



# Our Commitment to California

Keeping our communities safe from wildfires

Community Meeting for Mono, Inyo, Fresno,  
Tulare, Madera, and Tuolumne Counties  
June 3, 2021

# HOW TO SUBMIT A QUESTION

- You can submit a question using the Q&A window throughout the session
- If there is a similar question already being asked that you would like answered, you can click on the “thumbs up” icon next to the question to “like” it
- Please only submit questions that are relevant to the presentation and topics being presented

# SCE PRESENTERS



**Brian Thoburn**  
Government Relations Manager  
Local Public Affairs



**Christy Fanous**  
Managing Director,  
Compliance, Vegetation &  
Operational Services



**Rob Tucker**  
Principal Manager  
Transmission & Distribution



**Mike Marelli**  
Vice President  
Business Customer Division

# AGENDA

- 2020 Wildfire Season
- SCE's Wildfire Mitigation Plan
- Public Safety Power Shutoffs
- Reducing the Need for PSPS
- Customer Care Programs
- Engaging Our Communities
- Resources
- Q&A



# DISASTER PREPAREDNESS



EASY + FREE STEPS TO GET READY



**GET ALERTS**  
to know what to do.



**MAKE A PLAN**  
to protect your people.



**PACK A GO BAG**  
with things you need.



**BUILD A STAY BOX**  
for when you can't leave.



**HELP FRIENDS**  
and neighbors get ready.

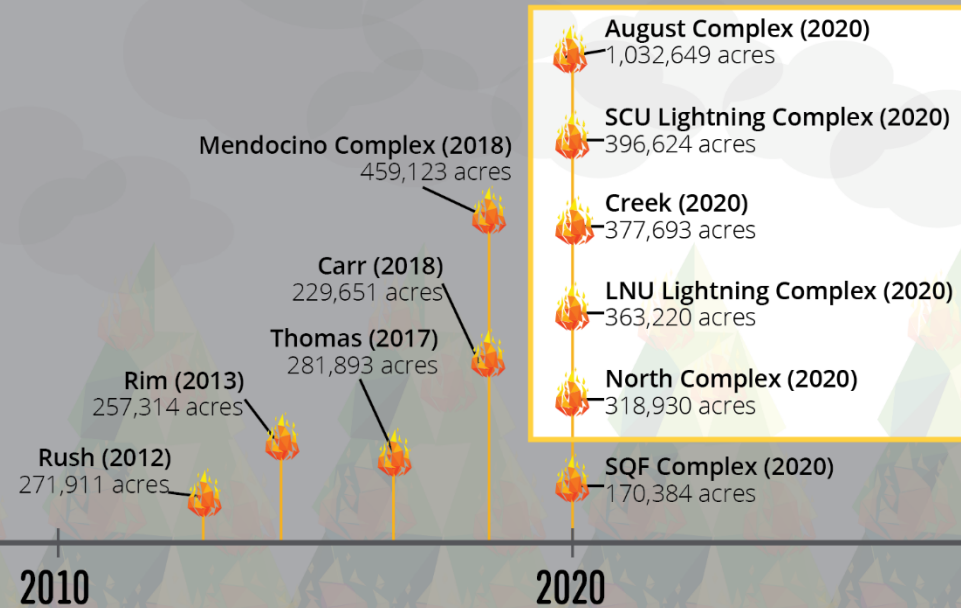
Text **LISTOSCA** to  
**72345** to get disaster  
preparedness tips



# 2020 WILDFIRE SEASON

California's wildfires in 2020 were the worst on record, with dry vegetation and strong winds threatening our communities during an unprecedented fire season

**5 OF THE 6  
LARGEST CALIFORNIA  
WILDFIRES  
HAVE HAPPENED IN  
2020\***



Source: [https://www.fire.ca.gov/media/4jandlhh/top20\\_acres.pdf](https://www.fire.ca.gov/media/4jandlhh/top20_acres.pdf)

# SCE's PSPS EXECUTION

- **To reduce the threat of wildfires, SCE implemented Public Safety Power Shutoffs (PSPS) that impacted about 138,000 customers, with some customers experiencing multiple PSPS outages**
- **We understand the significant impact that PSPS has on communities, especially during a pandemic when many people are working and learning from home**
- **PSPS is used as a tool of last resort to protect public safety under dangerous fire weather conditions**
- **We are working to reduce the impact of PSPS and are continuing to strengthen the electric grid to become more resilient in the face of extreme weather events**

# OUR WILDFIRE MITIGATION PLAN



## Grid Hardening

Improving the electrical system to make the grid more resilient in high fire risk areas, improving reliability and reducing wildfire risk



## Situational Awareness

Using a dense network of weather stations and wildfire cameras to monitor location-specific, real-time conditions that help inform operational decision-making



## High Fire Risk Inspections

Annually inspect equipment in high fire risk areas for any needed maintenance, repair or replacement, prioritizing the highest-risk structures



## Vegetation Management

Annually inspect, trim and remove trees to prevent vegetation from coming into contact with electrical equipment and potentially sparking a fire

[safetrees@sce.com](mailto:safetrees@sce.com)



## Public Safety Power Shutoffs

Tool of last resort to protect our communities from the threat of wildfire, where we temporarily shut off power to prevent our electric system from becoming the source of an ignition





# PSPS DECISION POINTS

[sce.com/pspsdecisionmaking](https://sce.com/pspsdecisionmaking)

Decision points include, but are not limited to:



- National Weather Service 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**

# OUR PSPS ACTION PLAN

We are implementing a plan to reduce the impact of PSPS to our customers and communities

## Reducing the Need for PSPS

Expediting grid hardening and other measures

## Executing PSPS More Effectively

Making decision-making process transparent, improving communications and notifications

## Reducing the Impacts of PSPS

Increasing customer and community resiliency

## Keeping Partners and Customers Informed

Educating and engaging our communities and stakeholders

## Enhancing Post-Event Reporting

Improving our post-event reports to make them more transparent and clearer

# REDUCING THE NEED FOR PSPS

- We are putting specific emphasis on those circuits most frequently impacted by PSPS while continuing work on other circuits subject to PSPS
- Grid hardening make circuits more resilient in the face of extreme weather events and reduce the scope, frequency and duration of future PSPS events



Above photos: SCE crew installing insulated wire

# TOOLS TO REDUCE NEED FOR PSPS

## Insulated Wires

Targeted replacement of bare wire with insulated wires (covered conductor) to be able to safely raise windspeed thresholds for PSPS

## Segmentation

Installing additional automated devices to further isolate and reduce the number of customers that have to be de-energized per circuit

## Weather Stations

Adding new weather stations to improve situational awareness and increase accuracy of PSPS operations – so only those circuits facing danger are in scope

## Switching Protocols

Continuing to develop circuit-specific protocols to move customers to nearby circuits not impacted by PSPS, to reduce the number of customers remaining on an affected circuit

## Operational Protocols

Up-to-date information on ground conditions, such as lack of vegetation, recent burn scars, and location of poles and wires are considered to assess wildfire threat and the need for PSPS

# Why Does My Neighbor Have Power and I Don't?

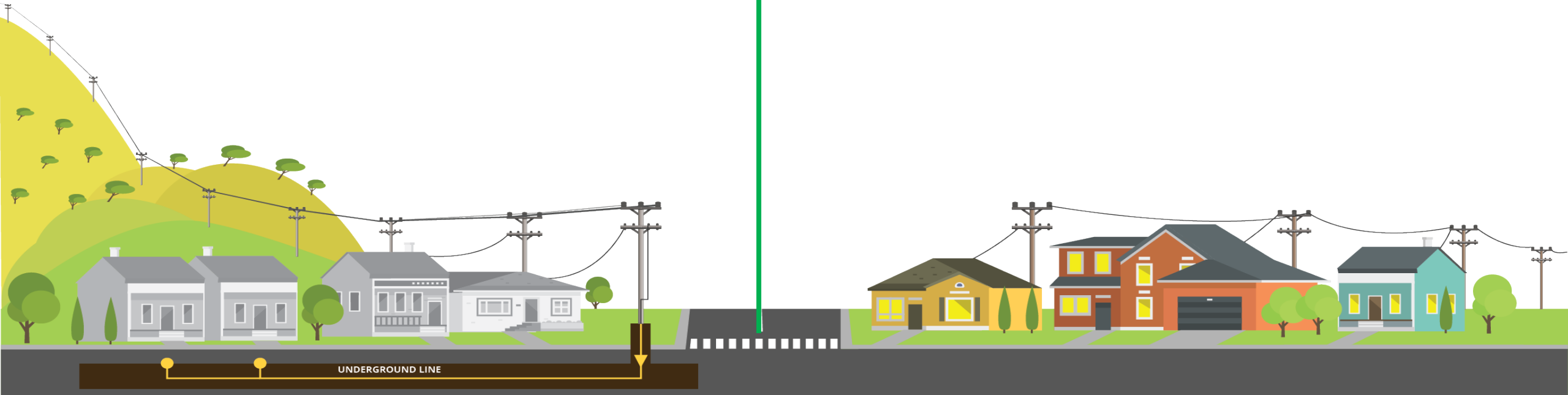
The location of your home or business on a circuit and the area of severe weather relative to your local substation are important factors in determining whether or not you are impacted by a Public Safety Power Shutoff (PSPS)

## 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



# SCE WILDFIRE MITIGATION ACTIVITIES (2018-2020)

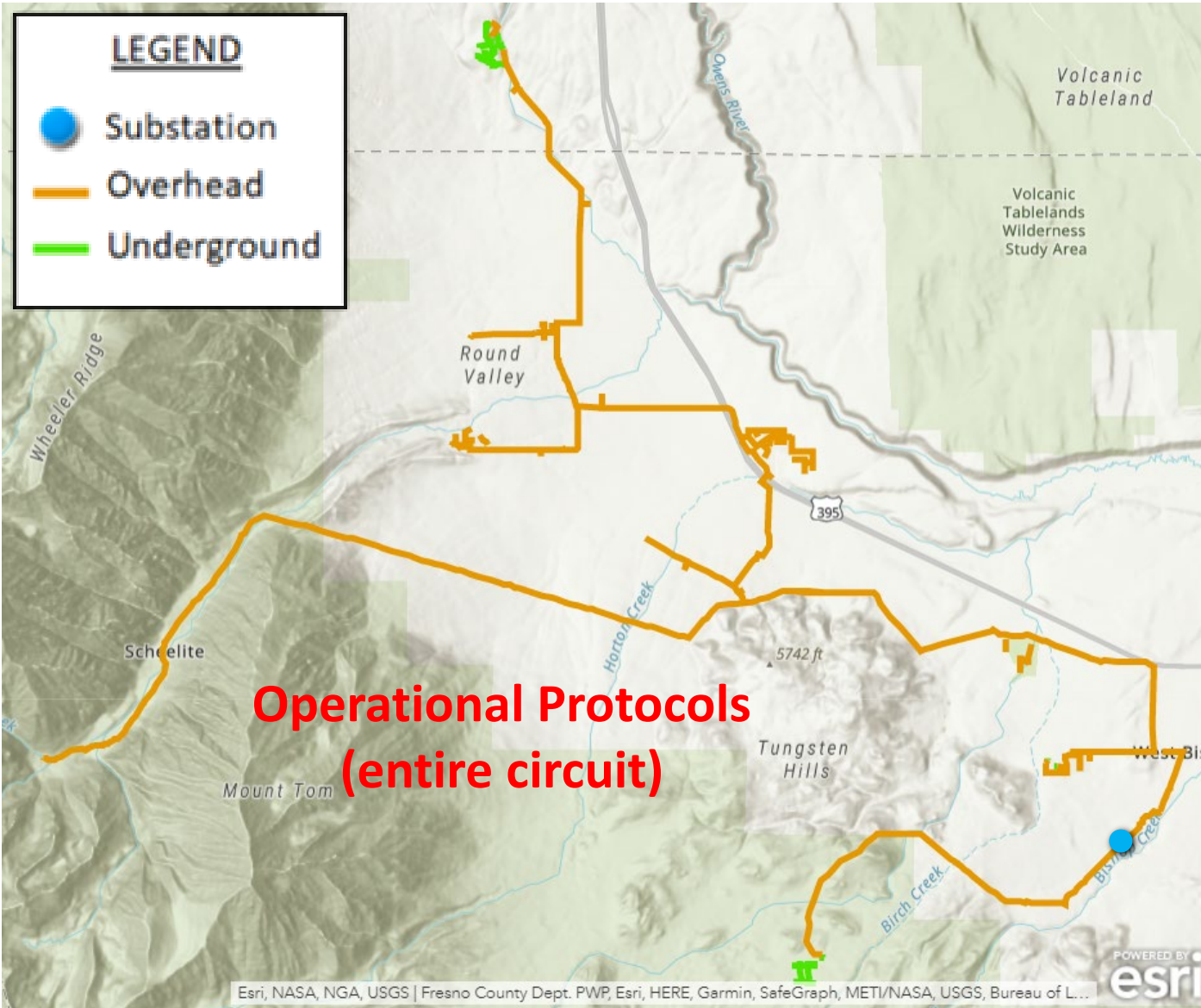
	Fresno County	Inyo County	Mono County	Tulare County
Distribution Asset Inspections	6,803	3,504	11,950	22,923
Transmission Asset Inspections	1,668	4,769	5,745	2,696
Insulated Wire (circuit miles installed)	6	0	3	101
Fire-Resistant Poles	4	10	103	330
Fast-Acting Fuses	40	62	174	555
Sectionalizing Devices	0	0	7	0
Hazard Tree Management (trees assessed)	36,295	285	8,927	12,946
Weather Stations	19	11	40	31
High-Definition Wildfire Cameras	0	0	0	8
Community Resource Centers (sites available)	0	2	0	4
Community Crew Vehicles	8 vehicles available throughout SCE's service area			

*\*SCE tracks wildfire initiative progress by SCE districts and extrapolates to the county level as a reasonable approximation.*

*\*\*For the latest progress on SCE's wildfire mitigation efforts, visit [sce.com/wildfire/wildfire-mitigation-efforts](https://www.sce.com/wildfire/wildfire-mitigation-efforts)*

# EXAMPLE OF REDUCING THE NEED FOR PSPS

For circuit details and status, visit:  
[sce.com/pspsenhancements](https://sce.com/pspsenhancements)



**Circuit:** Birchim

## Communities

- Inyo County:** Round Valley, West Bishop
- Mono County:** Paradise Valley, Swall Meadows

## Planned Work:

- Implement operational protocols to raise PPS thresholds

## Expected Completion Date:

- Completed

## Expected Improvements:

- Unknown at this time – will be assessed based on performance observed in 2021 PPS season

# PSPS COMMUNICATIONS

## Notifications

- SCE provides PSPS notifications through various communication channels
  - SCE Account Holders (email, text, and voice call)
  - Zip Code
  - NextDoor
- Sign up to stay informed before, during and after a PSPS event

## PSPS Outage Map

- Outage status look up is also available on our website

The screenshot shows the 'View Impacted Areas' section of the SCE website. At the top, there is a search bar with the placeholder text 'Enter an address, county, zip code or place to see if it is impacted.' Below the search bar is a map of Southern California with various cities labeled, including Santa Maria, Lancaster, Palmdale, Santa Clarita, Simi Valley, Oxnard, Thousand Oaks, Santa Monica, Rancho Cucamonga, Ontario, Pomona, Riverside, Corona, Banning, Cathedral City, Palm Indio, Desert, Murrieta, Escondido, and Oceanside. The map features several icons: a yellow lightning bolt in a square (Power Shutoff), a blue square with a white lightning bolt (Under PSPS consideration), a yellow truck with a lightning bolt (Community Crew Vehicles), and a green triangle with a lightning bolt (Community Resource Centers). Below the map, there are two tabs: 'PSPS Areas' (selected) and 'High Risk Fire Areas'. A legend below the tabs identifies the icons: Power Shutoff, Under PSPS consideration, Community Crew Vehicles, and Community Resource Centers. At the bottom right, there is a yellow button labeled 'Report an Outage' and a yellow bar at the very bottom with the text 'Get Outage Alerts' and an upward-pointing arrow.



# CUSTOMER CARE PROGRAMS

## Rebates & Programs

- Fully subsidized Critical Care Backup Battery Program
  - Eligible Medical Baseline customers\*
- \$50 rebate for portable batteries (small device battery backup)
- \$300 & \$500 portable generator rebates for well water dependent customers
- Self-Generation Incentive Program (SGIP)

## Care During Outages

- Community Crew Vehicles and Community Resource Centers
  - Information & Customer Support
  - Resiliency Kits

## Community Resiliency

- Resiliency zones targeting essential services in rural communities providing back-up generation during PSPS

\*Income-qualified Medical Baseline customers living in high-risk fire areas

# ENGAGING OUR COMMUNITIES

- **Customer education and community outreach**
  - Use of digital, social media, media and radio channels
  - Community meetings for impacted communities
  - Annual PSPS newsletter to all customers
  - Engage our most vulnerable customers
  - Partner with community-based organizations to support resiliency and emergency preparedness
- **Ongoing engagement with government officials, public safety partners, essential service providers and other stakeholders**



Website: [sce.com/wildfire](https://www.sce.com/wildfire)

Email: [wildfireoutreach@sce.com](mailto:wildfireoutreach@sce.com)

Social Media: @SCE on Twitter & Facebook

SCE Customer Support: 1-800-655-4555

## LEARN MORE



- Visit our website to learn more about our wildfire safety efforts and Public Safety Power Shutoffs (PSPS)
- Provide feedback through the survey

## 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

# Additional Resources

Energy for What's Ahead<sup>SM</sup>



# HELPFUL INFORMATION & RESOURCES

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

## SCE Notifications

- Sign up for PSPS alerts – [sce.com/pspsalerts](https://www.sce.com/pspsalerts)
- Sign up for the Energized by Edison Wildfire Mitigation Newsletter – [energized.edison.com/newsletter](https://energized.edison.com/newsletter)

## Situational Awareness

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

## Preparedness

- SCE emergency preparedness – [sce.com/beprepared](https://www.sce.com/beprepared)
- CAL FIRE fire preparedness – [readyforwildfire.org](https://www.readyforwildfire.org)
- Red Cross emergency preparedness – [redcross.org/prepare](https://www.redcross.org/prepare)
- Listos California – [listocalifornia.org](https://www.listocalifornia.org)

## 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](mailto:safetrees@sce.com)

## Customer Programs & Rebates

- SCE Customer Programs & Resources – [sce.com/customerresources](https://www.sce.com/customerresources)
- SCE Marketplace (rebates and programs) – [marketplace.sce.com](https://www.marketplace.sce.com)
- SCE Medical Baseline Program – [sce.com/medicalbaseline](https://www.sce.com/medicalbaseline)
- Self Generation Incentive Program (SGIP) – [sce.com/sgip](https://www.sce.com/sgip) or [selfgenca.com](https://www.selfgenca.com)

## Community Meetings

- Join SCE's wildfire safety community meetings – [sce.com/wildfiresafetymeetings](https://www.sce.com/wildfiresafetymeetings)

## Social Media

- Follow [@SCE](https://twitter.com/SCE) on Twitter and Facebook