

Our Commitment to California

Keeping our communities safe from wildfires

#PoweringThruTogether

September 2020



WILDFIRE PREPAREDNESS TIPS



GET READY, GET SET, GO!

Wildfire Is Coming. Are You Ready?

GET PREPARED FOR WILDFIRE BEFORE IT STRIKES BY FOLLOWING THE READY, SET GO! GUIDE:

BEING READY



CREATE DEFENSIBLE SPACE: 100-FEET OF DEFENSIBLE SPACE IS REQUIRED AROUND YOUR HOME. LEARN HOW TO MAINTAIN THE TWO ZONES OF DEFENSIBLE SPACE NEEDED.

HARDEN YOUR HOME: FLYING EMBERS CAN DESTROY HOMES UP TO A MILE FROM WILDLAND AREAS. LEARN HOW TO PROTECT AND HARDEN YOUR HOME FROM A WILDFIRE THREAT.

GETTING SET



PREPARE YOUR HOME AND FAMILY FOR THE POSSIBILITY OF HAVING TO EVACUATE.

1. WHAT
2. HOW
3. WHO
4. WHEN

CREATE A WILDFIRE ACTION PLAN.



ASSEMBLE AN EMERGENCY SUPPLY KIT.



FILL OUT A FAMILY COMMUNICATION PLAN.

BEING READY TO GO



PRE-EVACUATION STEPS: PREPARE BOTH THE INSIDE AND OUTSIDE OF YOUR HOUSE FOR EVACUATION. GET THE CHECKLISTS.



REVIEW YOUR EVACUATION PLAN CHECKLIST.

GO!

EVACUATION STEPS: WHEN IMMEDIATE EVACUATION IS NECESSARY, GET READY TO GO!



ENSURE YOUR EMERGENCY SUPPLY KIT IS IN YOUR VEHICLE.



COVER-UP TO PROTECT AGAINST HEAT AND FLYING EMBERS. WEAR LONG PANTS, LONG SLEEVE SHIRT, HEAVY SHOES/BOOTS, CAP, DRY BANDANNA TO COVER FACE, GOGGLES OR GLASSES. 100% COTTON IS PREFERABLE.



LOCATE YOUR PETS AND TAKE THEM WITH YOU.

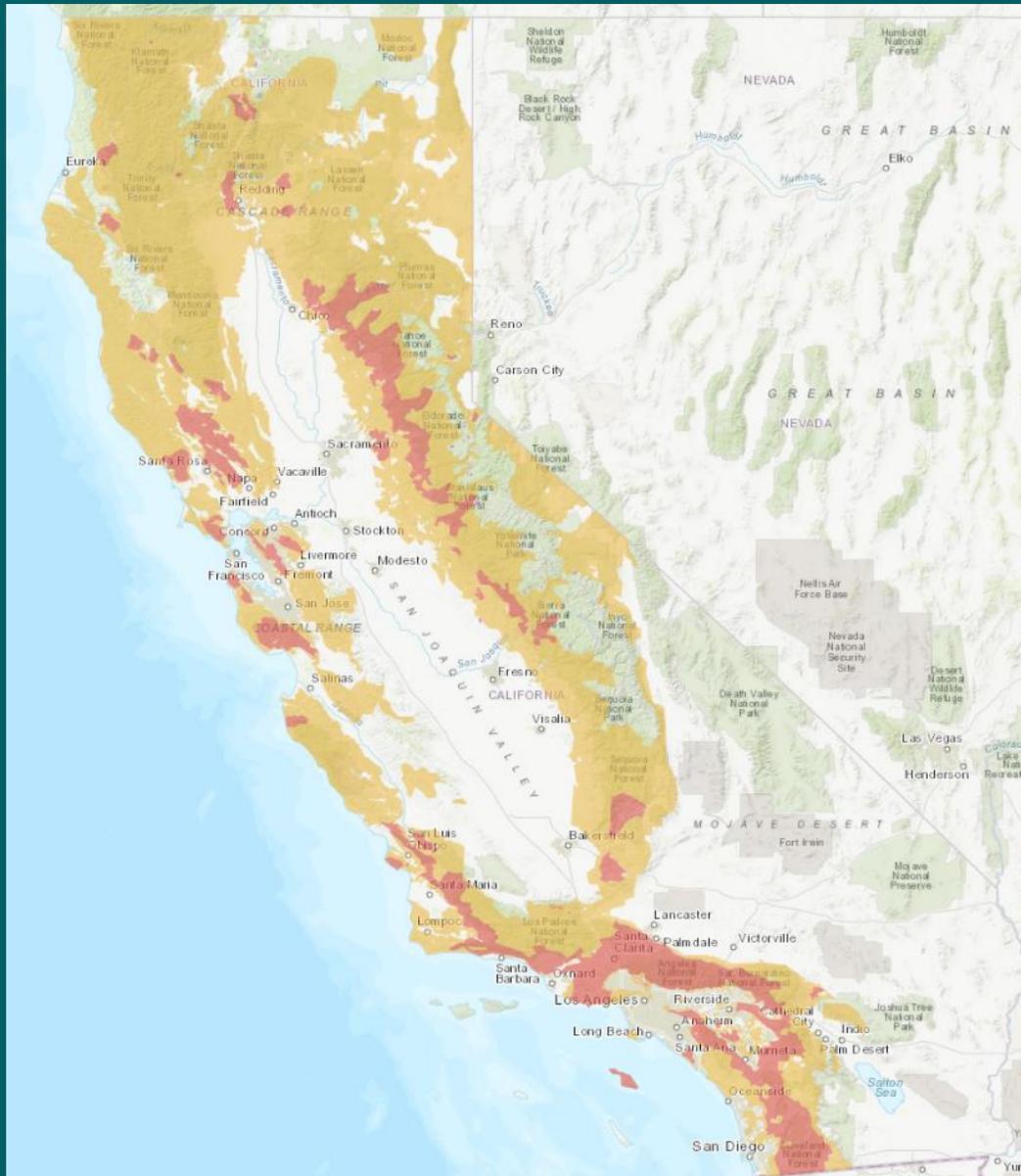
ONE LESS SPARK
ONE LESS WILDFIRE



FOR MORE INFORMATION VISIT:
READYFORWILDFIRE.ORG
#READYFORWILDFIRE

OUR RESPONSE TO THE COVID-19 OUTBREAK

- Continuing to deliver safe and reliable service to our communities
- Safety of our workforce, our customers and the public remain our top priority
- Prioritizing critical work necessary to protect our communities and public safety
- Enhancing programs to ensure customers continue receiving benefits (Medical Baseline and CARE), suspending service disconnections for nonpayment, and waiving late fees
- Supporting the communities we serve by donating more than \$1 million to local nonprofits responding to the pandemic. (*Edison International's charitable causes are funded entirely by shareholders and not customers.*)
- For more information, visit [sce.com/covid19](https://www.sce.com/covid19)



California's wildfire problem is serious and worsening.

- Ten of the 20 state's most destructive wildfires have happened since 2015
- About a quarter of our service area is located in high fire risk areas

WHAT WE LEARNED / WHAT'S NEW FOR 2020

Public Safety Power Shutoffs (PSPS)

- Recognize the impact of PSPS events on customers but they are necessary to protect public safety
- Found multiple instances of equipment damage and tree branches contacting power lines that could have ignited a fire after a PSPS event

Wildfire Mitigation Tools

- Implementing grid hardening activities and hi-tech tools and technologies
- Improving our ability to sectionalize to reduce the number of people impacted

Customer Care Programs and Communications

- Actively pursuing new programs to help customers
- Improving website and communications capabilities to provide additional, timely information and notifications

Stakeholder Engagement

- Enhancing communication and collaboration with stakeholders and partners
- Partnering with community-based organizations to better assist vulnerable customers

MITIGATION STRATEGY BASED ON FIRE SCIENCE

Eliminating any side of the fire triangle can prevent ignitions

Weather
Conditions
(Wind, Humidity)



Energy from
Electrical
Infrastructure

Vegetation &
Structures

OUR WILDFIRE MITIGATION PLAN

WILDFIRE CAMERAS

161

CAMERAS INSTALLED THOROUGHLY COVERING HIGH FIRE RISK AREAS



WEATHER STATIONS

850+

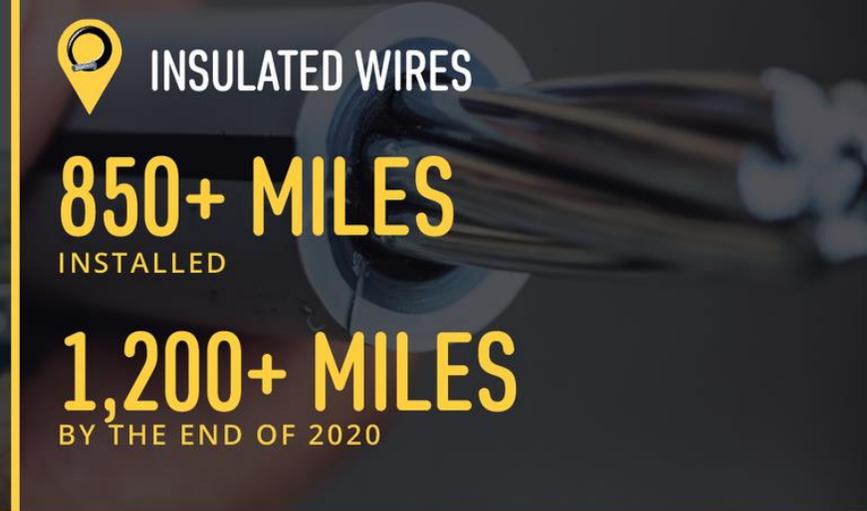
INSTALLED BY THE END OF 2020



INSULATED WIRES

850+ MILES
INSTALLED

1,200+ MILES
BY THE END OF 2020



INCIDENT MANAGEMENT TEAM

DEDICATED QUALIFIED RESPONSE TEAM MEMBERS, WHO ARE ON CALL FOR DUTY 24/7



ENHANCED INSPECTIONS

CONTINUE ADVANCING INSPECTIONS TO ADDRESS WILDFIRE RISKS IN 2020



PROTECTIVE DEVICES

12,000+

FUSES AND REMOTE CONTROLLED SECTIONALIZING DEVICES APPLIED TO INTERRUPT ELECTRICAL CURRENT MORE QUICKLY & BOOST RELIABILITY BY SEGMENTING CIRCUITS TO ISOLATE PROBLEMS





VEGETATION MANAGEMENT

- Hazard tree removal (beyond traditional trim zone)
- More than 20 in-house certified arborists
- More than 650 vegetation management crews, totaling nearly 1,500 workers
- 1.1 million trees inspected annually; 500,000+ trees in high fire risk areas
- 750,000 pruned per year
- Vegetation removal at poles
- LiDAR surveying



WEATHER STATIONS IN YOUR COMMUNITY

28

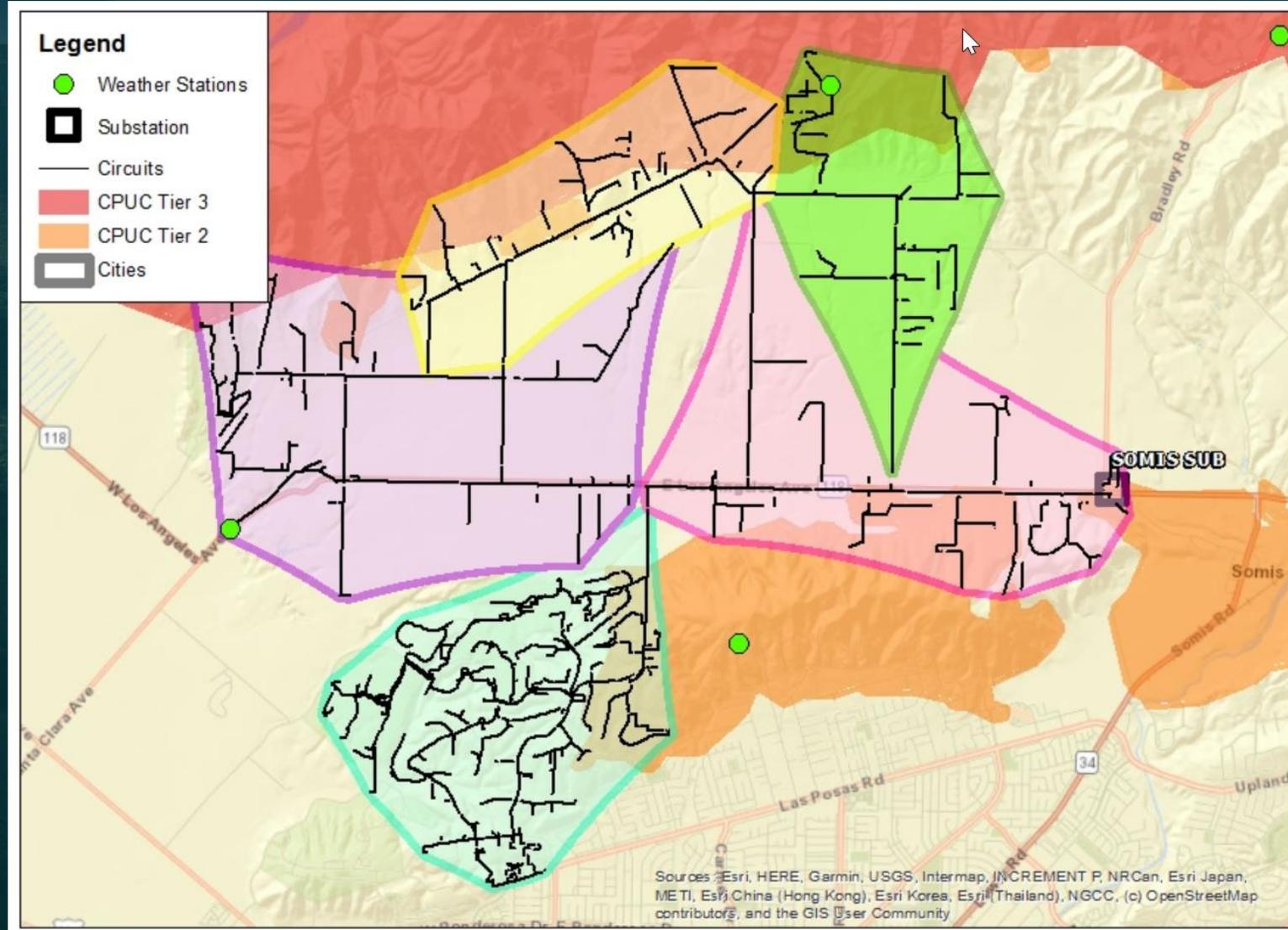
WEATHER STATIONS INSTALLED

32

INSTALLED BY THE END OF 2020

ADDITIONAL OPERATIONAL FLEXIBILITY

- SCE developed plans to sectionalize the circuits in the area to reduce the number of customers de-energized
- By adding additional weather stations and further dividing our grid into sections, we can reduce the number of customers de-energized (*depending on weather and other conditions*)



WHAT DOES THIS MEAN FOR THE AREA?

- **If the weather conditions were to be the same as last year in this area, we would expect to see a 25-40% reduction in the number of customers de-energized due to SCE's circuit improvements**
- **As more grid hardening including covered conductor is installed, these improvements will continue to increase**
- **Wind is not the only factor in making the decision to de-energize**
 - **Environmental influences such as dry vegetation and circuit conditions still factor into this decision and can modify the de-energization wind speeds**
- **We have also ramped up customer care programs to reduce the impacts of potential Public Safety Power Shutoffs**



PUBLIC SAFETY POWER SHUTOFF

- **De-energizing power lines to prevent ignitions**
- **Used during elevated fire conditions**
- **Primarily impacts circuits in high fire risk areas**
- **Use of multiple methods to notify people in affected areas before, during and after a de-energization event**



PSPS DECISION POINTS

Decision points include, but are not limited to:



- NWS Red Flag Warnings
- SCE meteorologists forecast **strong wind** conditions in service area
- SCE fire scientist assessment **of fire potential** to include consideration of **weather** and **fuels**

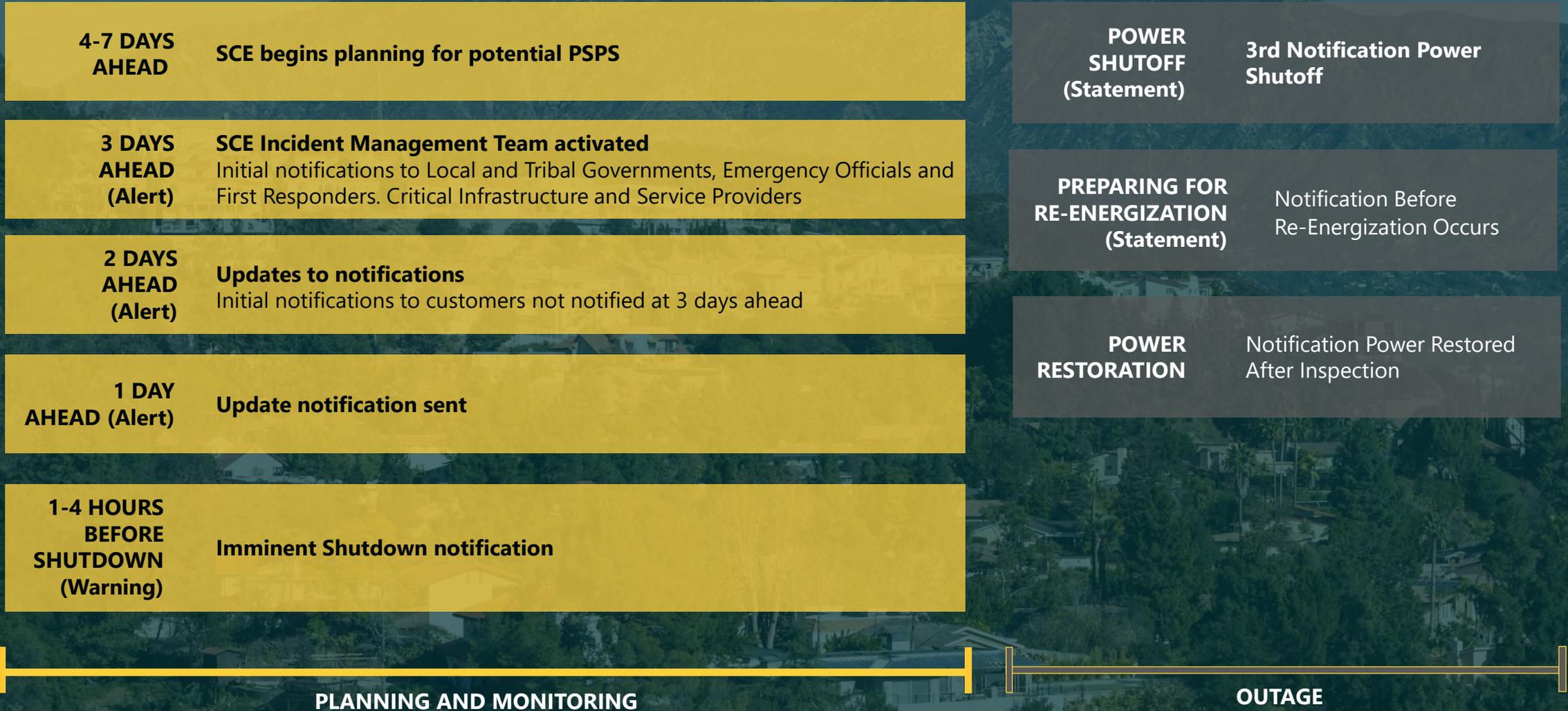


- Real-time observations from qualified electrical workers monitoring for **hazardous conditions** in the field



- Impact of de-energizing circuits on **first responders and essential services**

PSPS TIMELINE



SCE will target the schedule above to notify customers. Sudden onset of hazardous conditions that jeopardize public safety may impact SCE's ability to provide advanced notice to customers. Notifications can be provided via email, text, voice call, and TTY formats; zip code-level alerts; and NextDoor.

ENHANCEMENTS TO COMMUNICATIONS

Website Improvements

- Dedicated PSPS page
- Fire Weather and PSPS information
- Increased capacity to handle website visits
- Improved maps
 - Look up PSPS events and status by address
 - Maps showing locations of Community Resource Centers and Community Crew Vehicles
 - Providing estimated restoration times

Notifications

- Zip code PSPS notifications
- Expanded use of social media (e.g. Nextdoor)
- Imminent notifications when possible

CUSTOMER CARE PROGRAMS FOR YOUR COMMUNITY

Local Community Resources

- Community Crew Vehicles (CCV) and Community Resource Centers (CRC)
 - May include water (including bulk potable water), ice, blankets, solar powered USB chargers, onsite phone charging, outage information, and other resources
 - CRC at Santa Paula Community Center; working to secure additional locations

Rebates & Programs

- Self-Generation Incentive Program (SGIP)
 - Rebates for whole home energy storage
- \$50 rebate for small appliance & device battery backup
- \$300-\$500 generator rebate for well water dependent customers
- Fully subsidized Critical Care customer battery back-up (income qualified)

TALKING WITH OUR COMMUNITIES

- On-going community meetings held in high fire risk areas
- Meetings with cities, counties and tribal governments
- Outreach to essential service providers
- Advertising campaign in market educating customers about preparing for power shutoffs
- Letters communicating potential power shutoffs planned for all customers in service territory



REACHING VULNERABLE COMMUNITIES

- **Engaging with our most vulnerable customers**
- **Partnering with community-based organizations and community stakeholders such as Independent Living Centers and 211 organizations**
- **Supporting resiliency, working with existing philanthropic partners and deploying customer programs for PSPS preparedness, all-hazard awareness and emergency planning**
- **Encouraging customers to sign up for medical baseline and critical care programs**

INVESTING IN OUR COMMUNITIES

A firefighter in full gear, including a helmet with the number 6, is walking towards the camera while holding a leaf blower. In the background, other firefighters are visible near a fire station entrance. The station has a large glass door and a red metal frame structure to the left. The number 16 is visible on the building's exterior.

- **Keeping our communities safer through wildfire mitigation and preparedness**
 - **First responder safety**
 - **Community readiness**
 - **Resiliency and disaster recovery**

Website: [sce.com/wildfire](https://www.sce.com/wildfire)
Email: wildfireoutreach@sce.com
Social Media: @SCE on Twitter & Facebook
SCE Customer Support: 1-800-655-4555

GIVE FEEDBACK



- Provide us your feedback through the email survey or our website
- Presentation and meeting recording available

SIGN UP



- PSPS alerts
- SCE's Medical Baseline program
- SCE programs and rebates

BE PREPARED



- Be prepared with a safety preparedness plan, some basic supplies and advance planning
- Power outage tips

USEFUL INFORMATION

SCE Wildfire Web Page – [sce.com/wildfire](https://www.sce.com/wildfire)

SCE Notifications

- Sign up for PSPS alerts – [sce.com/pspsalerts](https://www.sce.com/pspsalerts)

Situational Awareness

- PSPS maps and information – [sce.com/psps](https://www.sce.com/psps)
- Role of weather in PSPS – [sce.com/fireweather](https://www.sce.com/fireweather)
- CPUC wildfire maps – [cpuc.ca.gov/wildfiresinfo](https://www.cpuc.ca.gov/wildfiresinfo)
- Fire cameras – [alertwildfire.org](https://www.alertwildfire.org)

Preparedness

- SCE outage tips – [sce.com/outagetips](https://www.sce.com/outagetips)
- SCE emergency preparedness – [sce.com/beprepared](https://www.sce.com/beprepared)
- SCE Medical Baseline Program – [sce.com/medicalbaseline](https://www.sce.com/medicalbaseline)
- CAL FIRE fire preparedness – [readyforwildfire.org](https://www.readyforwildfire.org)
- Red Cross emergency preparedness – [redcross.org/prepare](https://www.redcross.org/prepare)
- FEMA emergency preparedness – [ready.gov](https://www.ready.gov)

Vegetation Management

- Vegetation Management – [sce.com/safety/power-lines](https://www.sce.com/safety/power-lines); contact 1-800-655-4555 or safetrees@sce.com

Rebates

- SCE Marketplace (rebates and programs) – [marketplace.sce.com](https://www.marketplace.sce.com)
- Self Generation Incentive Program (SGIP) – [sce.com/sgip](https://www.sce.com/sgip) or [selfgenca.com](https://www.selfgenca.com)

Social Media

- Follow **@SCE** on Twitter and Facebook

SCE COVID-19 CUSTOMER CARE PROGRAMS

www.sce.com/covid19

Resource	Description	Link
Energy Assistance Fund (EAF)	Income-qualified customers experiencing COVID-19 financial hardship due to quarantine, illness, caring for loved ones or business closures can apply for assistance to pay their electric bill.	sce.com/eaf
California Alternate Rates for Energy (CARE) or Family Electric Rate Assistance (FERA) Programs	The CARE program provides income-qualified households a discount of about 30% on monthly electric bills. FERA provides a reduced monthly discount of 18% for income-qualified households of three or more.	sce.com/fera
Medical Baseline	Customers who use electrically operated medical devices in their homes are eligible and those enrolled will receive additional electricity per day at a discounted rate.	sce.com/medicalbaseline
Suspension of service disconnections for nonpayment, waiving late fees	SCE has suspended service disconnections for nonpayment and is waiving late fees for residential and business customers impacted by the COVID-19 emergency.	sce.com/billhelp
Rate Plan Comparison Tool	SCE offers several Time-of-Use rates that offer lower rates during daytime hours when people are now home.	sce.com/rateplantool
Budget Assistant	You can also sign up for alerts if your next projected bill is expected to exceed your spending goal using SCE's free Budget Assistant tool.	sce.com/budgetassistant