Item available for public inspection in the Clerk's office during regular business hours (Monday – Friday, 9 AM – 5 PM)

April 1, 2025

Regular Meeting

Item #7a. - Updated Presentation

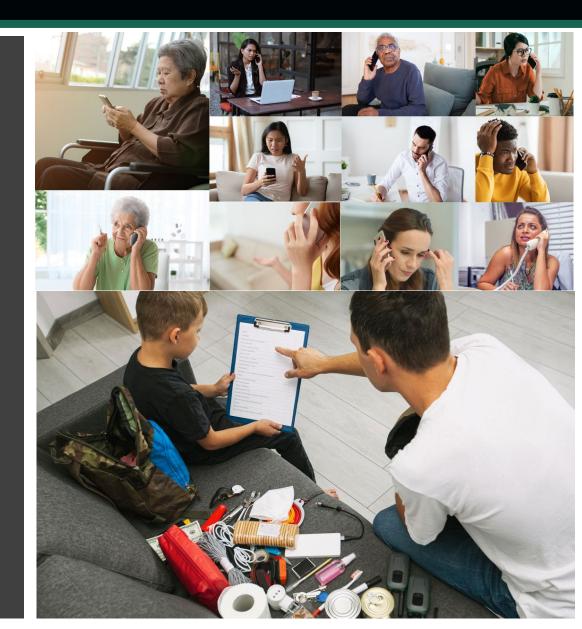


Southern California Edison Updates to Mono County BOS: Wildfire Mitigation Plan & PSPS

Tues. April 1, 2025 Mono County Courthouse, Bridgeport

CONCERNS FROM STAKEHOLDERS & CUSTOMERS

- Frequency and duration of Public Safety Power Shutoffs (PSPS)
 - 2024 PSPS Frequency compared to previous years
 - Duration of events & Periods of Concern (POC)
- Safety and Health Concerns including difficulties experienced by Access and Functional Needs/Medical Baseline Populations
- Communications/Notifications including:
 - Excessive notices
 - Confusing notices
 - Access to up-to-date information
- Wildfire Mitigation Plan and Grid hardening activities
 - Frequency of planned outages forecast of scheduled activities
 - Persistent need of PSPS
- Affected neighborhoods outside of Period of Concern (POC)
- Understanding SCE's Decision-Making Process for PSPS



Public Meetings:

January 18th

February 28th

March 5th

March 13th

March 20th

April 1st

April 9th

Mono City Fire Department – Town Hall/Community Mtg

Birchim & McGee Circuit Customers – Community Meeting

June Lake Citizens Advisory Committee (CAC)

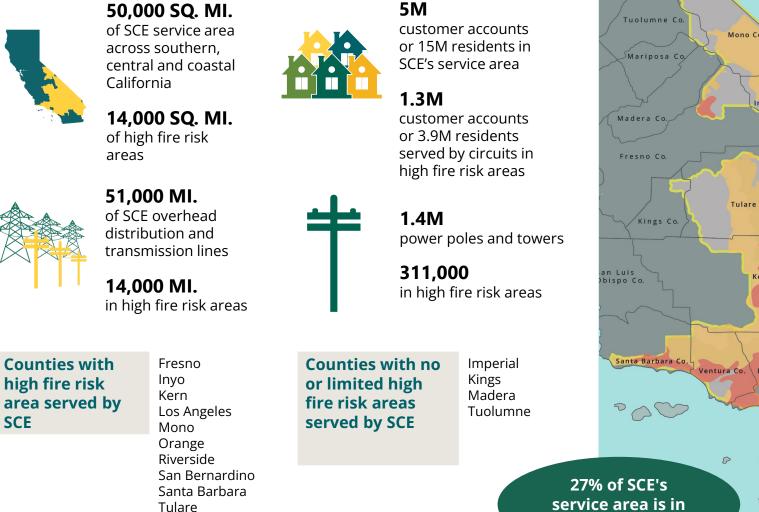
Bridgeport RPAC

Long Valley RPAC

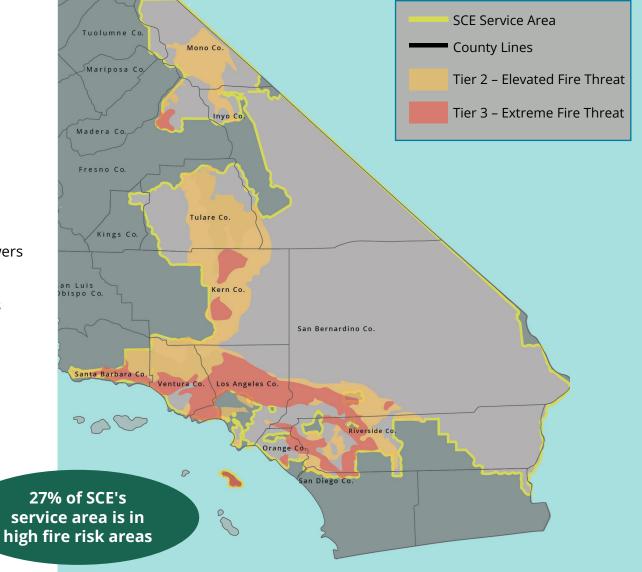
Mono County Board of Supervisors

Mono Basin RPAC

SCE SERVICE AREA & HIGH FIRE RISK AREAS



Ventura

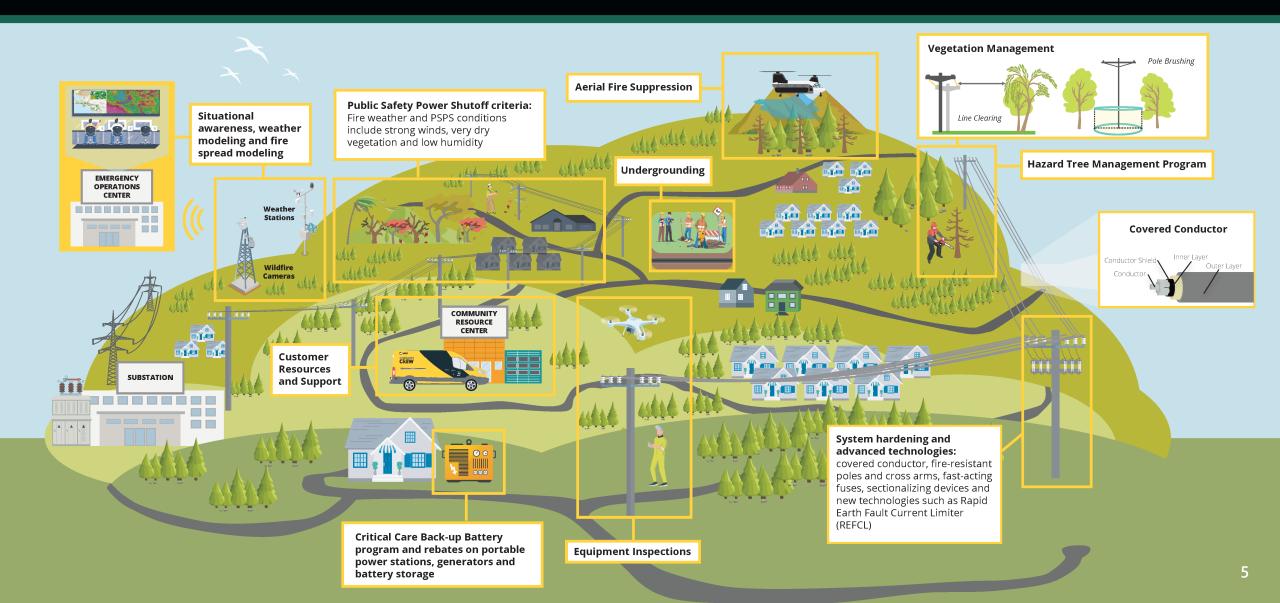


OUR WILDFIRE MITIGATION PLAN

- 2023-25 Wildfire Mitigation Plan (WMP) submitted on March 27, 2023. 2025 WMP Update was submitted on April 2, 2024
- Primary objective is to protect public safety
- SCE is further hardening its infrastructure, bolstering situational awareness capabilities, enhancing operational practices and harnessing the power of data and technology
- SCE incorporates advanced mitigation measures deployed in high fire risk areas around the world



REDUCING WILDFIRE RISK IN OUR COMMUNITIES



2024 YEAR-END PROGRESS REPORT



¹ About 7,300 circuit miles, or about 43% of primary distribution lines in high fire risk areas, already underground.
 ² Does not include PRC 4292 compliance scope

VEGETATION MANAGEMENT



Hazard tree removal beyond traditional trim zone

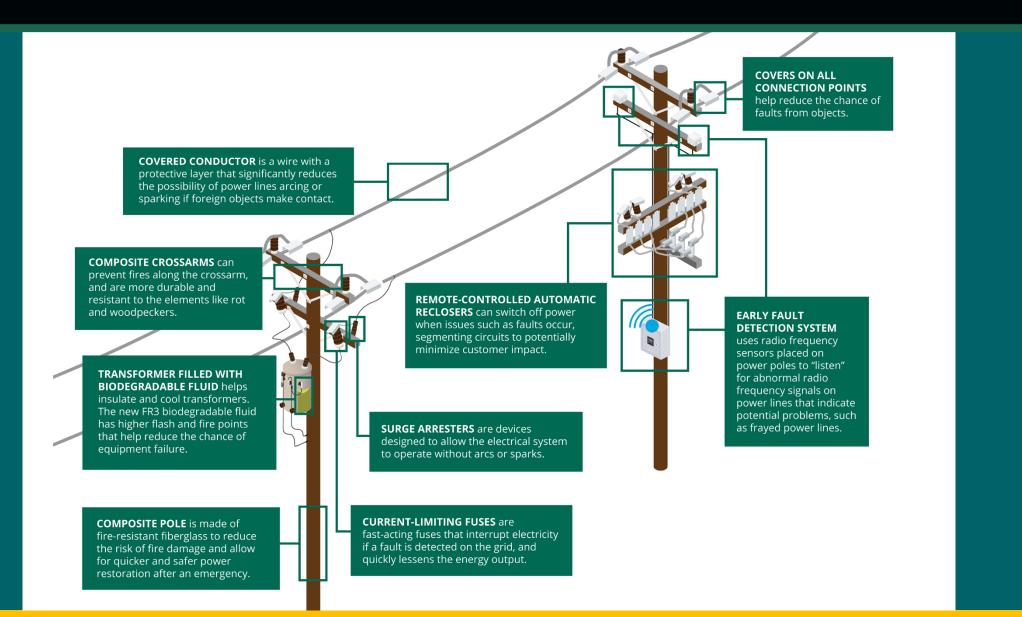
SCE currently inspects every year up to 1.6 million trees that might pose a hazard to power lines throughout its 50,000-squaremile service area

More than 749,000 are located in high fire risk areas

- Vegetation removal at poles and around power lines
- Remote sensing utilized to enhance inspections

Where clearance needed and access possible. Does not include PRC 4292 compliance scope

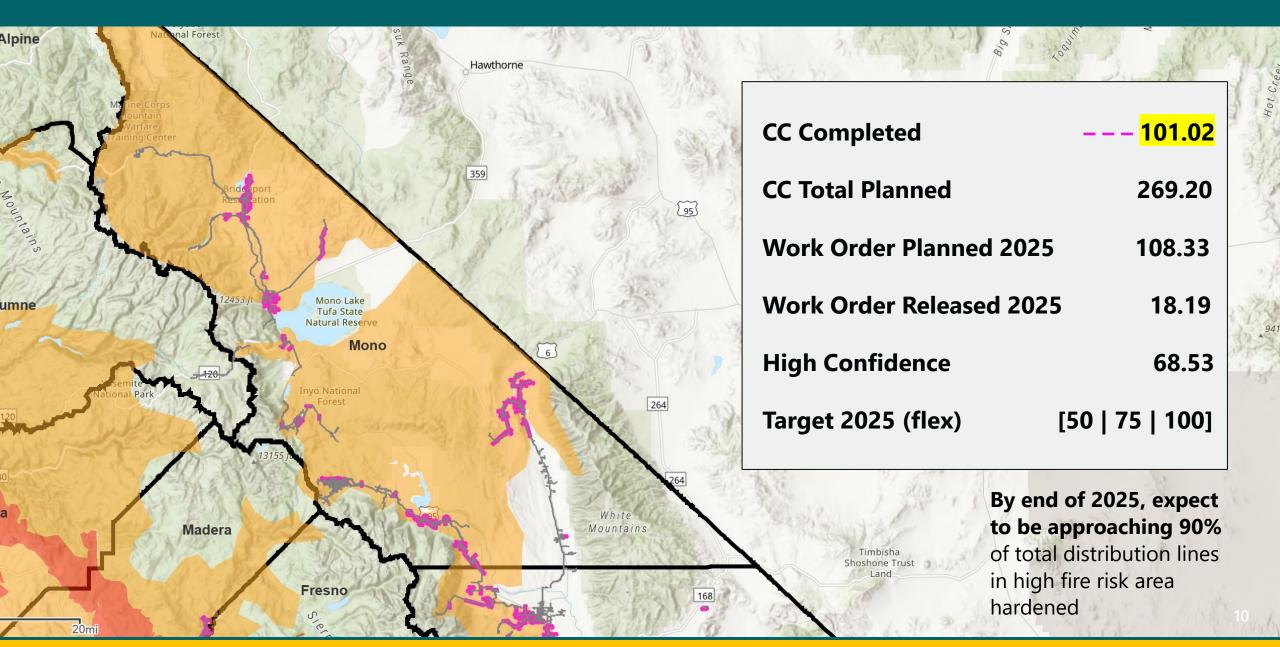
ANATOMY OF A POLE – HARDENING THE GRID



COVERED CONDUCTOR

- 6,400+ miles of covered conductor, covering about 68% of SCE's overhead distribution lines in high fire risk areas
- Covered conductor estimated to be about 70% effective

Mono County – Wildfire Covered Conductor Program







Grid Maintenance Work and Potential Outages in Your Neighborhood

June 19, 2024

Dear Neighbor,

As part of our long-term plan to modernize the energy grid and reduce wildfire risk, we are planning important electrical grid maintenance work in your area. You may see our crews or approved contractors performing this work in your neighborhood. Road closures, overnight work, or temporary scheduled outages may be necessary to complete this project as safely and quickly as possible.

Why are we performing this work?

Our priority is to make sure you have access to safe, reliable energy into the future. Upgrading our equipment and reconductoring the powerlines in your designated high fire risk area helps meet this goal by keeping the grid up to date, increasing wildfire safety, and reducing the likelihood of Public Safety Power Shutoffs (PSPS).

When is the work scheduled to occur?

The project is estimated to last from June 2024 to October 2024.

Work will be scheduled for days and evenings, except Sundays and federal holidays.

Where is the work area?

The work area is outlined in red in the boundary map below:



Map used with permission from Google.

Reconductoring involves the replacement of existing electrical distribution line with insulated cable or "covered conductor". Because the covered conductor is heavier, SCE may also need to replace previously existing poles to support the additional weight of insulated cable and equipment.

Who will do the work?

SCE and our approved contractor will do the maintenance work. SCE vehicles will display the SCE logo. All workers will have identification badges.

What to expect:

- For crew safety, we may schedule temporary maintenance outages during construction. Multiple outages may be
 required to complete the work. We will attempt to notify you by phone, text, email, or mail at least 72 hours prior to
 outages.
- Work crews may require access to electrical equipment on your property. Unless they notice an immediate safety
 concern, we will attempt to notify you before entering your property.
- To ensure your safety during construction, there may be traffic lane and sidewalk closures, as well as designated "No
 Parking" areas. There may also be street closures and detours, depending on permit requirements. Crews will use
 appropriate traffic control signs and flags.
- We will notify you of construction work by providing additional communications, such as door hangers, traffic signs, and/or parking signs.
- To minimize traffic and outage impacts, some work will be conducted during permitted nighttime hours.
- There may be noise related to construction work during operating hours.
- Crews may have to dig, trim, or remove trees and other plant material to safely access equipment.

How to prepare:

Log into your SCE My Account and visit the Customer Preference Center at sce.com/mysce/preference-center to set your outage notification preferences. You can choose to receive notifications via text, email, or voice. Also, review your contact information to make sure it's correct, and update it as needed.

To learn more about outage preparedness, check your outage status, access additional resources, and view an outage map, visit sce.com/outagemap. If you experience an extended outage, you may be able to take advantage of special programs. For details, visit sce.com/customerresources.

For information about our wildfire mitigation efforts, visit sce.com/mitigation.

Thank you for your patience and understanding as we work on grid improvements to continually provide you with safe, reliable energy.

Sincerely,

Heather Rivard Senior Vice President, Transmission and Distribution Southern California Edison

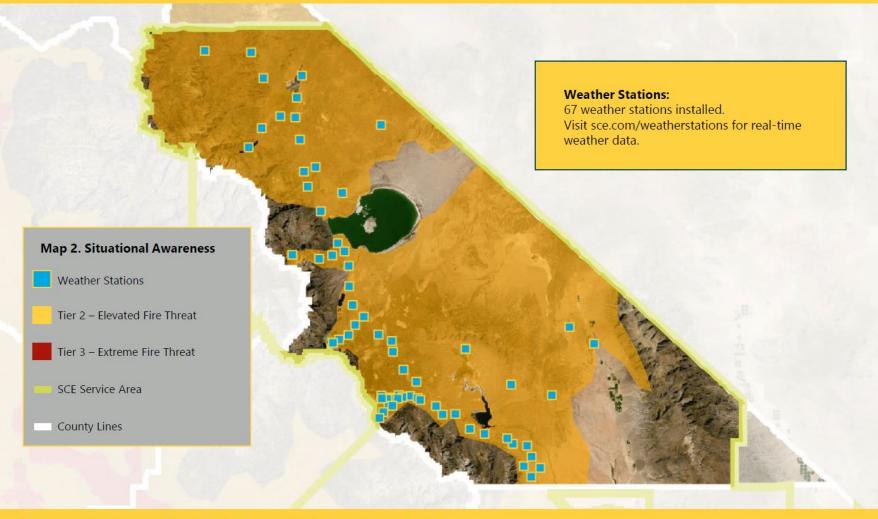
Scan this code for outage preparedness and safety tips:





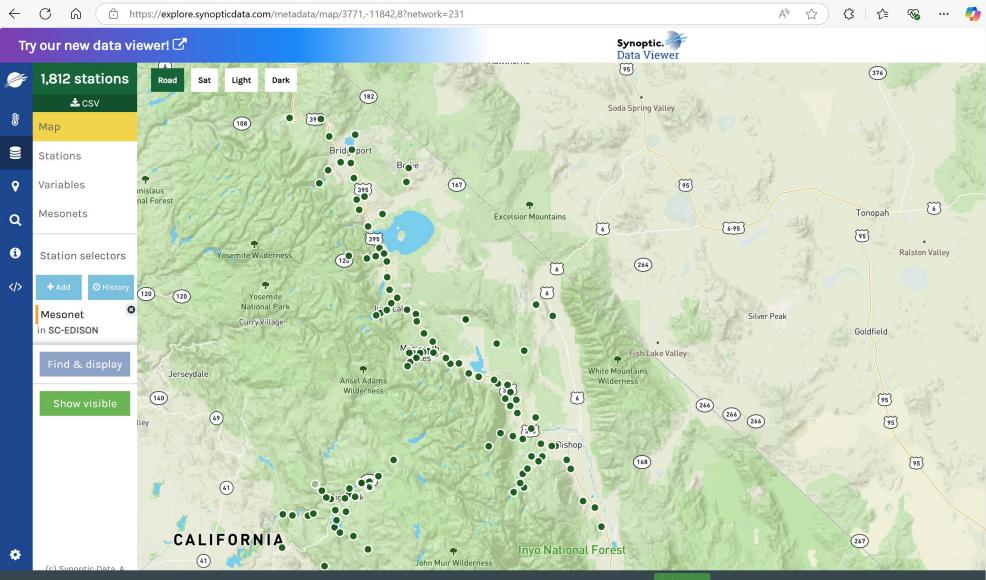
Wildfire Mitigation Activities **MONO COUNTY**

2024 Year-End Progress Report Data as of 12/31/24



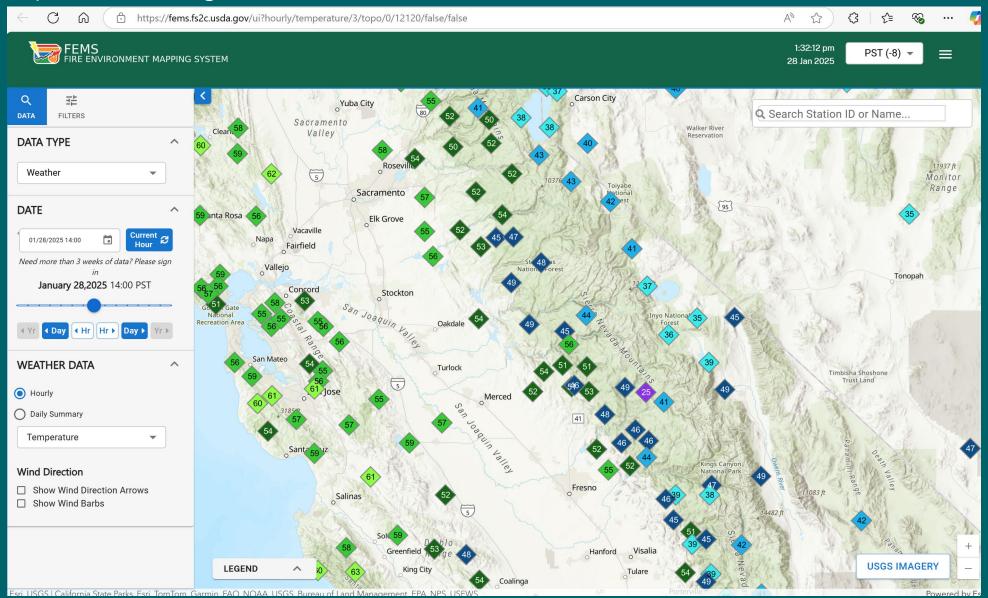
Features depicted herein are intended for informational purposes only. Distances and locations may be distorted and icons may be overlapping at this scale.

https://sce.com/weatherstations



Synoptic uses cookies and some information to make our systems work for you. Learn more

https://fems.fs2.ca.gov



https://alertcalifornia.org

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ABOUT PSPS

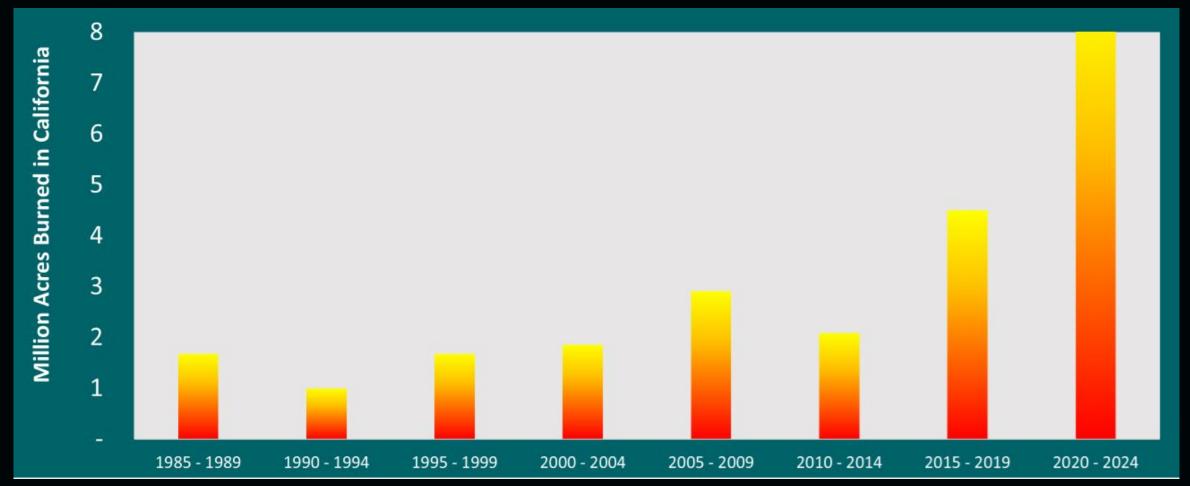
Tool of last resort

PSPS reduces the risk that winds could cause flying debris to hit our lines or damage our equipment and cause a fire during dangerous weather conditions.

We base PSPS decisions on data gathered from fire scientists and meteorologists forecasting dangerous wildfire conditions (strong winds, very dry plants and grass and low humidity), and on real-time information from crews in the field.



ACRES BURNED IN CALIFORNIA HAVE SIGNIFICANTLY INCREASED OVER THE PAST 40 YEARS



FORECASTING

Weather

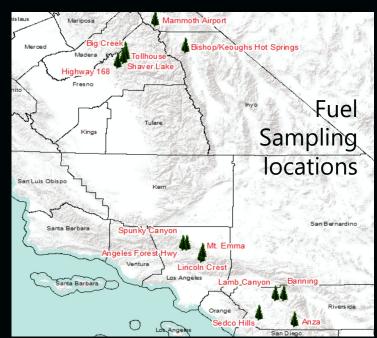
Weather Models: generated at 2km granularity across our territory – incorporating machine learning forecasts from 1700+ weather stations in the field.





Fire Science

Models and bi-weekly sampling determine the vegetation dryness across the high fire risk areas. This is computed into our Fire Potential Index that is used to calculate the fire risk.





DECISION-MAKING

FIRE POTENTIAL INDEX (FPI) Formula incorporates measures of vegetation dryness and estimates the potential of fire ignition and spread Normal: 1-11 Elevated: 12-14 Extreme: 15+ Current threshold is typically 12 or 13 in most areas contingent on fire resource availability and fire risks

Technical paper and fact sheet available at sce.com/pspsdecision making

WINDSPEED THRESHOLD FOR ACTIVATION Wind speeds at which our system is vulnerable to flying debris or that pose a risk to our infrastructure

Bare wire circuits:

99th percentile historic windspeed for a given circuit <u>or</u> NWS Wind Advisory of sustained windspeeds of 31 mph or gusts of 46 mph

Fully covered conductor circuits: NWS High Wind Warning of sustained windspeeds of 40 mph or gusts of 58 mph (windspeeds at which damage to infrastructure may occur)

SWITCHING PLANS

When possible, individual segments of a circuit are switched to neighboring circuits so that some of the circuit can remain powered

DE-ENERGIZATION THRESHOLDS

If actual conditions suggest more risk, or in large-scale events, power on a circuit may be turned off at lower wind speeds

SITUATIONAL AWARENESS DURING EVENTS

YOUNG

Weather Stations

- We look at wind speed readings every 10 minutes from ~1700 weather stations located on or near every circuit.
- Meteorologists identify weather trends that could slow or speed up shutoff decisions

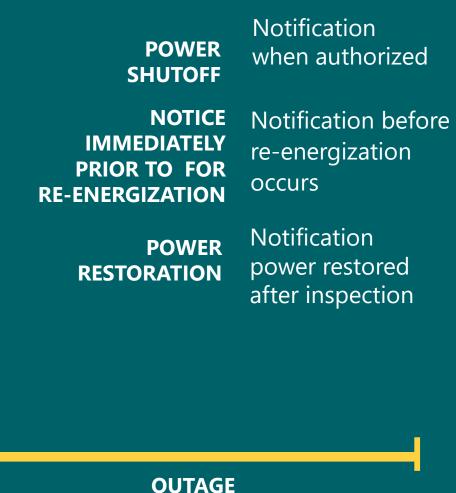
Live field observers

 Field crews assess conditions on the ground and look for factors that could increase the risk of fire such as existing damage or other hazards such as tree branches

PSPS NOTIFICATION TIMELINE

| 4-7 DAYS AHEAD | SCE begins planning for potential PSPS | |
|---------------------------------|---|--|
| 3 DAYS AHEAD (Alert) | SCE Incident Management Team activated. Priority notifications to public safety partners and other critical infrastructure providers. | |
| 2 DAYS AHEAD | Notification to all other customers Initial notifications to customers (update notifications to priority notification customers) | |
| 1 DAY AHEAD | Update notification sent | |
| 1-4 HOURS BEFORE SHUTDOWN | Expected shutdown notification | |
| | | |

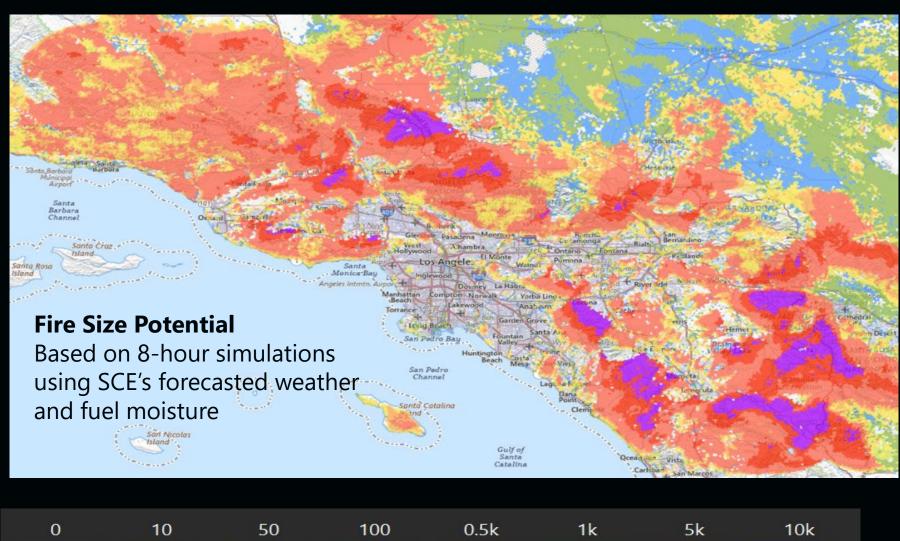
PLANNING AND MONITORING



RESTORATION

Restoration typically takes up to 8 hours once a circuit is cleared for inspection. There could be delays if the conditions are dangerous, or if damage is found. Remote circuits require helicopter or foot patrols that can only be safely inspected in daylight, which may lead to additional delays.

JANUARY 2025: EXTREME WEATHER

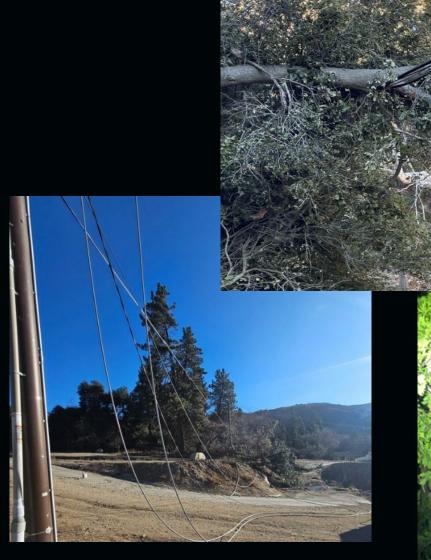


- Two wet winters increased vegetation across wildland areas
- No significant precipitation since April 2024
- October through December 2024 was one of the driest periods in our area going back to 1895, leaving much of the vegetation extremely dry and receptive to fire
- Extreme winds affected multiple areas including Santa Monica and San Gabriel Mountains
- Wind gusts in the 70s and 80s (mph) with isolated gusts near 100 mph during event peak

Fire Size Potential was estimated to be in the 5-to-10-thousand-acre range, with many areas exceeding 10-thousand-acre potential and as high as 40-thousand-acres

DAMAGE TO SCE EQUIPMENT FOUND DURING POST-PSPS PATROLS





These photos are in the SCE January 3,2025 post-event report (PER) posted on the CPUC website. PERS can be found on the <u>CPUC's website</u>

WHY DOES MY NEIGHBOR HAVE POWER WHEN I DON'T?

The location of your home or business on a circuit determines whether you are impacted by a Public Safety Power Shutoff (PSPS)

Neighborhood with power shut off due to PSPS

╋_

Wires originate in windy area with high fire risk

Neighborhood keeps power during PSPS

Wires originate in area with lower fire risk

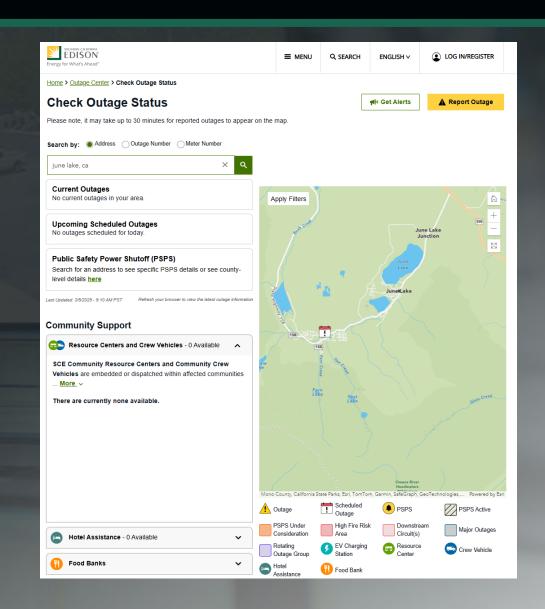
PSPS COMMUNICATIONS

Notifications

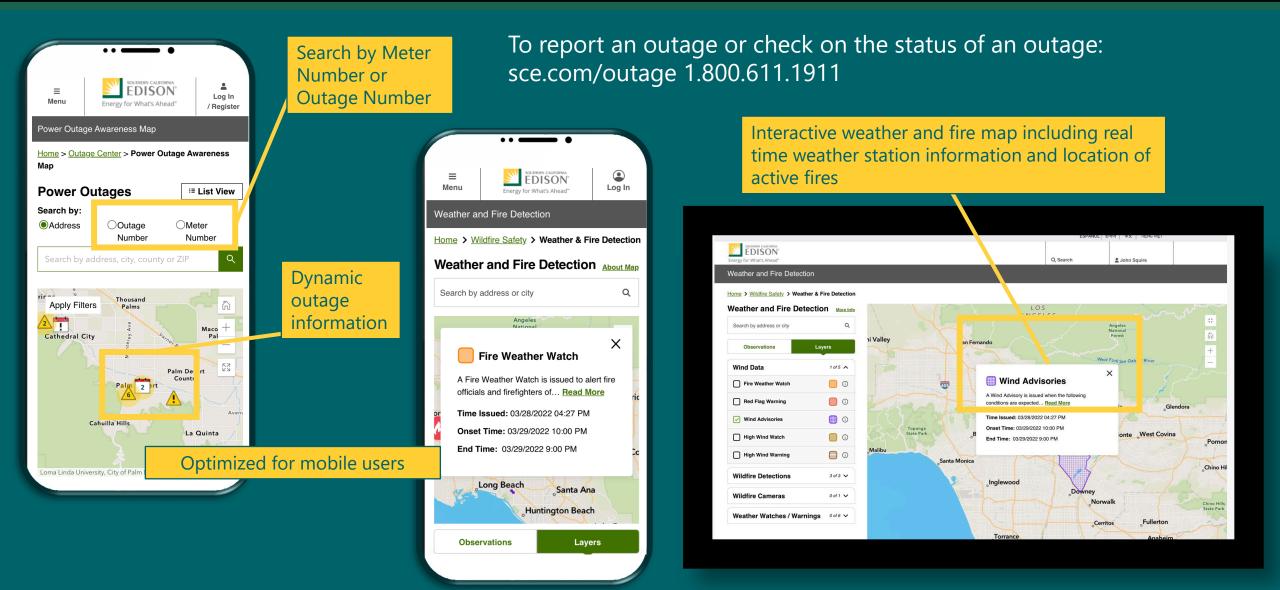
- SCE provides PSPS notifications through various communication channels
 - SCE Account Holders (email, text, and voice call)
 - Address Level Alerts (sce.com/pspsalerts)
- You can manage your outage notifications and ensure your information is current in the customer preference center.

SCE Outage Map

 Consolidated outage map that incorporates PSPS outages at <u>sce.com/outagemap</u>



INFORMING PARTNERS AND CUSTOMERS



PARTNERING FOR PREPAREDNESS

How we can work together to improve community resiliency:

Share information about available customer support programs

Improve your personal and commercial resiliency and emergency preparedness

3

4

2

Update your own and your loved ones' contact information

Stay informed:

- During events visit sce.com/PSPS
- Year round, attend a community meeting
- This spring, look for our annual PSPS newsletter in your inbox

PSPS CUSTOMER PROGRAMS & RESOURCES

IN-EVENT CUSTOMER PROGRAMS

- Customer Resource Centers offer
 information, mobile and portable medical
 device charging, PSPS outage alert
 enrollment support, access to water, snacks,
 ice and insulated cold bags for medications
- Referrals to 211 and food banks for customers with access and functional needs
- Disability Disaster Access and Resources (DDAR) to help elderly customers or those with disabilities to find hotels or rides
- Secondary notification, for all medical baseline and critical care customers (who cannot be reached through their provided contact information)



RESILIENCY PROGRAMS

- DDAR support for emergency planning
- Critical Care Backup Battery (CCBB) program provides eligible customers with a portable backup battery to power a medical device during a PSPS event
- In-Event Loan Battery Pilot supports customers during PSPS activation that have not enrolled in CCBB
- Rebates on portable batteries and generators for customers residing in high fire risk areas are available on <u>marketplace.sce.com</u>

PSPS PREPAREDNESS

PREPAREDNESS TIPS

- Learn if you or your family members qualify for Medical Baseline or Critical Care programs
- Keep important phone numbers nearby (hospital, doctor, relatives, etc.)
- Learn how to manually open automatic garage doors or gates
- Familiarize yourself with your home's utility boxes and how to turn them off
- Consult with a licensed electrician before installing a home generator
- Create a family safety preparedness plan



disabled, or pets

lengthy outage

heating, and have a

manual can opener

DOWNLOADABLE EMERGENCY PREPAREDNESS GUIDE

| <u> </u> | | ERN CALIFORNIA | | | | | |
|---|--|---|---|--|--|--|--|
| Energy | Energy for What's Ahead [™] | | | | | | |
| | Primary Contact Information | | | | | | |
| Name: | Chevy | Chase | | | | | |
| Phone: 805-123 | | 3-4567 | Cell Phone: 909-987-6543 | | | | |
| Street Address: 1 | | 234 Main Street, My City, CA | | | | | |
| | | Emergency Conta | act Information #1 | | | | |
| Name: | Name: Steve Martin | | | | | | |
| Phone: | | | Cell Phone: 626-456-9535 | | | | |
| | | Emergency Conta | act Information #2 | | | | |
| Name: | Martin | | | | | | |
| Phone: | | | Cell Phone: 323-856-7459 | | | | |
| Emergency Location Information: | | | | | | | |
| | | Emergency Loca | tion Information: | | | | |
| Emergence Location: | y Kit | Emergency Loca Pantry | tion Information: | | | | |
| Location: | y Kit y Meeting | Pantry | | | | | |
| Location: Emergenc | y Meeting | Pantry | That City, CA | | | | |
| Location: Emergenc Location: | y Meeting ospital: | Pantry Costco at 8945 Short Street, | That City, CA J Drive, This City | | | | |
| Location: Emergenc Location: Nearest H Evacuation | y Meeting ospital: | Pantry Costco at 8945 Short Street, ACME Hospital at 8161 Swing My City Community Center at | That City, CA J Drive, This City | | | | |
| Location: Emergenc Location: Nearest H Evacuation Location f | y Meeting ospital: n Center: or Supplie: | Pantry Costco at 8945 Short Street, ACME Hospital at 8161 Swing My City Community Center at | That City, CA J Drive, This City | | | | |
| Location: Emergenc Location: Nearest H Evacuation Location f (EX: Ice): | y Meeting ospital: n Center: or Supplie: Rental: | Pantry Costco at 8945 Short Street, ACME Hospital at 8161 Swing My City Community Center at Local Grocery Store | That City, CA 9 Drive, This City 5543 Putter Drive, This City | | | | |
| Location: Emergenc Location: Nearest H Evacuation Location fr (EX: Ice): Generator Nearest Co | y Meeting ospital: n Center: or Supplie: Rental: | Pantry Costco at 8945 Short Street, ACME Hospital at 8161 Swing My City Community Center at Local Grocery Store ACME Generators My City Community Center at | That City, CA 9 Drive, This City 5543 Putter Drive, This City | | | | |

| Medical Contact Information | | | | | | |
|---|----------------------|------------------|----------------|--|--|--|
| Doctor's Name: | Michaela Quinn | Prescription #1: | Morning Meds | | | |
| Phone: | 213-555-6985 | Prescription #2: | Afternoon Meds | | | |
| Pharmacy Phone | 231-486-7512 | Prescription #3: | Bedtime Meds | | | |
| | | Prescription #4: | | | | |
| | | Prescription #5: | | | | |
| | | Prescription #6: | | | | |
| | Importa | ant Links | | | | |
| Important Links Community Safety: sce.com/wildfire/Community-Safety-Events | | | | | | |
| View Outages: sce.com/outage | | | | | | |
| Manage Outage alert preferences: sce.com/outagealerts | | | | | | |
| Medical Baseline Application: sce.com/medicalbaseline | | | | | | |
| G SCE Facebook: Facebook.com/sce | | | | | | |
| 💟 SCE on Twit | ter: @sce | | | | | |
| SCE on YouT | ube: YouTube.com/sce | | | | | |

sce.com > Outage Center > Outage Tips > Outage Information Kit

- Redcros.org American Red Cross
- Caloes.ca.gov California Governor's Office of Emergency Services
- Ready.gov US Department of Homeland Security

1. Medicine; 2. Medical Equipment; 3. Pet Food

Visit our Community Resource Centers and Crew Vehicles



Update contact information at sce.com/preference-center or use the link on the sce.com outage page

Non-customers can sign up for PSPS address alerts

EDISON

SOUTHERN CALIFORNIA EDISON

PSPS COMMUNICATIONS

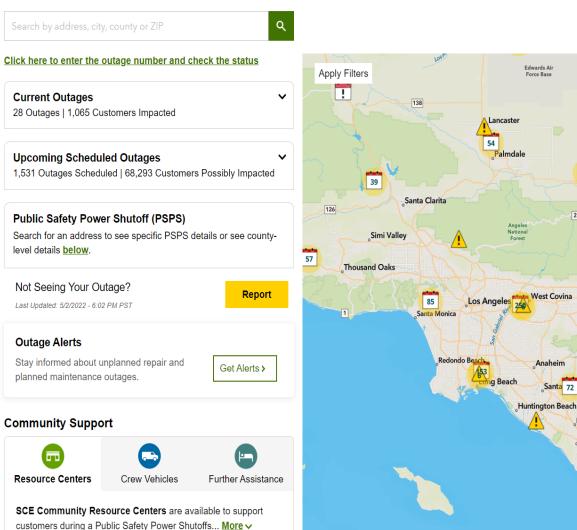
Notifications

- SCE provides PSPS notifications through various communication channels
 - SCE account holders (email, text, and voice call)
 - Address level alerts
- Manage outage notifications and ensure information is current in the customer preference center

SCE Outage Map

 Consolidated outage map that incorporates PSPS outages at <u>sce.com/outagemap</u>

Power Outages



San Clement

 $\hat{\Box}$

21

Ontario

Laguna Nigu

Corona

HELPFUL INFORMATION & RESOURCES

SCE Wildfire Webpage – <u>sce.com/wildfire</u>

SCE Notifications

- Sign up for PSPS alerts <u>sce.com/pspsalerts</u>
- Sign up for the Energized by Edison Wildfire Mitigation Newsletter energized.edison.com/newsletter

Situational Awareness

- SCE outage map <u>sce.com/outagemap</u>
- PSPS information <u>sce.com/psps</u>
- PSPS decision making sce.com/pspsdecisionmaking
- Role of weather in PSPS sce.com/fireweather
- Weather awareness for PSPS sce.com/wildfire/weather-awareness
- Situational awareness map sce.com/wildfire/situational-awareness
- Wildfire cameras alertcalifornia.org
- Weather stations sce.com/weatherstations
- CPUC wildfire maps <u>ia.cpuc.ca.gov/firemap/</u>

Preparedness

- SCE emergency preparedness <u>sce.com/safety/family/emergency-tips</u>
- CAL FIRE preparedness <u>readyforwildfire.org</u>

Vegetation Management

 Vegetation Management – <u>sce.com/safety/power-lines</u>; contact 1-800-655-4555 or <u>safetrees@sce.com</u>

Targeted Undergrounding

 Targeted Undergrounding – <u>sce.com/tug</u>; contact 1-888-331-0010 or <u>SCEprojects@sce.com</u>

Customer Programs & Rebates

- SCE Customer Programs & Resources <u>sce.com/customerresources</u>
- SCE Marketplace (rebates and programs) <u>marketplace.sce.com</u>
- SCE Critical Care Backup Battery Program <u>sce.com/ccbb</u>
- SCE Access & Functional Needs Resources <u>sce.com/afn</u>
- SCE Medical Baseline Program <u>sce.com/medicalbaseline</u>
- Self Generation Incentive Program (SGIP) <u>sce.com/sgip</u> or <u>selfgenca.com</u>
- SCE Customer Support: 1-800-655-4555

Community Meetings

Join SCE's wildfire safety community meetings – <u>sce.com/wildfiresafetymeetings</u>

Energized by Edison

Stories and videos on SCE's wildfire safety efforts – edison.com/wildfire-safety

County-wide Hazard Mitigation Planning



The Starlite Neighborhood Fuels Reduction 2024 project aims to enhance community safety and ecological health by reducing combustible vegetation across residential lots and community spaces. This

Wheeler Crest Fire Safe Council



The Swall Meadows Green Waste Dumpster Rental project aims to enhance community safety by providing accessible dumpsters for green waste disposal. This initiative supports residents in creating

Mo This porta enhan limite

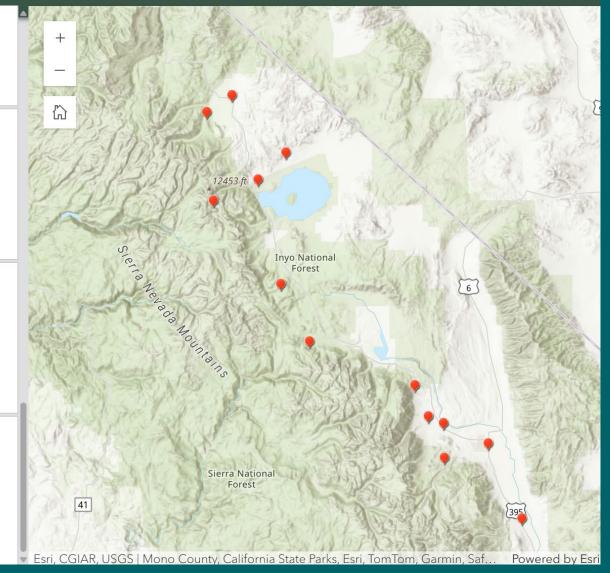
Mono City Fire Protection District

This project includes a 2,100-gallon portable water tank and strainers to enhance firefighting in rural areas with limited water. It will improve safety by providing a reliable water source during

Mono Basin Fire Safe Council

This project will result in a spring-charged, accessible 3,000 gallon water tank to the community on the north shore of Mono Lake. This project has been identified as a way to enhance regional firefighting





Public & Local Government Engagement Opportunities:

April

May

Quarterly

Ongoing

Customer Wildfire Safety Community Meetings: Multiple Events sce.com/wildfire/community-safety-events

PSPS Local/Tribal Government Briefings

Government Advisory Panel (GAP) Meetings PSPS Working Group Meetings PSPS Advisory Board Meetings Eastern Sierra Unified Command

RPAC/CAC & Chamber Meetings

Questions?