



RICAPS

Regionally Integrated Climate Action Planning Suite

Multi-city Working Group
July 23, 2019

RICAPS technical assistance is available through the San Mateo County Energy Watch program, which is funded by California utility customers, administered by Pacific Gas and Electric Company (PG&E) under the auspices of the California Public Utilities Commission and with matching funds provided by C/CAG.

Agenda

- PG&E Public Safety Power Shutoffs (PSPS)
- Resilience in Public Buildings
- Resilient Solar on Public Facilities and Faith Institutions
- Discussion: PSPS Preparedness
- Preview: July 31 Climate Ready Collaborative Convening
- Update: C/CAG's Energy & Water Strategy
- Poll & Discussion: CAP update strategies
- Sustainability Ideas Bank

Introductions

- Name
- Organization
- Upcoming training or conference you're attending
 - California Climate Action Conference in SLO Aug. 15 & 16?

Community Wildfire Safety Program

Regionally Integrated Climate Action Planning Suite

July 23, 2019



Together, Building
a Better California

Community Wildfire Safety Program



REAL-TIME MONITORING AND INTELLIGENCE

- Coordinating prevention and response efforts by monitoring wildfire risks in real time from our **Wildfire Safety Operations Center**
- **Expanding our network of PG&E weather stations** to enhance weather forecasting and modeling
- Supporting the **installation of new high-definition cameras** in high fire-threat areas



NEW AND ENHANCED SAFETY MEASURES

- Further enhancing vegetation management efforts to **increase focus on vegetation that poses a higher potential for wildfire risk**
- **Conducting accelerated safety inspections** of electric infrastructure in high fire-threat areas
- **Disabling automatic reclosing of circuit breakers and reclosers** in high fire-risk areas during wildfire season
- **Proactively turning off electric power for safety (Public Safety Power Shutoff)** when gusty winds and dry conditions combine with a heightened fire risk

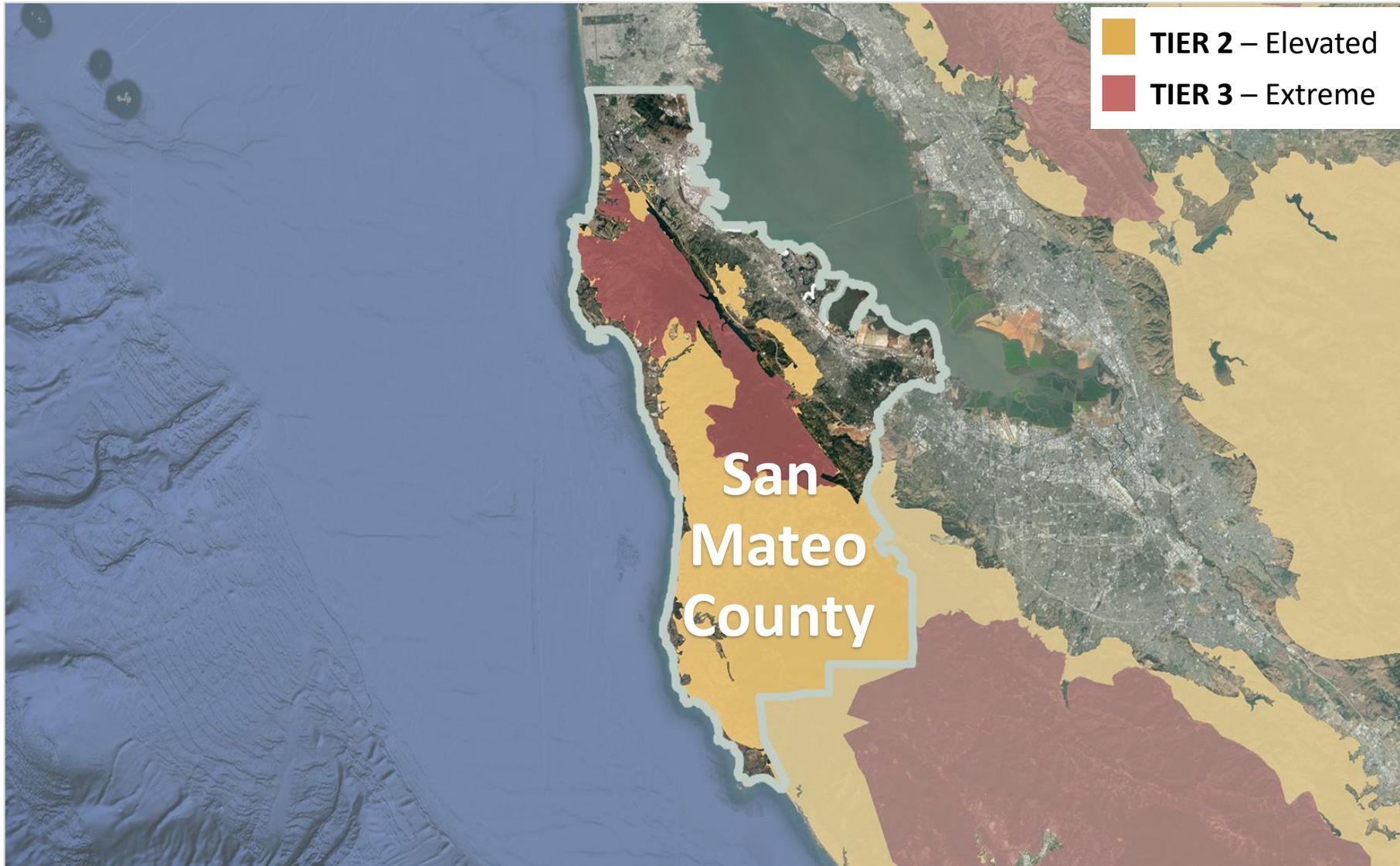


SYSTEM HARDENING AND RESILIENCY

- Installing **stronger and more resilient poles and covered power lines**, along with **targeted undergrounding**
- **Upgrading and replacing electric equipment and infrastructure** to further reduce wildfire risks
- **Working with communities to develop new resilience zones** to provide electricity to central community resources during a Public Safety Power Shutoff event



CPUC High Fire-Threat District Map San Mateo County





Real-Time Monitoring and Intelligence

MONITORING wildfire risks in real time from our
24/7 Wildfire Safety Operations Center
and coordinating **prevention and response efforts**

INSTALLING
~1,300 new weather stations by 2022

Data available at mesowest.utah.edu

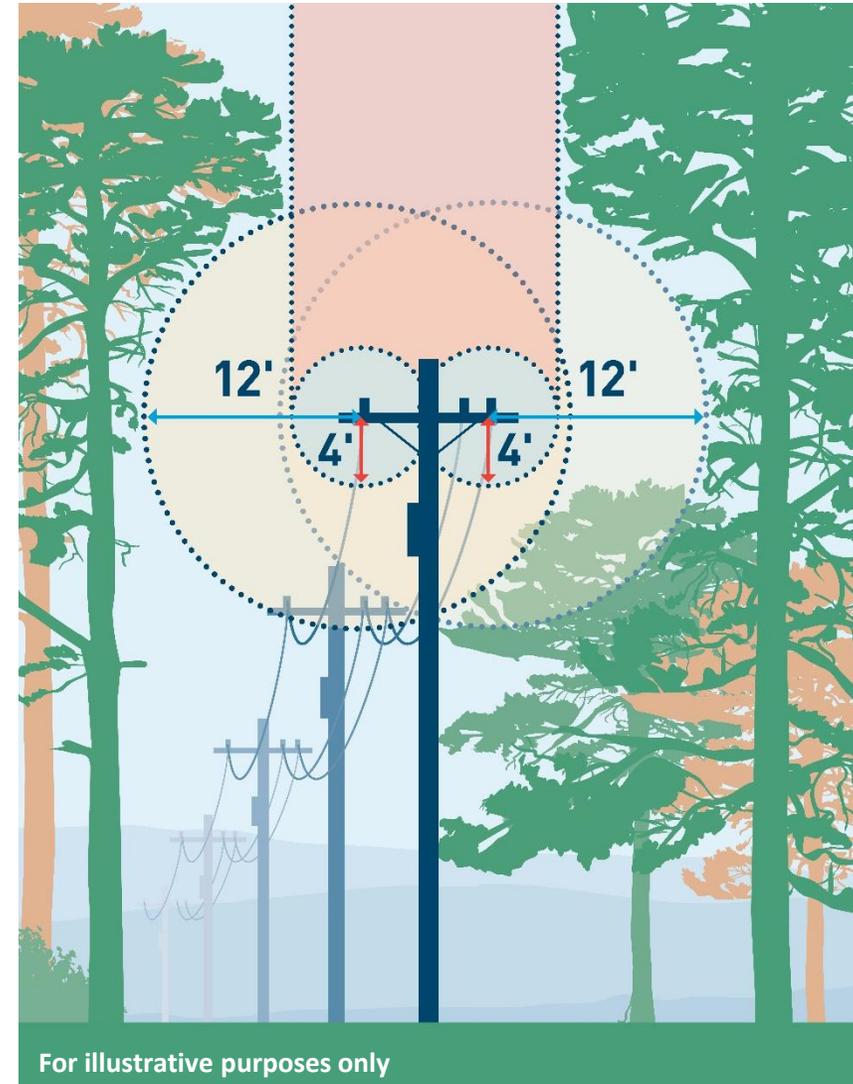
SUPPORTING the installation of
~600 high-definition cameras by 2022
Images available at alertwildfire.org



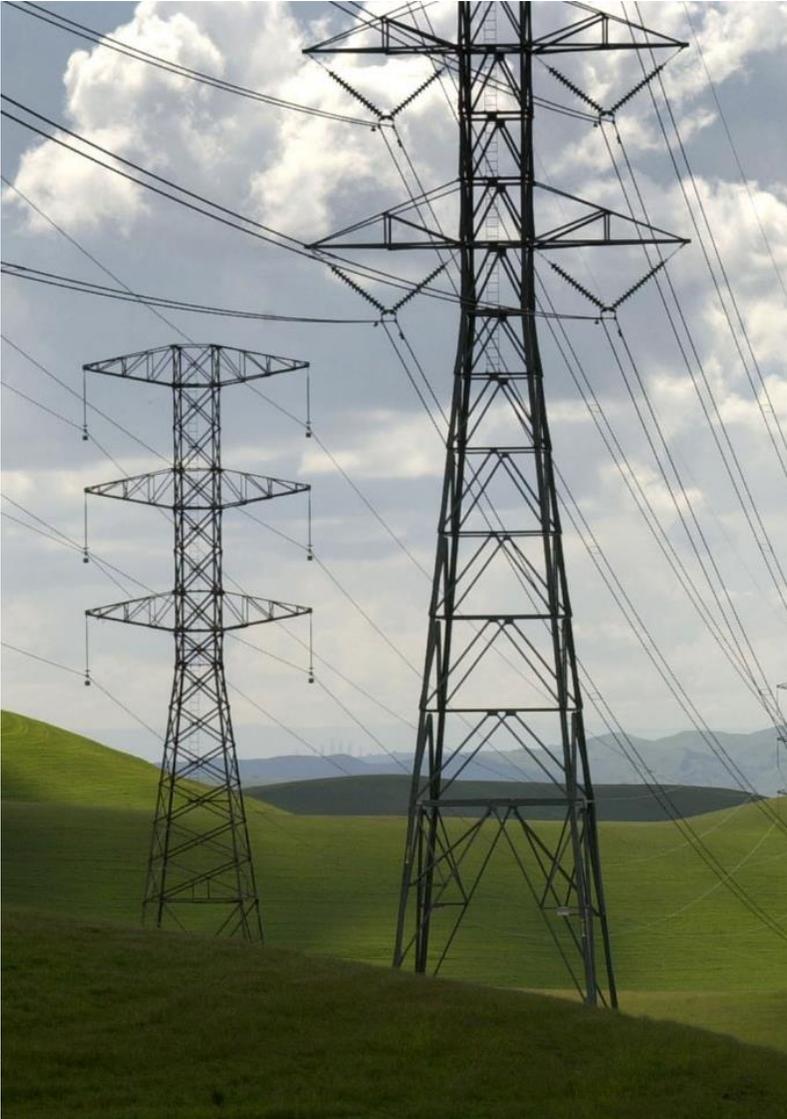
Enhanced Vegetation Management

We are **expanding and enhancing our Vegetation Management program** to further reduce wildfire risk

- Our enhanced vegetation management work includes the following:
 - ✓ **Meeting and exceeding state standards** for minimum clearances around the power line
 - ✓ **Addressing overhanging limbs and branches** directly above and around the lines
 - ✓ **Removing dead and dying trees** as well as specific tree species that have more frequently fallen into PG&E lines and caused an ignition
- We are working to complete this important safety work **in high fire-threat areas** over the next several years



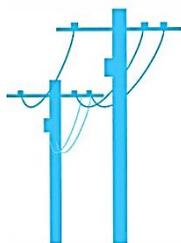
Wildfire Safety Inspections



As part of our enhanced wildfire safety efforts, implemented following the 2017 and 2018 wildfires as additional precautionary measures intended to further reduce wildfire risks, **we are conducting accelerated safety inspections of electric infrastructure in areas of higher wildfire risk (Tier 2 and Tier 3).**

- **We are conducting comprehensive inspections of electric towers and poles** through visual and aerial inspections.
- This work is being done as part of our Community Wildfire Safety Program, and is **in addition to our routine inspections and maintenance** programs.
- We are inspecting **substations and transmission and distribution lines** in high fire-threat areas.

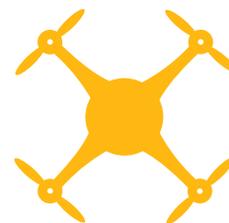
Inspections Overview



Accelerated inspections of transmission and distribution poles and towers as well as substations in high fire-threat areas



Visual inspections (ground and/or climbing) performed by crews of up to four people



Aerial inspections by drones to complement and further enhance inspections



Helicopters for inspections and to deliver crews to remote locations

We are taking action right away to address any immediate risk to public safety found during the accelerated inspections

Electric System Maintenance and Repairs

We will **evaluate inspection results to determine repair needs and associated timing**. If any issues are found during the accelerated inspections that pose an immediate risk to public safety, **we are taking action right away to address the issue**.



- When inspections determine that repairs are needed, but **there is not an immediate safety risk, we will follow our preventative maintenance procedures, consistent with state guidelines** for high fire-threat areas.
- **Repairs will depend on what we observe in the field but could range** from installing new signs or electrical components to replacing poles or towers.
- Where possible, **we will bundle work to minimize customer impact**, particularly if we need to de-energize the line to safely complete the repairs.

Installing stronger and more resilient poles and covered power lines across approximately 7,100 line miles of highest fire-risk areas

.....

Replacing equipment to further reduce risk to our system and tailoring upgrades based on terrain and weather conditions using more granular analysis of fire-prone regions

.....

Piloting new resilience zones to allow PG&E to provide electricity to central community resources serving local customers during a Public Safety Power Shutoff (PSPS) event



Additional Safety Measures

To further reduce the risk of wildfires, we are **disabling automatic reclosing of circuit breakers and reclosers** on lines in high fire-risk areas during wildfire season.

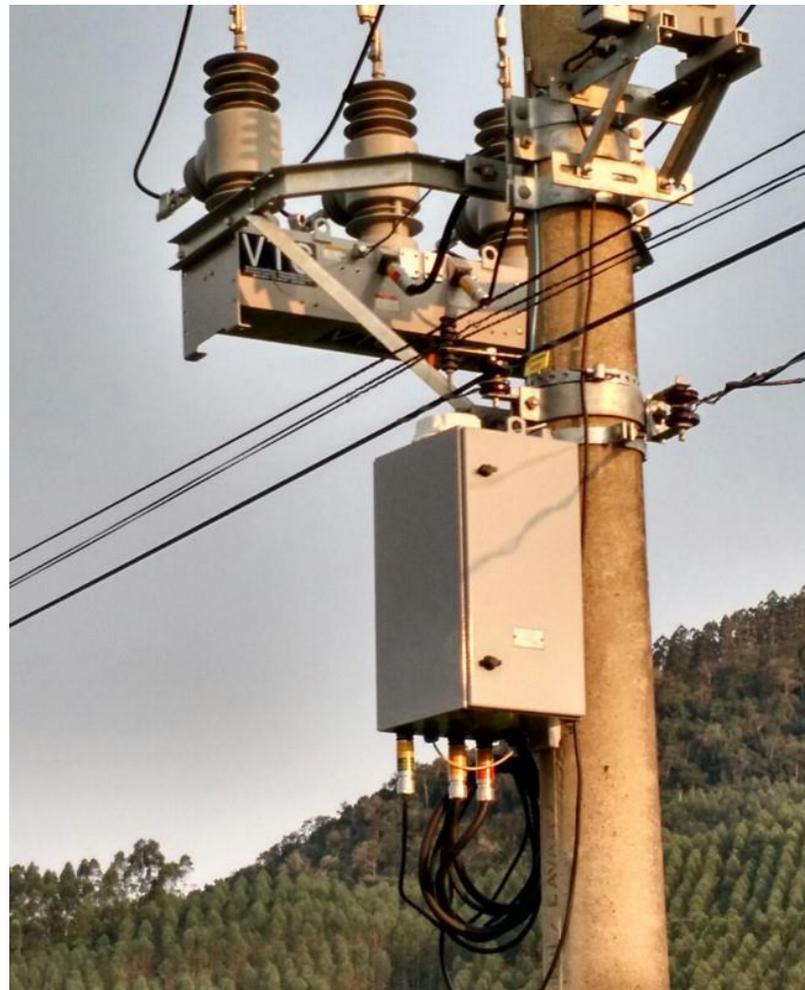
Where we have remote control capability, we **disable reclosing based on a daily decision-making process during times of elevated risk.**

ENABLED

450 reclosing devices with remote capabilities in **2018**

WORKING to enable nearly

300 additional reclosing devices with remote capabilities in advance of the **2019 wildfire season**



The ***Power of Being Prepared*** statewide campaign is being led jointly by SDG&E, SCE and PG&E at the direction of the California Public Utilities Commission.

- The multimedia and multilingual campaign includes:
 - ✓ Radio ads
 - ✓ Preparedness resources
 - ✓ Videos
 - ✓ New website
- It is a call to action for all Californians to take important steps to get ready before the 2019 wildfire season, such as creating an emergency plan and updating their contact information with their energy companies.

THE POWER OF BEING PREPARED

PUBLIC SAFETY POWER SHUTOFF Visit PREPAREFORPOWERDOWN.COM today to learn more about the power of being prepared.

THE THREATS OF WILDFIRE AND EXTREME WEATHER IN CALIFORNIA ARE REAL. As a result, California's three largest energy companies, at the direction of the California Public Utilities Commission (CPUC), are coordinating to prepare all Californians for the threat of wildfires and power outages during times of extreme weather. To help protect customers and communities during extreme weather events, electric power may be shut off for public safety in an effort to prevent a wildfire. This is called a **Public Safety Power Shutoff**.

Shutting Off Power for Safety

As a safety precaution, San Diego Gas & Electric (SDG&E), Southern California Edison (SCE) and Pacific Gas and Electric (PG&E) monitor local fire danger and extreme weather conditions across California and evaluate whether to turn off electric power. The decision and action to turn off power is made by each individual energy company and is based on a combination of factors. **Factors include, but are not limited to:**

HIGH WINDS
(including Red Flag warnings)

LOW HUMIDITY

DRY VEGETATION
that could serve as fuel

FIRE THREAT
to electric infrastructure

ON-THE-GROUND
OBSERVATIONS

PUBLIC SAFETY
RISK

What You Can Expect

If a Public Safety Power Shutoff is needed due to extreme conditions, you can expect:

- **Early Warning Notification** – Your energy company will aim to send customer alerts before shutting off power.
- **Ongoing Updates** – Your energy company will provide ongoing updates through social media, local news outlets and their website.
- **Safety Inspections** – After extreme weather has passed, your energy company will inspect the lines in affected areas before power is safely restored.
- **Power Restoration** – Power outages could last multiple days depending on the severity of the weather and other factors. It is important that you and your family have an emergency preparedness plan in place.

[SEE THE OTHER SIDE FOR SAFETY TIPS](#)

PREPAREFORPOWERDOWN.COM provides a variety of resources, including tips for preparing for extreme weather, wildfires and Public Safety Power Shutoffs. An emergency preparedness checklist and additional resources are available on the reverse side of this fact sheet.

Public Safety Power Shutoff (PSPS)

We **monitor conditions** across our system and evaluate whether to proactively turn off electric lines for safety **when gusty winds and dry conditions combine with a heightened fire risk.**

While no single factor will drive a Public Safety Power Shutoff, some factors include:



A RED FLAG WARNING

declared by the National Weather Service



LOW HUMIDITY LEVELS

generally 20% and below



FORECASTED SUSTAINED WINDS GENERALLY ABOVE 25 MPH AND WIND GUSTS IN EXCESS OF APPROXIMATELY 45 MPH,

depending on location and site-specific conditions such as temperature, terrain and local climate



CONDITION OF DRY FUEL

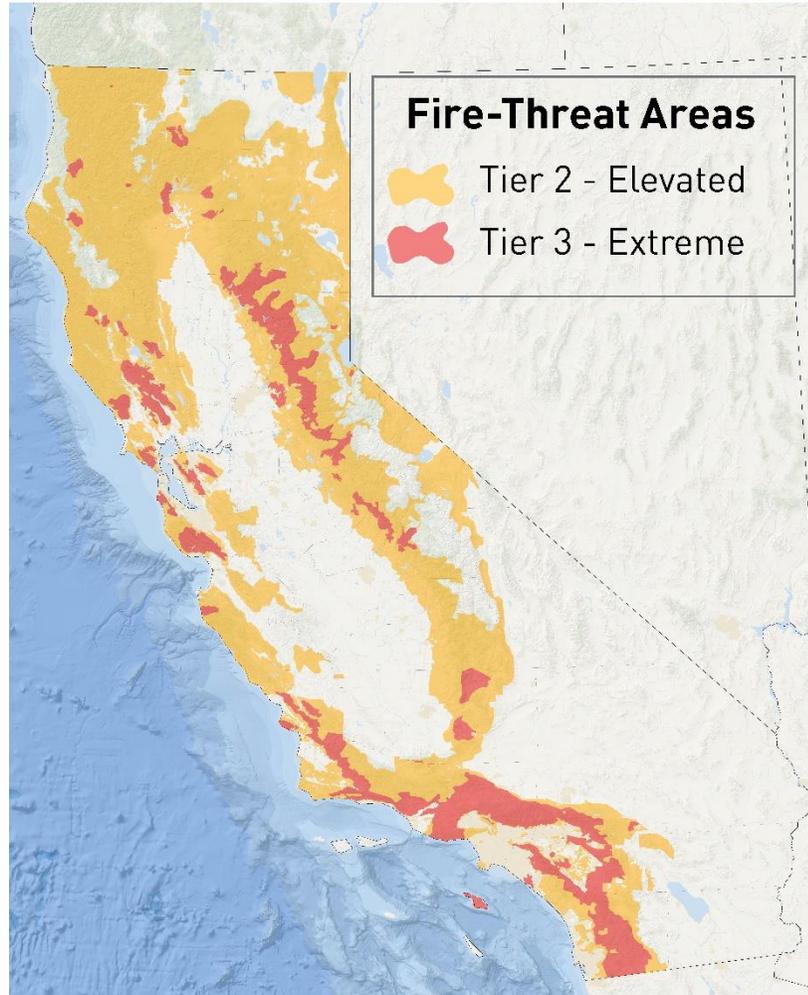
on the ground and live vegetation (moisture content)



ON-THE-GROUND, REAL-TIME OBSERVATIONS

from PG&E's Wildfire Safety Operations Center and field observations from PG&E crews

Public Safety Power Shutoff (PSPS)



Source: California Public Utilities Commission

- Beginning with the 2019 wildfire season, we are expanding our Public Safety Power Shutoff program to include **all electric lines that pass through high fire-threat areas – both distribution and transmission.**
- The most likely electric lines to be considered for shutting off for safety will be those that pass through **areas that have been designated by the CPUC as at elevated (Tier 2) or extreme (Tier 3) risk for wildfire.**
- Because the energy system **relies on power lines working together** to provide electricity, **any of PG&E's more than 5 million electric customers could have their power shut off.**

PSPS Event Notifications

Extreme weather threats can change quickly. **Our goal, dependent on weather, is to provide customers with advance notice prior to turning off power.** We will also provide updates until power is restored.

Timing of Notifications (when possible)

- **~48 HOURS** before electricity is turned off
- **~24 HOURS** before electricity is turned off
- **JUST BEFORE** electricity is turned off
- **DURING THE PUBLIC SAFETY OUTAGE**
- **ONCE POWER HAS BEEN RESTORED**



City/County/Agency Notifications

We will make every attempt to provide notice in advance of notifying customers through:

- **Phone calls/emails** to primary contacts
- **Automated notifications** to send alerts through multiple channels
- **Provide customer alerts** to share via channels, such as city or county website, Nixle, Nextdoor and Reverse 911

Customer Notifications

We will attempt to reach customers through **calls, texts and emails**. We will also use **social media** and keep **local news** and **radio outlets** informed and updated.

Working to Restore Power

We will only restore power when we are certain it is safe to do so. We expect to be able to visually inspect the system for damage and restore power to most of our customers within 24 to 48 hours after extreme weather has passed.



WEATHER ALL CLEAR

After the extreme weather has passed and it's safe to do so, our crews begin **patrols and inspections.**



PATROL & INSPECT

Crews **visually inspect** our electric system to **look for potential weather-related damage to the lines, poles and towers.** This is done by vehicle, foot and air during daylight hours.



ISOLATE & REPAIR DAMAGE

Where damage is found, **crews work to isolate the area** so other parts of the system can be restored. Crews work **safely and as quickly as possible** to make repairs.



RESTORE POWER

Once it is safe to energize, **a call is made to the PG&E Control Center** to complete the energization process. **Power is then restored to customers.**



NOTIFY CUSTOMERS

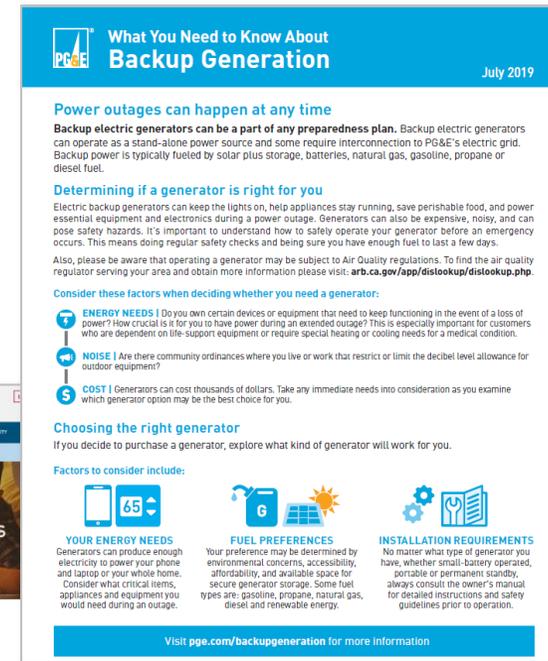
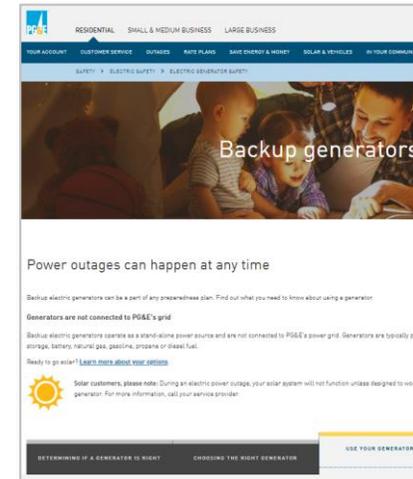
Customers are **notified that power has been restored.**

Because extreme weather can last several hours or days, for planning purposes, we suggest customers prepare for outages that could last longer than 48 hours.

We are providing resources to help customers determine if generators are right for them as part of their preparedness plan. This includes:

A **dedicated website** and **fact sheet** that include:

- ✔ **Tips for assessing energy needs** and choosing the right generator for customers' homes and/or businesses
- ✔ **Guidance for how to safely use** portable and permanent stand-by generators
- ✔ **A marketplace to search all major retailers** and find energy efficient products
- ✔ **Financing options** including a list of available resources



pge.com/backupgeneration

Working With Our Customers to Prepare



Reaching out to **approximately 5 million customers** and asking them to update their contact info at [pge.com/mywildfirealerts](https://www.pge.com/mywildfirealerts)



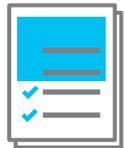
Holding **answer centers and open houses** (as needed) in advance of and during wildfire season



Mailing **postcards to customers that do not have contact information on file**



Providing **tenant education kits** to Master Meter customers



Conducting **additional outreach to customers in high fire-threat areas** through direct mail, preparedness checklist and email campaign



Placing calls and doing **additional outreach to Medical Baseline and Medical Baseline-eligible customers** in high fire-threat areas



Launching **broad public safety advertising campaign**



Continuing to share information through [pge.com/wildfiresafety](https://www.pge.com/wildfiresafety)



Partnering with **community leaders, first responders and public safety authorities** around PSPS preparedness and coordination



Engaging with **organizations for our customers who have specific needs** to explore ways we can partner

We welcome your feedback and input

For questions regarding PG&E's Community Wildfire Safety Program, please direct customers with questions to:

- Call us at **1-866-743-6589**
- Email us at **wildfiresafety@pge.com**
- Visit **pge.com/wildfiresafety**

**WE'LL BE IN YOUR COMMUNITY
WORKING TO REDUCE WILDFIRE THREATS.**

- ACCELERATED SAFETY INSPECTIONS** (Icon: clipboard with checkmark)
- ENHANCED VEGETATION WORK** (Icon: trees and utility pole)
- REAL-TIME MONITORING OF FIRE CONDITIONS** (Icon: gauge with needle)

Visit pge.com/wildfiresafety for more information and steps you can take to prepare for the growing threat of wildfires.

Wildfire safety

Do we have your current phone number and email address? [Update now](#)

Before, during and after a wildfire

Three essential resources that offer our customer comprehensive support before, during and after a wildfire.

- PG&E's operational and preparation**
- Community Wildfire Safety Program**
- Things you can do to help**

Public Safety Power Shutoff (PSPS)

Before, during and after a Public Safety Power Shutoff

As part of our Community Wildfire Safety Program (CWSP), we're implementing additional measures to reduce or eliminate the risk of wildfires. The public safety power shutoff is necessary to reduce or eliminate the risk of wildfires during extreme fire conditions. It is a safety "Public Safety Power Shutoff."

WHAT IS PUBLIC SAFETY POWER SHUTOFF?

PG&E's Public Safety Power Shutoff program is designed to reduce the risk of wildfires during extreme fire conditions. It is a safety "Public Safety Power Shutoff."

WHY IS PUBLIC SAFETY POWER SHUTOFF NECESSARY?

Public safety power shutoff is necessary to reduce the risk of wildfires during extreme fire conditions. It is a safety "Public Safety Power Shutoff."

HOW WILL PG&E DETERMINE THE NEED TO TURN OFF POWER FOR SAFETY?

**SAFETY ALERT.
WHY PG&E MIGHT
TURN OFF POWER DURING
EXTREME FIRE THREAT**

FIRE DANGER TODAY

LOW MODERATE HIGH VERY HIGH EXTREME

To address growing wildfire threats and do an additional set of safety measures, PG&E is asking our customers to make a plan to turn off their power during a public safety power shutoff. As part of our plan we are asking our customers to know that if extreme fire danger conditions exist it may be necessary, as a last resort, for us to temporarily turn off power to our customers.

We are calling this new safety step "Public Safety Power Shutoff (PSPS)" and there will be many times to consider before PG&E takes this step. The following information will help our customers understand the need for this step.

- Extreme weather conditions characterized by low humidity, winds and sustained high temperatures.
- A Red Flag Warning is declared by the National Weather Service.
- During the preparation that could occur on the fire front.

Now, and in the past, we've worked together to help better prepare for wildfires. Keeping our customers and communities safe must always be our top priority. Sign up at pge.com/wildfiresafety to be notified when PG&E is considering turning off the power.

To receive important safety alerts, sign up at pge.com/wildfiresafety.

Resilience in Public Buildings

Matt Henigan

Deputy Secretary for Sustainability

Government Operations Agency

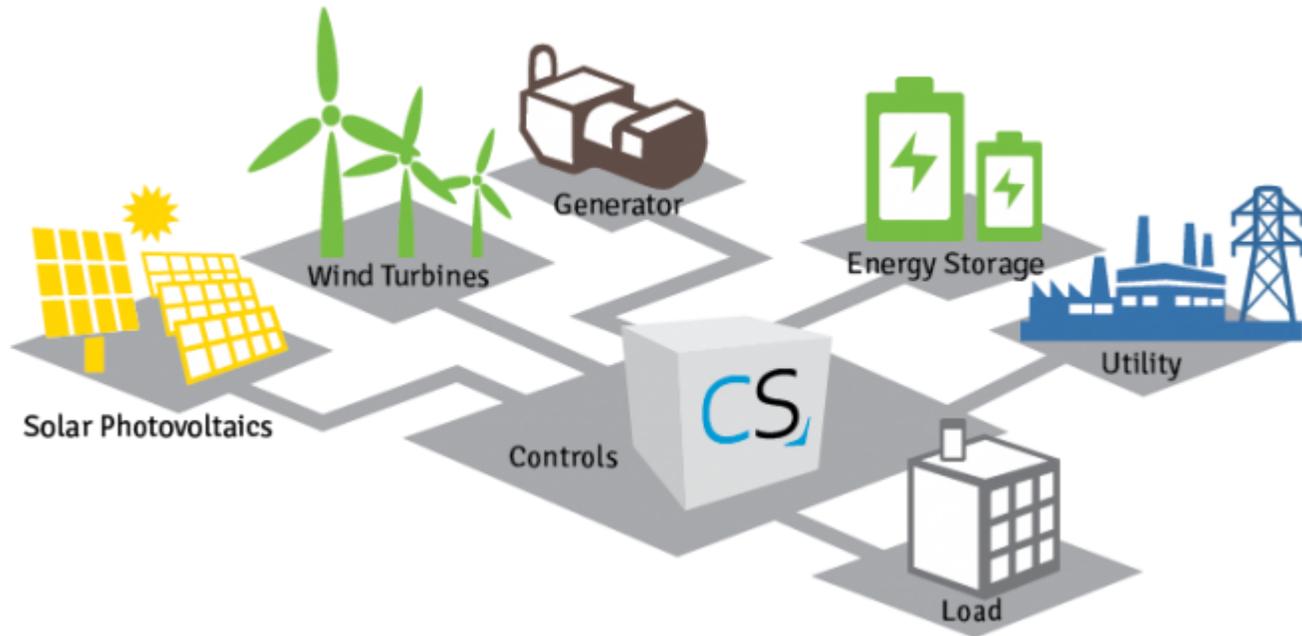


Public Safety Power Shutoff Opportunities

- Value of reliability can be included in solar projects
- Battery storage is more appealing
- GHG reduction strategies can be funded as resilience measures

Microgrid

- Reduce reliance on existing diesel generator
- Convert existing generator to natural gas
- Large battery banks rarely pencil out



Biomass

- Biomass enables indefinite storage of unlimited quantity of fuel
- Actively addressing Forest Health by adapting to power shutoffs
- 20kw pallet sized low maintenance generator
- Can be used year round



Extreme Heat

Average number of Extreme Heat Days. 

OBSERVED HISTORICAL
1961–1990

4



MODEL HISTORICAL
1961–1990

4



MODEL PROJECTIONS
2070–2099

40



OBSERVED HISTORICAL
1961–1990

0.2



MODEL HISTORICAL
1961–1990

0.3



MODEL PROJECTIONS
2070–2099

5.4



Building Code for Shade Trees

...
CHAPTER 5.1
PLANNING AND DESIGN
...

5.107 Shade trees. [DSA-SS] For public schools and community colleges, shade trees, with a minimum size at planting of a ten (10) gallon container or equal, shall be installed to comply with Sections 5.107.1 through 5.107.5. Percentages shown shall be measured at twelve o'clock noon. Landscape irrigation shall be installed to establish and maintain tree health in accordance with Section 5.304.6.

5.107.1 Aboveground and uncovered parking areas. Shade trees interspersed throughout the parking area so that in 15 years 40 percent of the parking lot will be in shade.

5.107.2 Playground areas. Shade trees interspersed throughout the impervious or pervious hard surface play area(s) so that in 15 years 40 percent of the play area will be in shade.

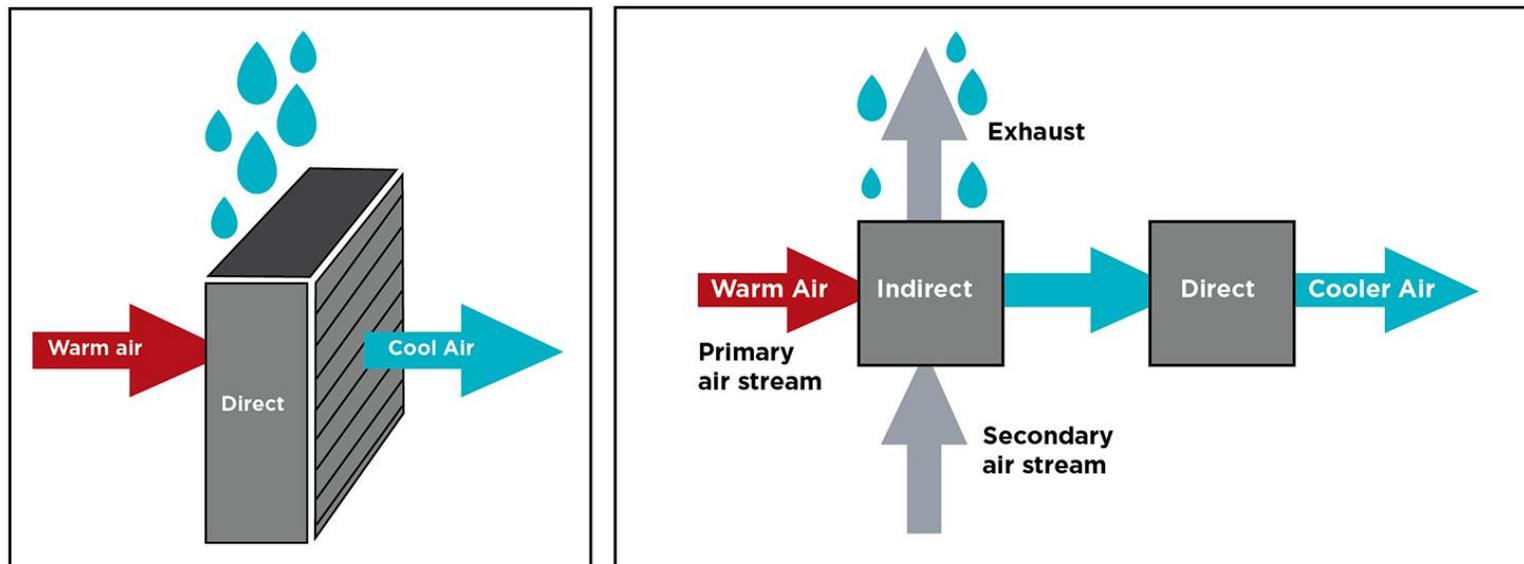
5.107.3 Turf playfield spectator areas. A minimum of four shade trees planted on each spectator side of each playfield with a minimum assumed 20 foot setback from playfield boundaries measured to the edge of a grown tree canopy in 15 years.

5.107.4 Turf gathering areas. A minimum of four shade trees planted along outer perimeter of gathering space.

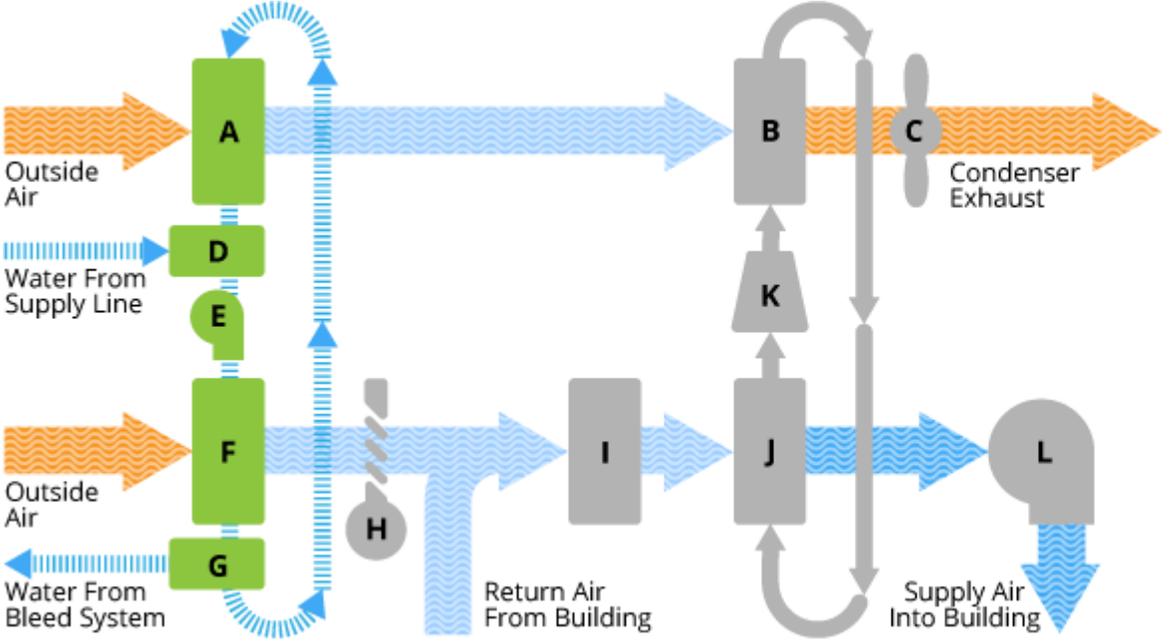
5.107.5 Alterations and additions to existing buildings. A minimum of a total of four shade trees shall be planted at any of the areas indicated in Sections 5.106.1 through 5.106.4.

Evaporative Cooling for Ventilation Air

- Every building bring in outside air
- Cooling this fresh air reduces burden on air conditioning system
- Saving 1kwh costs 7-9 gallons of water
- Expand cooling capacity of your building without new HVAC units

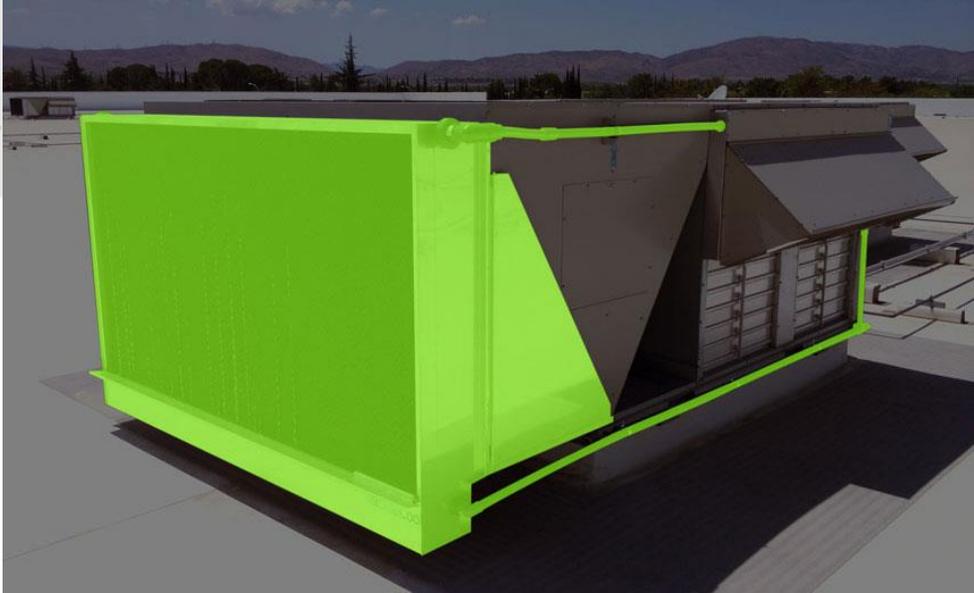


Evaporative Cooling Retrofit



- A** DualCool Direct Evaporative Condenser air pre-cooler
- B** DX Condenser
- C** Condenser Fan
- D** DualCool Sump / Reservoir
- E** DualCool Pump
- F** DualCool Water Coil
- G** DualCool Bleed System
- H** Motorized Dampers
- I** Filtration
- K** Compressor
- J** DX Evaporator
- L** Supply Air Blower

<http://www.evaporcool.com/resources/cool2save/>



Questions?



Rafael Reyes, Peninsula Clean Energy

RESILIENT SOLAR ON CRITICAL FACILITIES AND FAITH INSTITUTIONS

Q&A and Discussion

- What is your jurisdiction doing to prepare for power shutoffs?
- Does your city need additional information and/or technical support?
- What are you hearing from your community about the PSPS program?
- Do you think businesses in your community are prepared? What support/resources would be helpful?

TURNING UP THE HEAT ON COMMUNITY RESILIENCY



COLLABORATIVE CONVENING // JULY 31, 2019



TURNING UP THE HEAT AGENDA HIGHLIGHTS

8:30 am REGISTRATION AND LIGHT BREAKFAST

9:00 am WELCOME AND OPENING

9:15 am KEYNOTE SPEAKER MOLLY PETERSON, KQED

9:45 am CURRENT CONDITIONS AND LIVED EXPERIENCES

Climate Change, Heat and Agriculture Workers

RITA MANCERA, Puente de la Costa Sur

Climate Conditions in Health: Public Safety Power Shutoff
Services

TRAVIS KUSMAN, San Mateo County Health, Emergency Medical

10:05 am FUTURE HEAT RISKS

Vulnerability to Rising Temperature and Heat

MATTHEW LIEUALLEN, E & E, Inc.

Heat Impacts on Transportation

JOSH PILACHOWSKI, DKS Associates

Heat Impacts on Wildfire

CHIEF JONATHAN COX, CALFIRE

10:45 am STRATEGIES AND BEST PRACTICES

SARAH CHURCH, County of Alameda and LAURA GLASS, County of Contra Costa

11:20 am BREAKOUT: HEAT PREPAREDNESS AND RESILIENCE STRATEGIES

11:50 pm NEXT STEPS AND CLOSING



JOIN US -- REGISTER BY NOON FRIDAY



JUL
31

Turning Up the Heat on Community Resiliency

by San Mateo County Office of
Sustainability

[Follow](#)

Free

[Register](#)



CLIMATE READY SMC COLLABORATIVE CONVENING #5

About this Event

Please join us for the fifth convening of the Climate Ready SMC Collaborative on Wednesday, July 31 which will focus on building countywide readiness to rising temperatures and extreme heat.

The convening will provide an opportunity for us to learn together and dive deeper into the needs and opportunities of different sectors and communities to prepare for growing heat related risks in our diverse communities.

- 8:30 – 9:00 am (Registration and Breakfast)
- 9:00 am - 12:00 noon (Convening)

Date And Time

Wed, July 31, 2019
9:00 AM – 12:00 PM PDT
[Add to Calendar](#)

Location

Crowne Plaza - Foster City Hotel
1221 Chess Drive
Foster City, CA 94404
[View Map](#)

<http://turninguptheheatoncommunityresiliency.eventbrite.com>





John Allan, County of San Mateo Office of Sustainability

UPDATE: C/CAG'S ENERGY & WATER STRATEGY

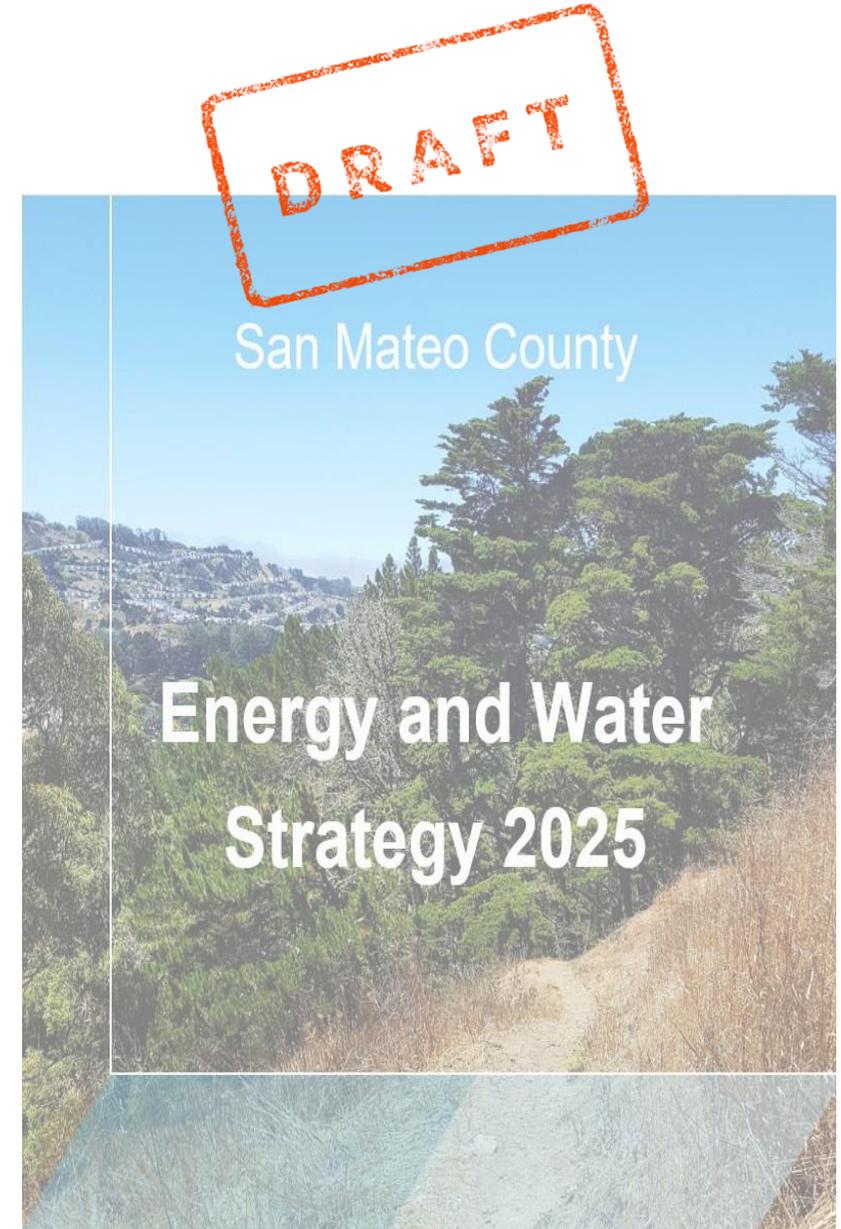
Background

Original Energy Strategy

- Written by USTF committee and consultant
- Final Draft adopted by BOS in December 2008
- Adopted by every city/town in 2009

2025 Update

- Significant changes in energy and water sectors:
 - Launch of Peninsula Clean Energy
 - Accelerated EV adoption
 - DER technologies
 - State GHG reduction targets
 - Historic drought
 - National attention on water quality



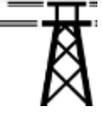
2025 Update: Framework

Developed in 2018 through a series of stakeholder meetings:

- Energy Goals:
 - E.1 - Optimize and Reduce
 - E.2 - Decarbonize and Shift to Clean Energy
 - E.3 - Modernize for Resilience
- Water Goals:
 - W.1 - Enhance Efficiency
 - W.2 - Expand to Alternative Sources
 - W.3 - Support Systemic Improvements

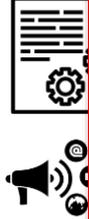


Actions for Implementing Partners:

Category of Action	Example Actions	Icon
Policy or Policy support	Adopt reach codes, ordinances, and new policies to influence community behavior, retrofits and upgrades	
Outreach/ Marketing	Launch education campaigns to increase awareness of resources, desired behaviors and trainings	
Programs and Partnerships	Provide technical assistance and pilot programs and facilitate engaging with partners. This also includes workforce development and education.	
Utility Infrastructure	Invest in and upgrade energy and water infrastructure at the utility-scale	
Technology	Supporting technology dissemination and development, as well as foster commercialization of new technologies	
Financing/ Incentives	Provide funding, financial incentives, financing and loans	

Cities as Partners: Example

Strategy E2.1: Support rapid community shift to 100% GHG-free electricity

	Actions	SMC	City	PCE	PG&E	Other
1.	Create partnerships, awareness campaigns and incentives to maximize opportunities for local rooftop PV and carport PV systems combined with energy storage for residential and commercial buildings. For the agricultural sector, promote solar-powered pumps (for water).					
2.	Enhance building reach codes to support community scale smart solar projects with energy storage, and multifamily dwelling units' electric vehicle charging infrastructure.					
3.	Encourage all consumers to move towards 100% renewable energy, through PCE's ECO100 supply option and its 100% renewable energy by 2025, as well as regional power purchase agreements and bulk buy programs.					
4.	Partner with a local university or national lab to research and develop appropriate response plans to ensure seasonal and time dependent impacts on grid are addressed.					
5.	Plan for regional or municipal emergency centers to site battery storage, and/or use renewable energy microgrids, especially in vulnerable communities.					

Feedback Survey

- Designed to streamline and focus feedback on lengthy document.
- SurveyMonkey link included in e-mail.
- Feedback is requested by August 9th
- Please forward to others that may be interested.

The screenshot shows a survey form with the following elements:

- Logos:** C/CAG (City/County Association of Governments of San Mateo County) and the Office of Sustainability, County of San Mateo.
- Title:** San Mateo County Energy & Water Strategy: 2025 Update
- Section:** Vision and Guiding Principles
- Introductory Text:** "The Vision and Guiding Principles section of the document was developed a group of local experts in the energy and water sectors and are used as foundational principles that each of the goals, strategies, and action seek to address. This section can be found on page 4 of the Strategy."
- Question 1:** "1. Which of these principles of energy and water availability are most important to you or resonate most with your or your organization's mission?"
- Options for Question 1:** Safe, Sustainable (checked), Equitable, Abundant, Reliable (checked), Resilient, Affordable.
- Question 2:** "2. Are there any principles that should be mentioned that are not included?"
- Progress Bar:** A green bar indicating progress.
- Navigation:** "Prev" and "Next" buttons.

Poll Questions

Poll #1: Is your city planning to update your CAP for 2030?

Poll #2: If you answered yes to Question 1, are you planning to rely on RICAPS for support?

Poll #3: Would you like to attend an ad hoc meeting to discuss suggested updates to the template?

Discussion

- How is your city planning to approach the CAP update?
- Is there interest in a consumption-based inventory?

Sustainability Ideas Bank

Neil Nathan
July 23, 2019

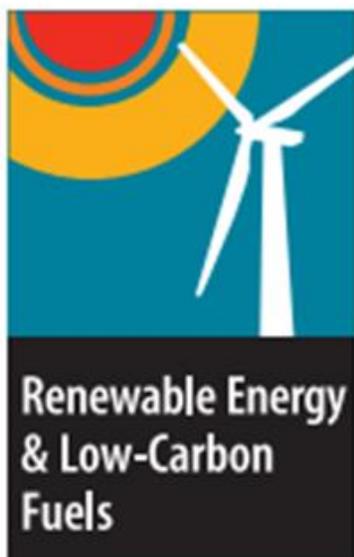


Sustainable
San Mateo County
Economy. Equity. Environment.

The Three E's of Sustainability



Sustainability Best Practices Framework



Proven Solutions

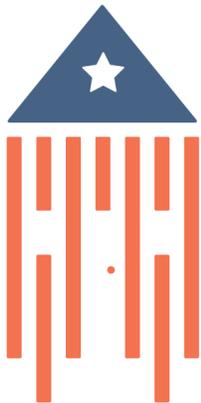


Ban plastic food ware



Responsible recycling of e-waste

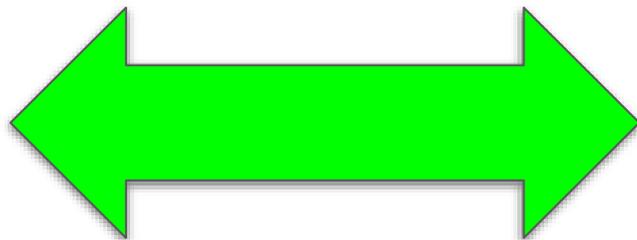
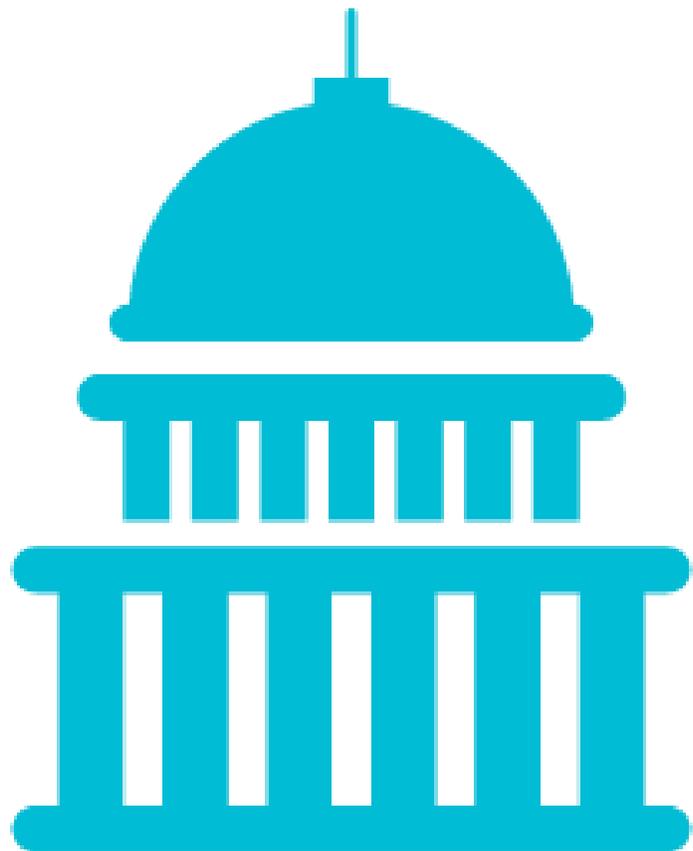
Proven Solutions



**AMERICAN
TINY HOUSE
ASSOCIATION**



Local Government and Local Businesses



Neil Nathan

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Please email me with any questions or suggestions!

Next Month

- August 27 at Marine Science Institute 12:30 to 3pm
- Topics:
 - Pathways to Green Jobs – Workforce Development
 - Reach Code Peer-to-Peer Sharing

THANK YOU!

Questions?

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OFFICE OF
SUSTAINABILITY

COUNTY OF SAN MATEO