: Kev Tua Hluav Taws Xob Txhawm Rau Kev Nyab Xeeb Ntawm Zej Tsoom Yog Dab Tsi? (PSPS)

- If **severe weather threatens a portion of the electric system**, it may be necessary for PG&E to **turn off electricity in the interest of public safety**. This is called a Public Safety Power Shutoff.
- **Yog tias muaj cov huab cua phem heev ua teeb meem tsis zoo rau ib feem ntawm cov khoom khiav hluav taws xob**, nws yuav yog ib qho tsim nyog rau PG&E los **tua hluav taws xob txhawm rau kom muaj kev nyab xeeb rau zej tsoom**. Qhov no hu ua Kev Tua Hluav Taws Xob Txhawm Rau Kev Nyab Xeeb Ntawm Zej Tsoom.
- This year, PG&E is **improving our PSPS program** by making events **smaller in size, shorter in length and smarter for our customers**.
- Xyoo no, PG&E tab tom **txhim kho peb li tes dej num PSPS** yam tsim cov xwm txheej kom me zog tuaj ntawm qhov loj, kom luv zog tuaj ntawm qhov ntev thiab kom ntse zog tuaj rau peb cov neeg siv.
- The sole purpose of a PSPS is to **reduce the risk of major wildfires during severe weather**.
- Tib lub hom phiaj ntawm PSPS yog los **txo qhov kev phom sij ntawm cov hluav taws kub hav zoov loj nyob rau thaum huab cua tsis zoo heev**.
- With **more than half of the area where our customers live and work now at high risk for wildfires**, PSPS is an important tool for keeping customers and communities safe.
- Vim **muaj ntau dua ib nrab ntawm qhov cheeb tsam chaw uas peb cov neeg siv nyob thiab ua hauj lwm rau tam sim no muaj kev phom sij siab rau cov hluav taws kub hav zoov**, PSPS thiaj yog ib qho cuab yeej tseem ceeb rau kev hwj xwm cov neeg siv thiab cov zej zog kom nyab xeeb.
- 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.
- Peb paub tias kev tua hluav taws xob tuaj yeem **tiv thaiv tau hluav taws kub hav zoov, tiam sis kuj tseem tab kaum rau lub neej** thiab tuaj yeem muaj nws cov kev phom sij ntawm tus kheej, tswj xeeb yog rau cov neeg uas yuav tsum tau muaj hluav taws xob rau cov cuab yeej kho mob.
- That is why our **work this year is focused on reducing the impacts on our customers** without compromising safety.
- Vim li ntawd peb txoj **hauj lwm xyoo no thiaj tsom rau kev txo cov teeb meem cuam tshuam ntawm rau peb cov neeg siv** yam tsis ua zoo saib txog kev nyab xeeb.

Slide 8: What Weather Could Lead to a PSPS?

Slide 8: Yam Huab Cua Twg Thiaj Siv rau qhov PSPS?

- We carefully **review a combination of many criteria** when determining if power should be turned off for safety.
- Peb ua tib zoo **txheeb xyuas qhov kev sib xyaws ntxaws ntawm ntau tus qauv** thaum txiav txim tias puas yog tsim nyog tua hluav taws xob txhawm rau kev nyab xeeb.
- While **no single factor** drives a PSPS event, these factors generally include:
- Thaum **tsis yog tib qho laj thawj nkaus xwb** uas yuav los tswj qhov xwm txheej PSPS no, feem ntau lawm yuav tsum muaj cov laj thawj no nrog rau:
 - **A Red Flag Warning**
 - **Qhov Kev Ceeb Toom Chij Liab**
 - **Low humidity levels**
 - **Cov qib kev noo qis heev**
 - **Forecasted sustained winds**
 - **Tau tshaj qhia tias muaj cov cua loj heev nyob ncu ntev**
 - **Condition of dry fuel on the ground**
 - **Muaj teeb meem ntawm roj qhuav hauv av**
 - **On-the-ground, real-time observations**
 - **Muaj cov kev soj ntsuam qhov tseeb hauv av**

Slide 9: How Are We Improving For This Year?

Slide 9: Peb Yuav Txhim Kho Li Cas Nyob Rau Xyoo No?

- 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:
- Peb tab tom **mloog kev taw suab ntawm peb cov neeg siv txog txoj hauv kev uas peb yuav tuaj yeem ua kom zoo dua qub** yam thov cov lus qhia rov qab thiab coj mus ua raws li yam uas peb tau hnov. Xyoo no, peb tsum rau kev tsim cov xwm txheej PSPS:
 - **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.
 - **Kom me zog tuaj ntawm qhov loj:** Peb tab tom **hloov pauv peb cov khoom hluav taws xob** txhawm rau tiv thaiv hluav taws hav zoo thiab txo qhov loj ntawm cov xwm txheej PSPS yam tau li ib feem peb uas muab piv rau xyoo 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.
 - **Kom luv zog tuaj ntawm qhov ntev:** Peb tab tom nrhiav qhov los **txiav cov sij hawm rov qhib hluav taws xob kom luv tuaj li ib nrab** yog muab piv rau xyoo 2019 vim li ntawd peb thiaj rov qhib hluav taws xob tau nyob rau 12 teev nruab hnub tom qab cov huab cua phem dhau mus lawm.
 - **Smarter for customers:** We are **refining our weather models and providing better information and resources** to customers and communities.
 - **Kom ntse zog tuaj rau peb cov neeg siv:** Peb tab tom **kho peb cov qauv huab cua thiab muab cov ntaub ntawv thiab cov kev pab uas zoo dua qub** rau cov neeg siv thiab cov zej zog.

Slide 10: How Are We Improving For This Year? (cont.)

Slide 10: Peb Yuav Txhim Kho Li Cas Nyob Rau Xyoo No? (txuas ntxiv)

- Smaller in size:
- Kom me zog tuaj ntawm qhov loj:
 - **Installing more than 600 devices capable of re-directing power** and limiting the size of outages so fewer communities are without power.

- **Nruab ntau dua 600 qhov khoom siv uas muaj peev xwm rov tswj tau lub zog** thiab txwv ncuu loj me ntawm qhov kev tso tawm kom muaj tsawg lub zej zog uas yuav sis muaj hluav taws xob.
- **Installing microgrids that use generators to keep the lights on** for whole communities.
- **Nruab cov chaw tswj hluav taws xob uas siv cov tshuab hluav taws xob los tswj cov teeb kom cig** rau txhua lub zej zog.
- Conducting **targeted undergrounding** as part of system hardening.
- Nqis tes ua **cov kev cab hluav taws xob hauv av uas tau teev tseg** raws li ib feem ntawm kev kho cov khoom khiav hluav taws xob kom khov.

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

Slide 11: Peb Yuav Txhim Kho Li Cas Nyob Rau Xyoo No? (txuas ntxiv)

- Shorter in duration:
- Kom luv zog tuaj ntawm ncuu ntev:
 - Adding **more field crews** to speed inspection of lines
 - Ntxiv **cov neeg hauj lwm tom tshav puam** ntxiv txhawm rau kom kuaj xyuas tau ceev rau cov hlua hluav taws xob
 - Expanding **helicopter fleet** from 35 to 65 for aerial line inspections
 - Ntxiv **cov nyob hoom tshuab** ntawm 35 txog 65 txhawm rau kuaj xyuas cov ncej hluav taws xob siab
 - Commissioning two new **airplanes** for aerial line inspections
 - Cog lus ob **lub dav hlau** tshiab rau kev kuaj xyuas cov ncej hluav taws xob siab
 - Utilizing **infrared equipment** to inspect at night
 - Siv **cov cuab yeej tsom xyuas qhov kub (infrared)** los soj ntsuam nyob rau hmo ntuj

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

Slide 12: Peb Yuav Txhim Kho Li Cas Nyob Rau Xyoo No? (txuas ntxiv)

- Smarter for customers:
- Kom ntse zog tuaj rau peb cov neeg siv:
 - Provide more accurate/timely communications and additional resources:
 - Muab ntau cov kev sib tham thiab cov kev pab ntxiv raws qhov tseeb/raws sij hawm:
 - Enhancing **meteorology technology** to pinpoint severe weather
 - Txhawb **cov tswv yim qhia huab cua** los qhia txog cov huab cua phem
 - Bolstering **website capacity**
 - Txhawb tswj **lub peev xwm ntawm lub vev xaib**
 - Improving **customer alerts** and notifications
 - Txhim kho **cov kev ceeb toom** thiab cov kev tshaj qhia rau cov neeg siv
 - Upgrading **Community Resource Centers**
 - Hloov Kho **Cov Chaw Muab Kev Pab Cuam Hauv Zej Zog**
 - **Improving coordination** with local agencies and critical service providers
 - **Txhim kho txoj kev sib koom tes** nrog cov koom haum hauv zej zog thiab cov muab chaw kev pab cuam tseem ceeb
 - Deliver more assistance before, during and after a PSPS event:
 - Muab kev pab kom ntau ua ntej, thaum thiab tom qab qhov xwm txheej PSPS:
 - Working with the **California Foundation for Independent Living Centers** and other **Community Based Organizations** to support vulnerable customers
 - Ua hauj lwm nrog **Lub Koom Haum Pab rau Lub Neej Ywj Pheej ntawm California** thiab lwm **Cov Koom Hauv Hauv Zej Zog Uas Cuam Tshuam Txog** kom los txhawb cov neeg siv uas muaj kev phom sij

- Making it **easier for eligible customers to join and stay in the Medical Baseline program**
- Ua kom nws **yooj yim rau kev muaj cai ntawm cov neeg siv los koom thiab nyob hauv tes dej num Thawj Zeeg Ntawm Kev Kho Mob**
- Expanding **in-language communications**
- Nthuav **cov kev sib txuas lus uas siv hom lus**

Slide 13: Progress to Help Prevent Wildfires

Slide 13: Kev Txhim Kho los Pab Tiv Thav Hluav Taws Kub Hav Zoov

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

Slide 14: Txoj Kev Npaj Txo Hluav Taws Kub Hav Zoov Xyoo 2019 piv rau Xyoo 2020 ntawm Cov Qhov Ntau Tsawg

- We have provided details regarding the **work we conducted in 2019** and the **work we are targeting in 2020**.
- Peb tau muab cov ntsiab lus hais txog **txoj hauj lwm uas peb tau ua hauv 2019 thiab txoj hauj lwm uas peb tau teev tseg nyob rau xyoo 2020**.
- 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.
- Raws li qhov koj pom tau ntawd, peb tab tom **siv cov txheej xwm tam siv thiab nkag siab zoo los txhim kho peb cov cuab yeej tsim hluav taws xob, soj ntsuam cov teeb meem tsis zoo ntawm kev kub hnyiab** hauv lub sij hawm tseeb tiag thiab **teeb tsa cov qauv ntsuas** kev nyab xeeb hluav taws kub hav zoov tshiab thoob peb thaj chaw pab cuam.

Slide 15: Vegetation Management

Slide 15: Kev Tuav Tswj Tej Nroj Tsuag

- 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.
- Ntawm kev tawm tsam rau cov teeb meem tsis zoo ntawm hluav taws kub hav zoov uas loj tuaj ntawm, peb tau **nthuav dav thiab txhawb peb cov nroj tsuag thiab txoj hauj lwm kev nyab xeeb**. Qhov no suav nrog kev daws cov nroj tsuag uas muaj peev xwm ua rau muaj kev phom sij siab ntawm hluav taws kub hav zoov hauv cov chaw muaj teeb meem tsis zoo ntawm kev kub hnyiab loj.
- Our **Enhanced Vegetation Management** work includes the following:
- Peb txoj hauj lwm **Txhawb Kev Tuav Tswj Tej Nroj Tsuag** muaj xws li hauv qab no:
 - **Exceeding state standards** for minimum clearances around the power lines.
 - **Ua kom tshaj li lub xeev cov qauv** kev luaj tawm uas tsawg tshaj plaws ncig cov hlua hluav taws xob.
 - **Clearing to the sky the limbs and branches** that overhang the 4-foot clearance zone around the lines.
 - **Luaj cov ceg thiab tej ceg siab tuaj** uas tuaj khuam ze rau 4-fij ntawm cheeb tsam yuav tau luaj ncig cov hlua hluav taws xob.
 - **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.
 - **Ua raws cov qauv ntsuam xyuas kom tshem cov nroj tsuag muaj kev phom sij xws li cov ntoo tuag, muaj kab noj, qhuav los sis lwj** ua rau muaj kev phom sij siab rau cov hlua hluav taws xob los sis qhov khoom siv, ntxiv rau peb txoj lw mus ncig txhua hnuv.

- **Evaluating the condition of trees** that may need to be addressed if they are **tall enough to strike the lines or equipment**.
- **Kev ntau nqi xyuas qhov xwm txheej ntawm cov ntoo** uas yuav tau xav txog tias seb nws puas tau **siab txaus uas yuav los khuam rau cov hlua hluav taws xob los sis qhov khoom siv lawm**.

Slide 16: System Hardening and Resiliency

Slide 16: Kev Kho Cov Khoom Hluav Taws Xob Kom Khov thiab Ruaj

- As part of PG&E's efforts to prevent wildfires, we are **strengthening the electric system** to further reduce wildfire risk and better withstand severe weather.
- Ua ib feem ntawm PG&E qhov kev siv zog los tiv thaiv hluav taws kub hav zoov, peb tab tom **txhim kho cov khoom hluav taws xob kom khov** txhawm rau txo qhov kev phom sij ntawm hluav taws kub hav zoov thiab kom thev taus cov huab cua phem.
- We're hardening our infrastructure with **stronger poles, covered power lines and targeted undergrounding**.
- Peb tab tom kho peb cov cuab yeej tsim hluav taws xob kom khov yam siv **cov ncej muaj zog, cov hlua hluav taws xob uas qhwv zoo thiab cov kev cab hluav taws xob hauv av uas tau teev tseg**.
- 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:
- Txoj hauj lwm no yuav tau hloov hla deb li **7,100 mais ntawm kev rub cov xov hluav taws xob tawm nyob rau ob peb xyoos tom ntej no hauv cov cheeb tsam uas muaj teeb meem tsis zoo tshwm sim siab tshaj plaws**. Txoj hauj lwm kev kho cov khoom khiav hluav taws xob kom khov yuav:
 - Help **reduce the risk of wildfire** due to environmental factors.
 - Pab **txo kev phom sij ntawm hluav taws kub hav zoov** uas yog vim los ntawm cov laj thawj ib puag ncig.
 - **Enhance long-term safety**, especially during times of high fire-threat.
 - **Txhawb pab kev nyab xeeb mus ncuu ntev**, tshwj xeeb tshaj yog thaum lub sij hawm muaj cov teeb meem tsis zoo ntawm kev kub hnyiab siab.
 - Significantly **improve reliability during winter weather**.
 - Tseem ceeb los **txhim kho qhov kev kev ntseeg nyob tau thaum caij ntuaj no**.
- Our goal is to **harden approximately 240 distribution circuit miles in 2020**.
- Peb lub hom phiaj yog los **kho txoj kab hluav taws xob kom khov deb li 240 mais nyob rau hauv xyoo 2020**.

Slide 17: Inspection Plans

Slide 17: Cov Phiaj Xwm Kev Kuaj Xyuas

- 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.
- Peb **Tes Dej Num Kuaj Xyuas Cov Khoom Hluav Taws Xob** uas hloov **kho tshiab ntawd ntsuas tau peb cov cuab yeej tsim hluav taws xob** raws ib qauv los **nrhiav thiab kho cov kev phom sij uas tuaj yeem tshwm sim tau** kom muaj kev nyab xeeb thiab tso siab tau rau ntawm peb cov khoom hluav taws xob.
- Through the System Inspections Program, PG&E is **conducting safety inspections of distribution, transmission and substation equipment** throughout our service territory.
- Los ntawm **Tes Dej Num Kuaj Xyuas Cov Khoom Hluav Taws Xob**, PG&E tab tom **tsim cov kev kuaj xyuas kev nyab xeeb ntawm cov cuab yeej rub hluav taws xob, xa hluav taws xob thiab hauv chaw tsim hluav taws xob** thoob plaws peb thaj chaw pab cuam.
- Continuing in 2020, we are **accelerating our inspection cycles beyond compliance**

regulations to align with wildfire risk.

- Txuas ntxiv rau xyoo 2020, peb tab tom **kho peb cov kev kuaj xyuas puag ntsig raws cai tswj cov khoom siv** kom tuav tswj tau kev phom sij ntawm hluav taws kub hav zoov.
- 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.
- **Peb tab tom muab hauj lwm rau hauv thaj chaw uas muaj kev phom sij heev (Tier 3) thiab nce siab (Tier 2) qhov phom sij ntawm kev kub hnyiab** raws li tau txhais los ntawm California Public Utilities Commission (CPUC) Lub Chaw Muaj Hluav Taws Kub Loj.
- **Electric infrastructure in Tier 3 and Tier 2 areas will be evaluated more frequently**, while infrastructure in non-high fire-threat areas will be inspected at least every six years.
- **Cov cuab yeej tsim hluav taws xob hauv cheeb tsam Qib 3 thiab Qib 2 yuav raug tshuaj xyuas ntau dua**, thaum qhov cuab yeej tsim hluav taws xob nyob rau cov cheeb tsam uas tsis muaj teeb meem tsis zoo txog kev kub hnyiab siab yuav raug kuaj xyuas yam tsawg kawg yog txhua rau xyoo.
- In 2020, we plan to inspect **more than 15,000 miles** of electric lines.
- Ntawm xyoo 2020, peb npaj los kuaj xyuas **ntau dua 15,000 mais** ntawm cov hlua hluav taws xob.
 - We will inspect **all lines in Tier 3 areas** and **one-third of all lines in Tier 2 areas**.
 - Peb yuav kuaj **txhua txoj hlua hluav taws xob hauv cheeb tsam Qib 3 thiab ib feem peb ntawm txhua txoj hlua hluav taws xob huav cheeb tsam Qib 2**.
- All of the **highest-priority conditions** found through inspections will be **promptly repaired or made safe**.
- Txhua qhov ntawm **cov teeb meem tseem ceeb-loj uas tau nrhiav pom** raws cov kev kuaj ntawd yuav raug **kho kom sai li sai tau los sis tsim kev muaj kev nyab xeeb**.

Slide 18: Preparing for Public Safety Power Shutoffs

Slide 18: Kev Npaj rau Cov Kev Tua Hluav Taws Xob Txawm Rau Kev Nyab Xeeb Ntawm Zej Tsoom

Slide 19: Advance PSPS Alerts for Customers

Slide 19: PSPS Cov Kev Ceeb Toom Kom Paub Ua Ntej rau Cov Neeg Siv

- We will provide **alerts to customers in advance of a PSPS**.
- Peb yuav muab **cov kev ceeb toom kom paub ua ntej rau cov neeg siv ntawm 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**.
- Peb lub hom phiaj, nce raws cov huab cua, uas yog los xa cov kev ceeb toom rau cov neeg siv li **ob hnuv ua ntej, ib hnuv ua ntej thiab tsuas yog ua ntej tua hluav taws xob raws cov kev hu xov tooj, cov kev xa ntawv thiab cov kev xa email tam sim ntawd**.
 - Customers will also be **notified when their power has been restored**.
 - Cov neeg siv kuj tseem yuav **tau txais kev ceeb toom thaum lawv uas lawv cov hluav taws xob yuav rov qhib tuaj**.
- 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.
- Xyoo no, peb tab tom hloov kho peb cov kev ceeb toom rau cov neeg siv txhawm rau **muab ntau cov ntsiab lus uas yooj yim dua qub – xws li muaj lub qhov rais ua hauj lwm txog ntawm lub sij hawm khwv yees los tua thiab rov qhib** – txog yam uas ntaus nqi tau thaum muaj cov xwm txheej PSPS.
- We will also provide updates on **pge.com/pspsupdates** and through **social media channels, local news and radio outlets**.

- Peb tseem yuav muab cov xov xwm tshiab rau ntawm pge.com/pspupdates thiab raws cov channel xov xwm xov tooj, cov xov xwm hauv zos thiab xov tooj cua.

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

Slide 20: PG&E Yuav Txhim Kho Cov Sij Hawm Rov Qhib Hluav Taws Xob Tuaj Li Cas?

- **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**.
- **Tom qab cov huab cua phem tau dhau los thiab nws muaj kev nyab xeeb lawm**, peb cov neeg ua hauj lwm yuav **kuaj xyuas seb puas muaj kev pim sij txhawm rau kom paub meej tias cov hlua hluav taws xob muaj kev nyab xeeb cov kab kom muaj zog**.
- 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.
- Xyoo no, **peb tab tom nriav qhov los txiav cov sij hawm rov qhib hluav taws xob kom luv tuaj li ib nrab vim li ntawd peb thiaj rov qhib hluav taws xob tau nyob rau 12 teev nruab hnub** tom qab cov huab cua phem dhau mus lawm.
 - **Nearly doubling our exclusive-use helicopter fleet** during events from 35 to 65.
 - **Yuav luag li ob npaug rau peb qhov kev siv nyoob hoom tshuab** thaum cov xwm txheej li ntawm 35 txog 65.
 - **Using two airplanes with infrared cameras** capable of inspecting transmission lines at night.
 - **Siv ob lub dav hlau nrog cov koob yees duab uas muaj peev xwm tsom xyuas qhov kub (infrared)** ntawm kuaj xyuas cov hlua xa hluav taws xob thaum hmo ntuj.
 - **Adding more field crews** to speed up inspections.
 - **Ntxiv cov neeg hauj lwm hauv chaw** ntxiv txhawm rau kom kuaj xyuas tau ceev tuaj.
 - **Utilizing mutual assistance from other utility companies** to support PSPS restoration inspections, when needed.
 - **Siv kev sib nrig sib pab ntawm lwm cov tuam txhab tsim hluav taws xob los txhawb PSPS cov kev kuaj xyuas rov qhib hluav taws xob tuaj**, thaum xav tau.

Slide 21: Community Resource Centers (CRCs)

Slide 21: Cov Chaw Pab Cuam Hauv Zej Zog (Community Resource Centers, CRCs)

- During a PSPS event, PG&E will open **Community Resource Centers (CRCs) where community members can access resources**.
- Thaum qhov xwm txheej PSPS ntawd, PG&E yuav qhib **Lub Cov Chaw Pab Cuam Hauv Zej Zog (CRCs) uas cov tswv cuab hauv zej zog tuaj yeem mus siv tau rau cov chaw pab cuam ntawd**.
- 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**.
- Peb lub hom phiaj yuav raug teeb tsa thiab qhib CRC **kom sai li sai tau tom qab pib xwm txheej PSPS** tau rag tshaj qhia dhau mus **ntev dua 24 teev**.
- **Location and hours of operation** will be posted on pge.com/pspupdates. We will also reach out to customers in affected communities via social media, local news and radio.
- **Cov chaw thiab cov teev sij hawm ntawm kev khiav hauj lwm** yuav tau tshaj tawm ntawm pge.com/pspupdates. Peb kuj tseem yuav ncav ncuag rau cov neeg siv hauv cov zej zog uas muaj teeb meem raws cov xov xwm xov tooj, xov xwm hauv zos thiab xov tooj cua.
- **PLEASE NOTE:** PG&E is adapting our approach to CRCs to reflect appropriate COVID-19 public health considerations.

- **THOV NCO CIM TSEG:** PG&E tab tom hloov pauv peb txoj hauj lwm rau CRCs kom phim raws li kev tsim nyog ntawm kab mob COVID-19 ntawm kev txiav txim siab kev noj qab haus huv rau zej tsoom.
 - 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.
 - Peb tab tom npaj muab **cov CRCs me** (qhib hua cuab ntawm cov tsev kaus me ntsis) thiab **cov CRC raws xov tooj** (cov tsheb tub) los **ntxiv cov CRC kom khov yog tias nyob twj ywm hauv tsev thiab tswj raws cov ncua kev sib nrug rau hauv cov xwm txheej PSPS.**

Slide 22: Additional Support For People With Disabilities And Older Adults

Slide 22: Cov Kev Txhawb Pab Ntxiv rau Cov Neeg Xiam Oob Qhab thiab Cov Neeg Laus

- We are funding the **California Foundation for Independent Living Centers, or CFILC**, to assist the **Access and Functional Needs, or AFN, population.**
- Peb tau pab nyiaj rau **Cub Koom Haum Pab rau Lub Neeg Ywj Pheej ntawm California, los sis CFILC**, los pab rau **Txoj Kev Nkag thiab Muaj Peev Rau Cov Kev Xav Tau, los sis AFN, ntawm cov pej xeem.**
- The pilot program, **Disaster Access and Resources Program**, provides qualifying customers who use electrical medical devices **access backup portable batteries.**
- Cov phiaj xwm kev sim, **Tes Dej Num Nag Tau Rau Kev Kub Ntxov thiab Cov Chaw Pab Cuam Nyiaj Txiag**, muab cov neeg siv uas tsim nyog siv cov cuab yeej kho mob hluav taws xob **kom nkag mus rau cov chaw xaj roj cia.**
- The program will also provide transportation resources, assistive communication equipment, hotel and food vouchers, emergency planning and education and Medical Baseline program enrollment assistance.
- Tes dej num no tseem yuav muab cov khoom siv thauj mus los, cov khoom siv sib txuas lus, tsev so thiab vouchers, npaj xwm ceev thiab kev kawm thiab tes dej num Thawj Zeeg Ntawm Kev Kho Mob rau kev rau npe txhawb pab.
- **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.
- **Kev tshaj tawm xov xwm, tshaj tawm hauv xov tooj cua thiab tshaj tawm peb lub network ntawm cov CBO** tseem yuav siv los sib txuas lus nrog cov neeg siv uas vam khom lub zog rau kev kho mob thiab kev nyob ywj pheej thaum muaj peev xwm thaum muaj xwm txheej.
- We encourage customers interested in the pilot program to **visit disabilitydisasteraccess.org** for more information.
- Peb xav kom cov neeg siv khoom txaus siab nyob hauv qhov kev sim tes dej num **mus saib ntawm [Disdisasteraccess.org](https://disabilitydisasteraccess.org)** kom paub ntxiv.

Slide 23: Where To Go For Additional Information

Slide 23: Qhov Chaw Paub Ntau Ntxiv Uas Yuav Mus Rau

- To make sure **you/customers** receive alerts regarding potential safety outages in your/their community, **update the contact information** PG&E has on file.
- Yuav kom ntseeg tau tias **koj/cov neeg siv** tau txais **kev ceeb toom txog kev tua hluav taws xob kom muaj kev nyab xeeb** nyob hauv koj li/lawv li zej zog, **hloov cov ntaub ntawv tiv toj** PG&E uas muaj ntawm cov ntaub ntawv no.
- We have also made **additional wildfire preparedness tools** available online including:
- Peb kuj tau tsim **cov cuab yeej npaj tau rau hluav taws hav zoov ntxiv** uas sib tau hauv online xws li:

- Weather and PSPS Forecasting Webpage
- Nplooj Vev Tshaj Qhia Haub Cua thiab PSPS
- Backup Power Webpage
- Nplooj Vev Los Pab Khaws Cov Hluav Taws Xob
- Safety Action Center
- Lub Chaw Tswj Kev Nyab Xeeb
- Medical Baseline
- Thawj Zeeg Ntawm Kev Kho Mob
- “Prepare for Power Down” Website
- Nplooj Veev “Npaj rau Hluav Taws Xob Tuag”

Slide 24: Thank You

Slide 24: Ua Tsaug

- 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**.
- Thov qhia cov neeg siv ncaj qha nrog/Yog tias koj muaj lus nug dab tsi, lawv/koj tuaj yeem hu rau peb ntawm **1-866-743-6589** los sis xa email rau **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.
- Cov neeg siv/Koj tuaj yeem mus saib peb lub vev xaib uas tau rau siab ntawm **pge.com/wildfiresafety** txhawm rau cov ntaub ntawv ntau ntxiv ntawm peb qhov sib zog pab kev nyab xeeb ntawm hluav taws hav zoov thiab cov lus qhia ntxiv los pab npaj rau huab cua phem thiab thaum uas muaj hluav taws xob tuag.