



SOUTHERN CALIFORNIA  
**EDISON**<sup>®</sup>

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OUR COMMITMENT TO  
KEEPING SANTA  
BARBARA COUNTY  
SAFE

THIS MEETING WILL  
BEGIN PROMPTLY AT  
6:30 P.M.



# **GOVERNMENT RELATIONS MANAGER**

**NATALIE YANEZ**

# AGENDA

6:30 p.m.	Welcome   Safety   Introductions	<b>Natalie Yanez</b> Government Relations Manager, Local Public Affairs
6:35 p.m.	Opening Remarks	<b>Vice Mayor Monica Solorzano</b> City of Carpinteria <b>Fire Marshal Mike LoMonaco</b> Carpinteria-Summerland Fire Protection District
6:45 p.m.	Santa Barbara Office of Emergency Management	<b>Stacy Silva</b> Associate Director
6:50 p.m.	Weather & Fire Science	<b>Jude Schneider</b> Senior Advisor, Wildfire PSPS Response
7:00 p.m.	Wildfire Safety/Grid Hardening PSPS Operations Update	<b>Terry Ohanian</b> PSPS Evaluation & Evolution
7:15 p.m.	Customer Programs and Resiliency	<b>Rosa Perea</b> Senior Manager, PSPS Customer Experience
7:25 p.m.	Q&A   Closing Remarks	<b>Natalie Yanez</b>

# SAFETY NEAR DOWNED WIRES

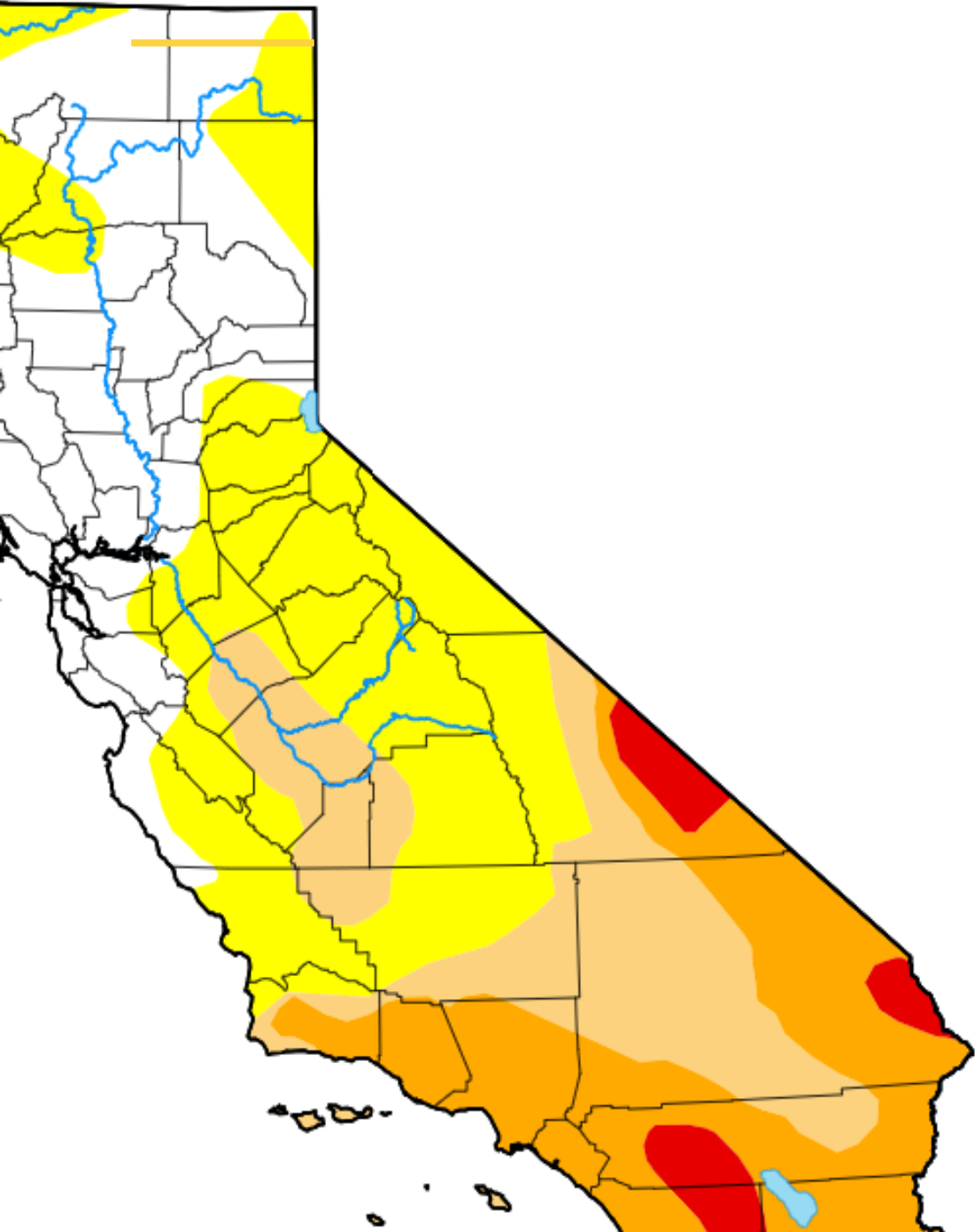


- **Stay away and call 911**
- Stay clear of anything contacting downed power wires
- Stay clear of vehicles near downed power wires
- If escape is necessary, do so carefully

*Damage observed while conducting power restoration patrols on circuits de-energized during the January 2025 PSPS events.*

# **WEATHER & FIRE SCIENCE**

**Jude Schneider**



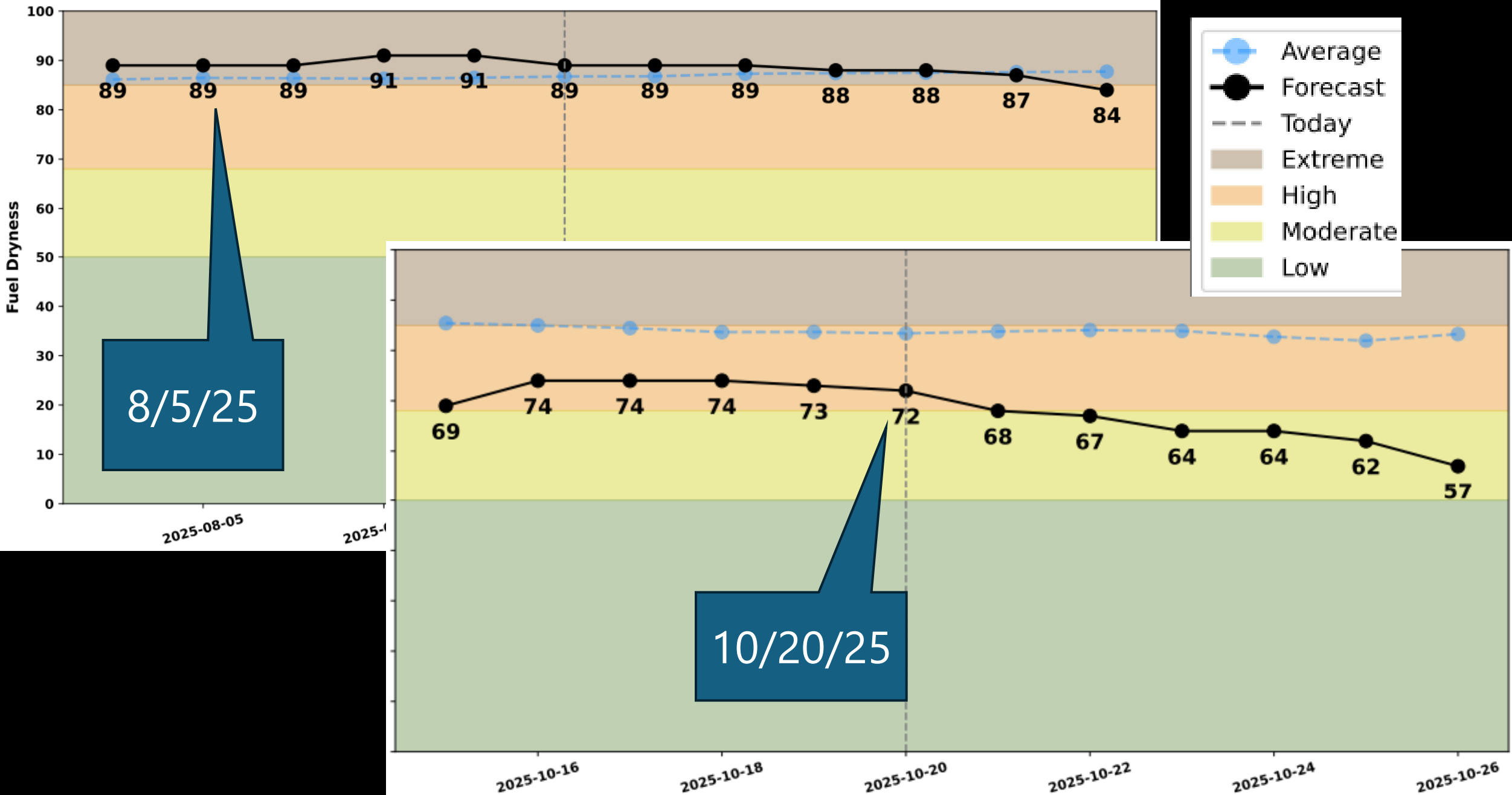
## WEATHER AND WILDFIRE FORECAST

Large fires possible during windy, dry periods prior to the onset of winter precipitation.

PSPS will continue during elevated wind and dry periods.

# Fuels Index Multi Day Forecast

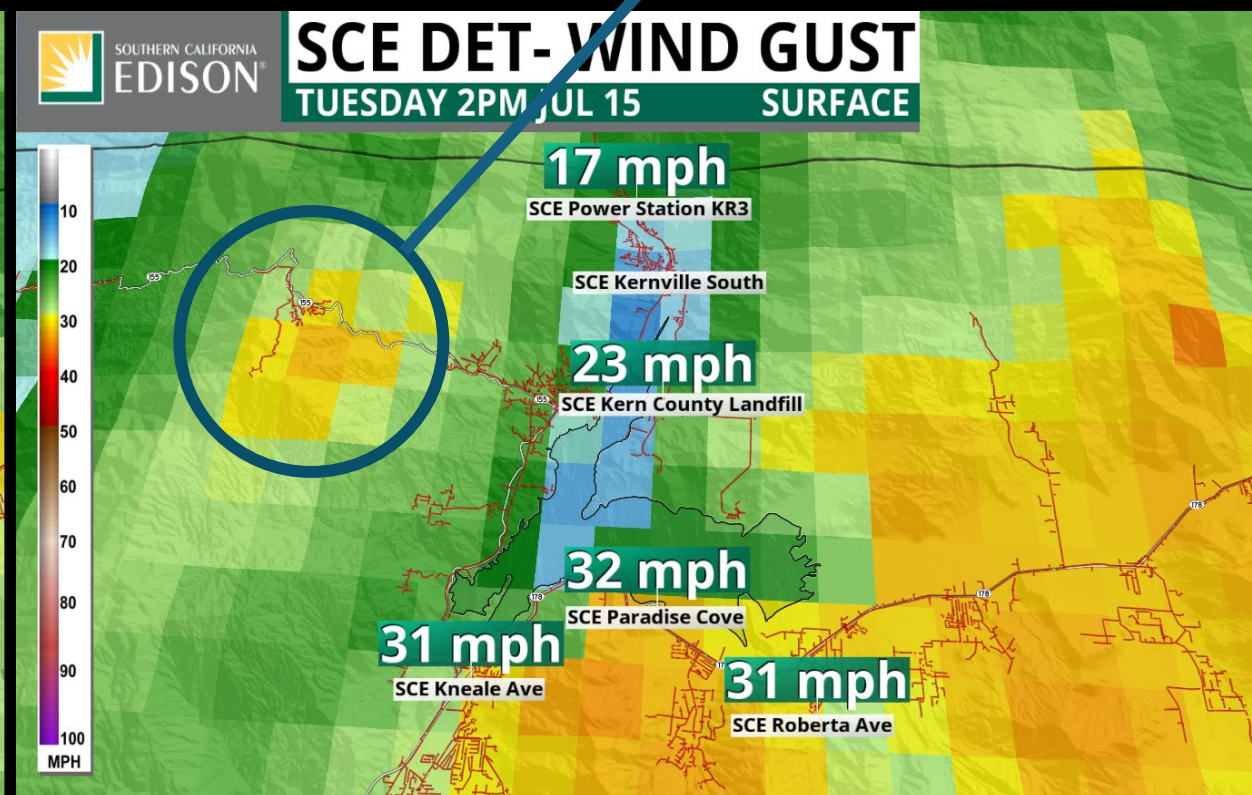
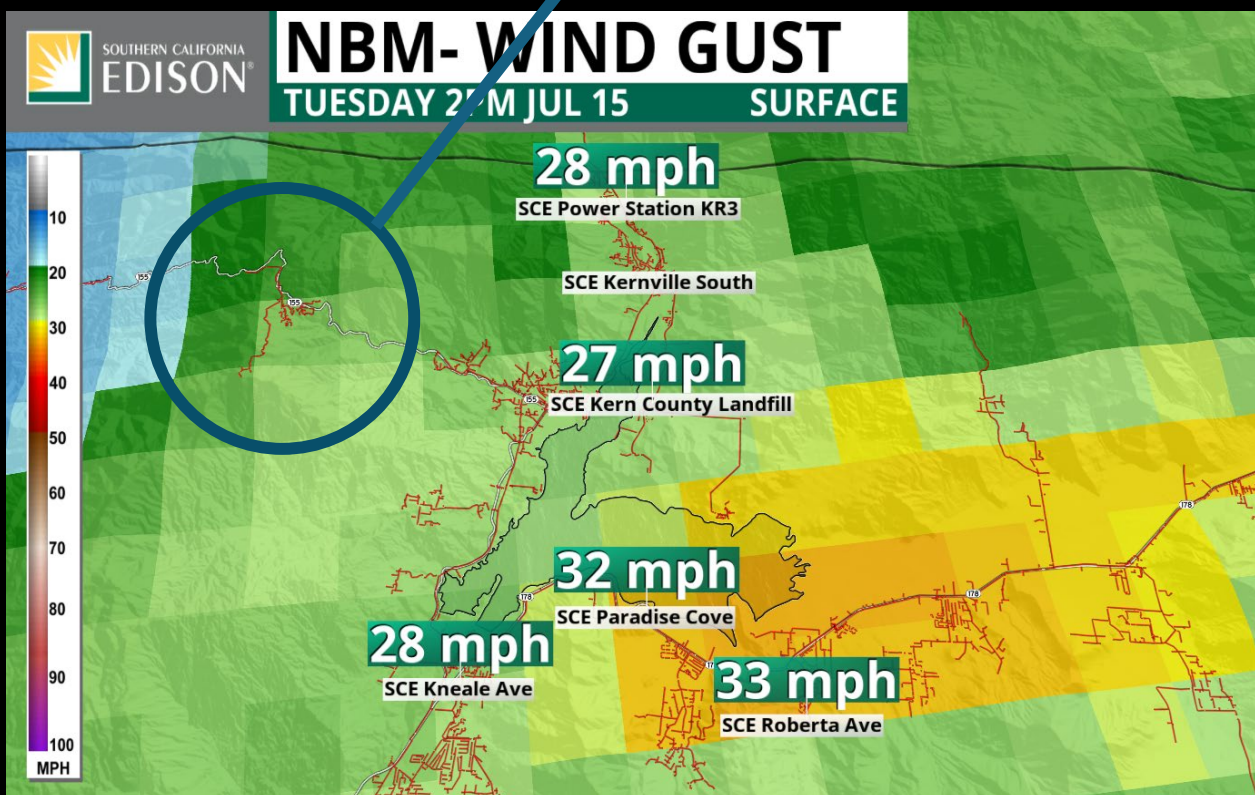
FCZ 1



# NATIONAL WEATHER SERVICE VS. SCE FORECAST GUIDANCE

NOAA-based model averages across larger areas (3km<sup>2</sup>)

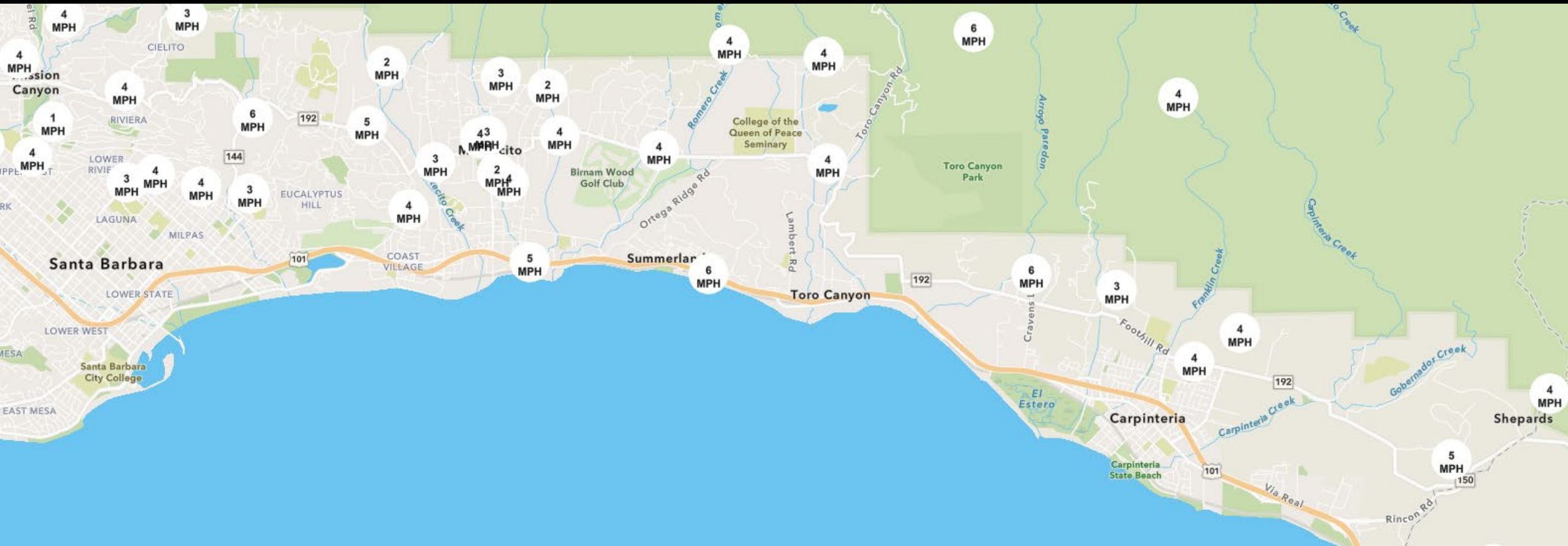
More granular (2km<sup>2</sup>) SCE forecast sees weather for individual circuits



# WEATHER STATIONS

**1,870** Weather  
Stations in SCE area

**103** in Santa Barbara  
County



# ANATOMY OF A WEATHER STATION

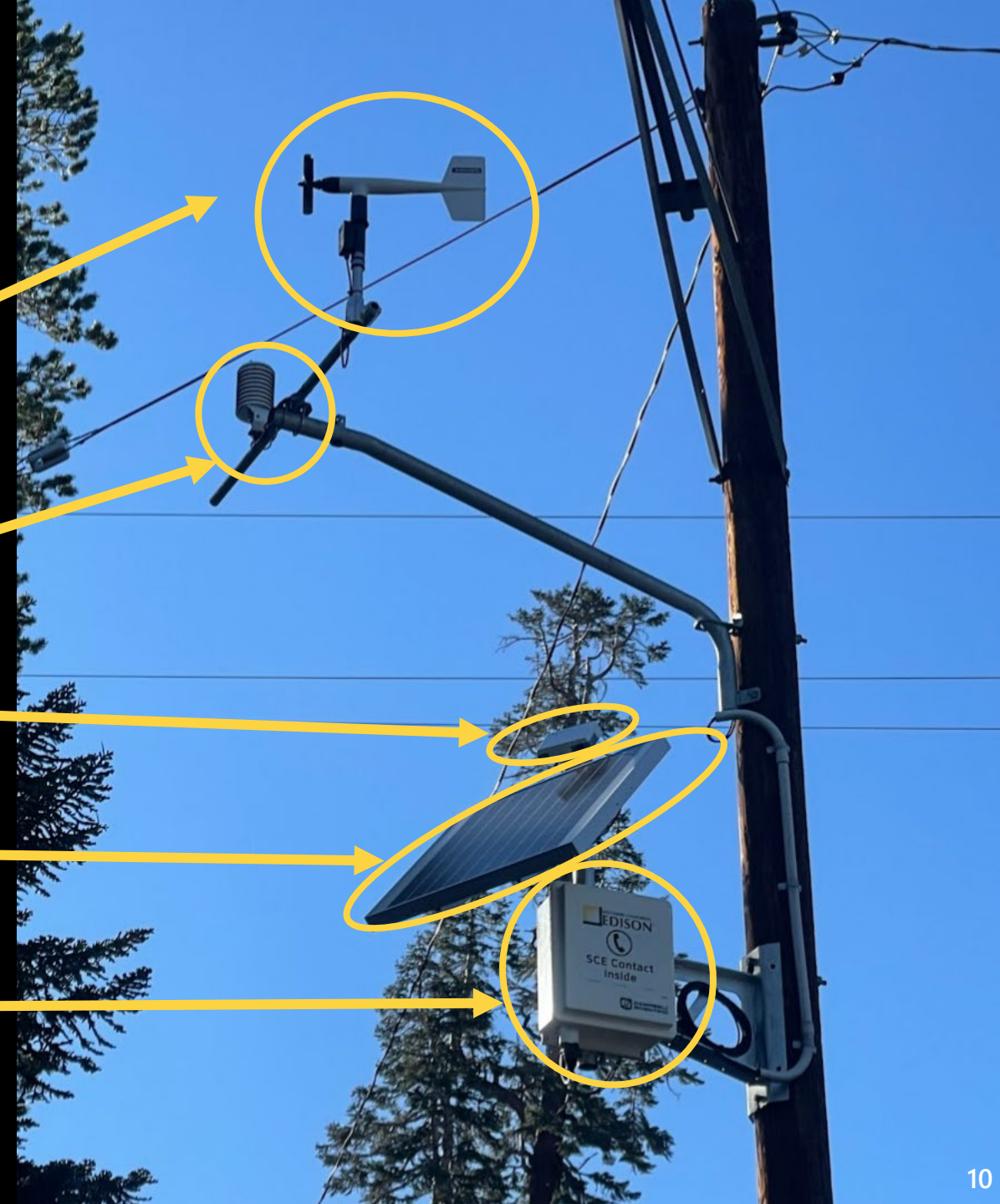
Wind Monitor

Temperature/RH Sensor

Satellite Communicator

Solar Panel

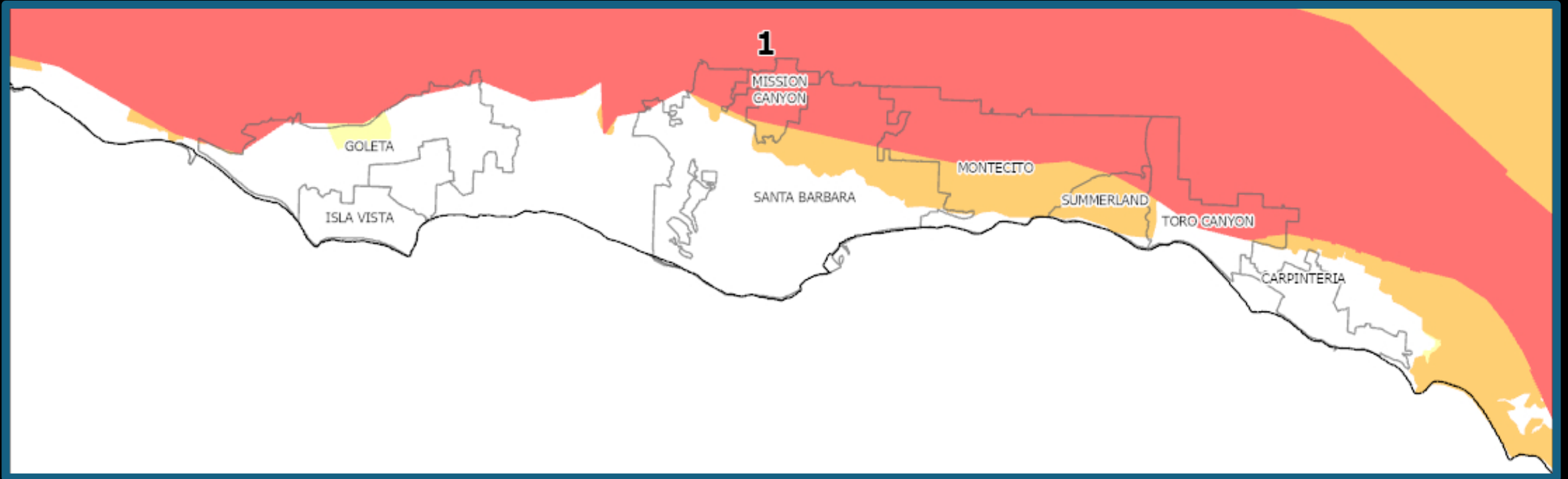
Data Logger/Battery



# **PSPS OPERATIONS UPDATE & GRID HARDENING**

**Terry Ohanian**

# FIRE POTENTIAL INDEX THRESHOLDS



## **FIRE POTENTIAL INDEX (FPI)**

Is a formula used to estimate the potential of fire ignition and spread

## **HIGH FIRE RISK AREAS (HFRAs)**

Correspond to CPUC High Fire Threat Districts (HFTD), with small deviations

*When specific conditions suggest more risk, baseline FPI thresholds may be reduced.*

# WINDSPEED THRESHOLDS

Windspeed thresholds for **activation** are based on **forecasts**, and Windspeed triggers for **shut offs** are based on **actual weather**



**NWS Wind Advisory level:** 31 mph sustained winds or 46 mph gusts, or speeds reach local extremes.

**Activation threshold for:**  
Uncovered (bare wire) or partially-covered circuits \*

**Shutoff trigger for:** Uncovered (bare wire) segments \*



**NWS High Wind Warning:** 40 mph sustained winds or 58 mph gusts.

**Activation threshold for:**  
Fully covered (covered conductor) circuits \*

**Shutoff trigger for:** Fully covered (covered conductor) segments \*

\* Windspeed triggers can be lowered based on circuit, environment and event-specific factors to determine circuit specific shut off values for each event.

# PSPS PROGRAM UPDATES

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## DECISION-MAKING REFINEMENTS

When new criteria are applied, suggests 20-40% more PSPS activation days and event size is up to twice as large in 2025 assuming similar weather to 2024

## NEW HFRA CIRCUITS / EXPANDED BOUNDARIES

Includes areas and customers that have not experienced PSPS in the past

## 24/7 MONITORING AND ALERT SYSTEM

Capturing unexpected weather (outside of current PSPS activation) meeting PSPS de-energization thresholds

# GRID HARDENING STATUS UPDATE

**119 Miles**

COMPLETED  
COVERED  
CONDUCTOR

**12**

COMPLETED  
REMOTE  
CONTROLLED SWITCH

**SANTA BARBARA  
COUNTY  
GRID HARDENING**

**161 Miles**

PENDING  
COVERED  
CONDUCTOR

**15 Miles**

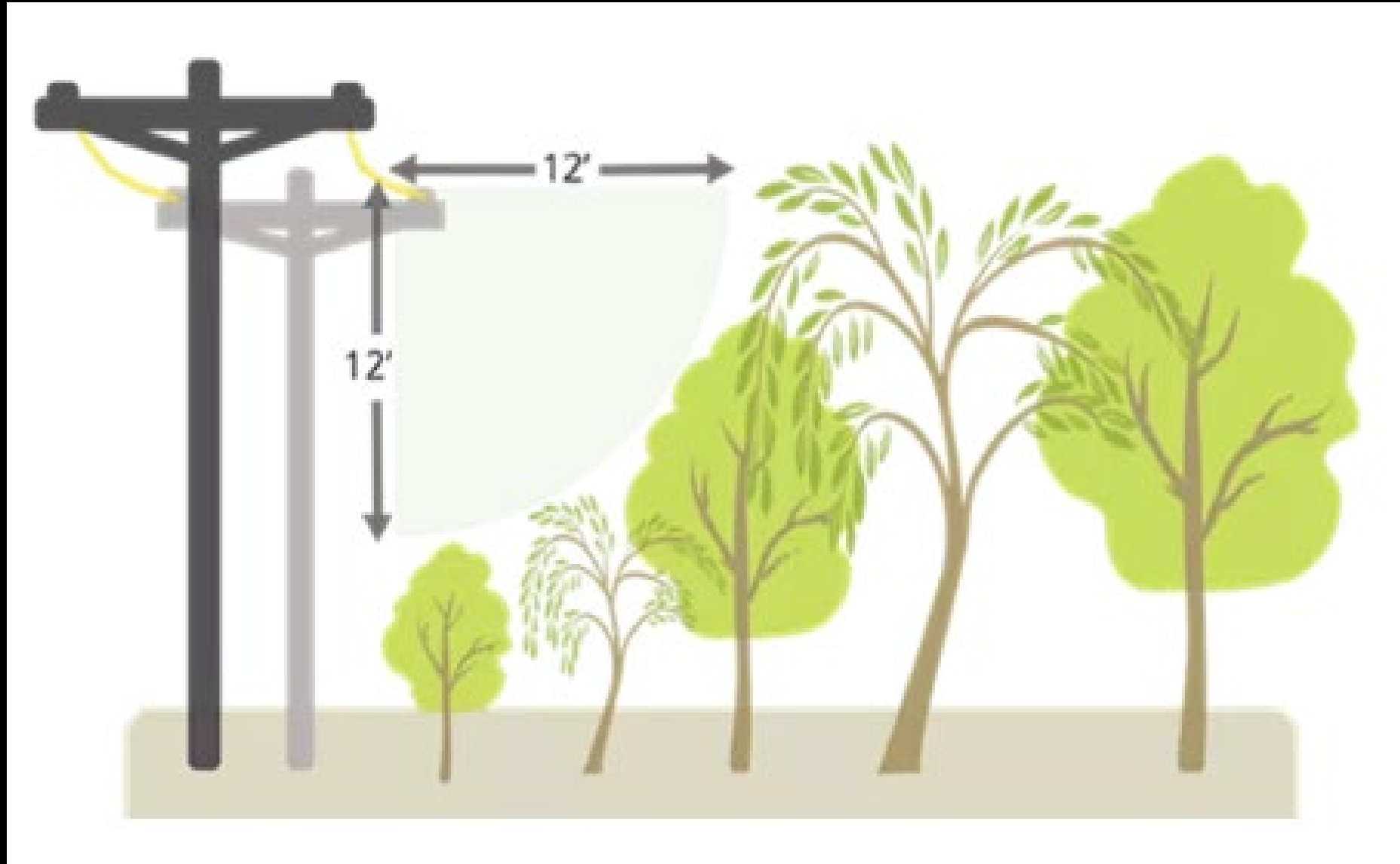
PENDING  
TARGETED  
UNDERGROUND

# VEGETATION MANAGEMENT

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1.6 million  
annual tree  
inspections--  
749,000 in  
HFRAS

Hazard tree  
removal beyond  
traditional trim  
zone



# PSPS NOTIFICATION TIMELINE

## PLANNING AND MONITORING

**4-7 DAYS AHEAD** SCE begins planning for potential PSPS

**3 DAYS AHEAD WHEN POSSIBLE** Incident Management Team activated  
Initial notification sent to all customers and public safety partners

**DAILY UPDATES 1-2 DAYS AHEAD** Daily update notifications sent as the weather forecast is refined

**1-4 HOURS BEFORE SHUTOFF** Expected shutoff notification

## OUTAGE AND RECOVERY

**POWER SHUTOFF** Sent after authorization

**RESTORATION EFFORTS BEGIN** Sent when restoration patrols begin

**POWER RESTORATION** Sent after inspection

*Advance notifications may not be possible in unexpected weather conditions.*

# OUTAGE TYPES

	Is it PSPS?	Is it Repair?	Is it Maintenance?
Notifications	First notification 1-3 days before planned shut off/ mentions <u>high winds</u> and <u>fire conditions</u>	First notification is typically up to 10 minutes after shutoff / lets customers know <u>SCE is responding</u>	First notification up to 10 days before shut off / mentions <u>need for repairs</u>
Customers required to receive notifications	<b>YES</b> Emergency communications	<b>NO</b> Customers must sign up	<b>NO</b> Customers must sign up
Average Length	23 hours, but can be longer	Depends on complexity: often same day restoration	Typically, less than 5 hours

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



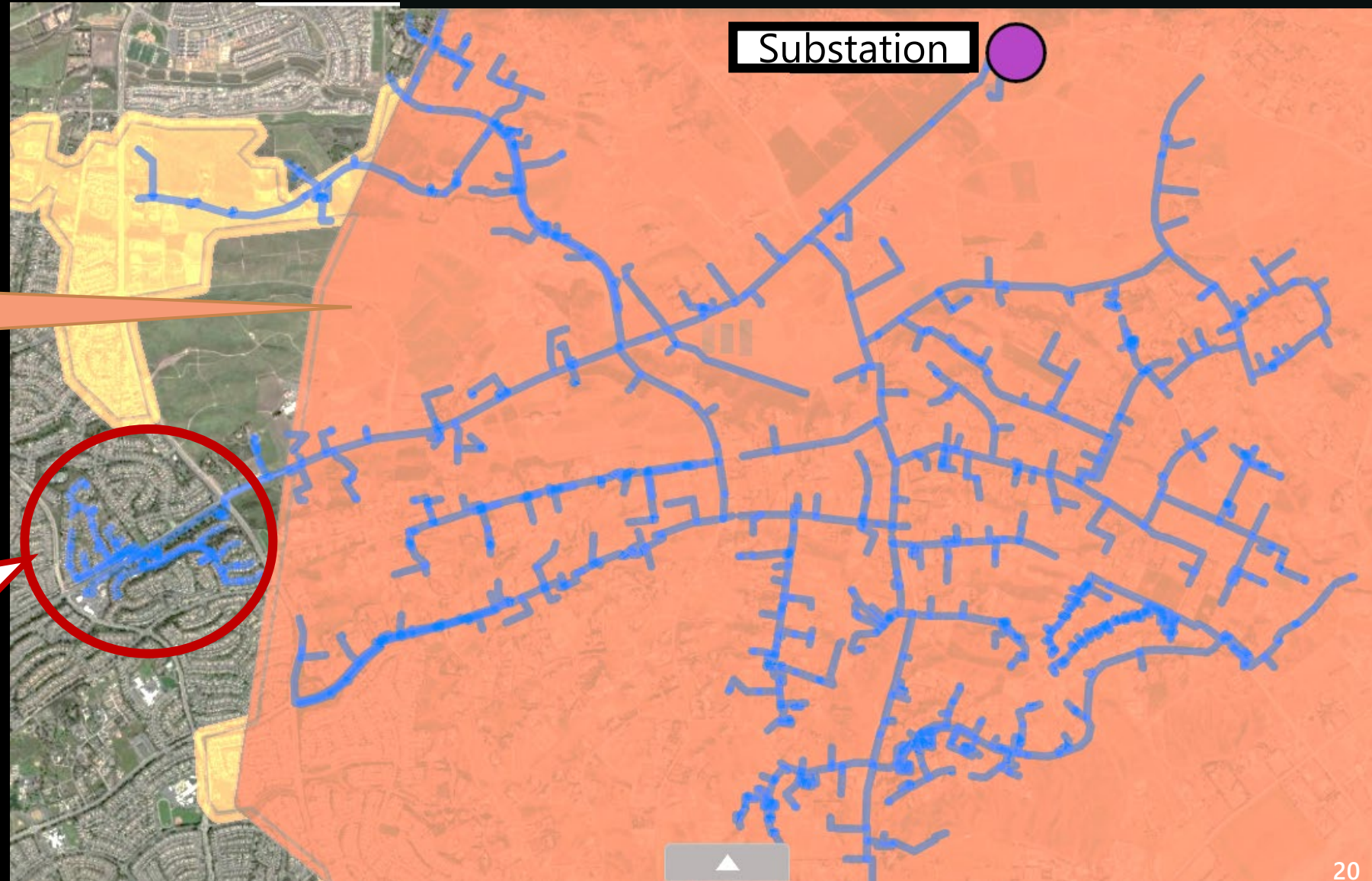
# WHY IS MY POWER OUT WHEN IT ISN'T WINDY?

## Actual SCE Circuit

Tier 3 High Fire Risk Area

Undergrounded neighborhood

Maps available at  
[drpep.sce.com](http://drpep.sce.com)



# **CUSTOMER SUPPORT AND RESILIENCY**

**Rosa Perea**

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## MITIGATING IMPACTS OF PSPS – COMMUNITY CARE RESOURCES

### **101 Community Resource Centers** (9 are resilient)

provide water, snacks, thermal bags for medication, and access to charging stations for mobile devices and medical equipment

### **8 Community Crew Vehicles**

deployed to locations where we can't open an indoor center; provide similar services as Community Resource Centers

### **8 Resiliency Zone Sites**

powered by backup generator provided by SCE to operate even if the local power is down

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## CUSTOMER BACK-UP BATTERY PROGRAMS

- **Critical Care Battery Backup Program** for customers on Medical Baseline Allowance
- **In-Event Battery Loan Program** for customers with medical devices or assistive technologies
- **\$200 / \$600 rebates** on qualifying portable generators
- **\$150 rebate** on portable power stations
- **Self-Generation Incentive Program (SGIP)** for energy storage and solar

# **ADDITIONAL SUPPORT**

**Access & Functional Needs (AFN)  
Resources**

**Local Food Banks**

**Community Based  
Organizations**



# **MICROGRIDS FOR RESIDENTIAL CUSTOMERS**

**Typically consist of  
solar + battery storage**

**Have blue-sky benefits  
(time-of-use load  
shifting, demand  
response)**

**Solar can require  
significant rooftop  
square footage**

**Interconnected in  
parallel with the grid**

**Eligible for tax  
benefits/grants**

**Require interconnection  
agreement**

# **BACKUP GENERATORS**

**Safety  
considerations**

**Requires  
interconnection  
application when  
connected to panel**

**Most are gas or  
diesel (requiring  
refueling), some  
are natural gas**

**Requires  
maintenance,  
testing, training,  
etc.**

**Can be noisy & foul  
smelling**

**Not considered a  
clean source of  
power**

# PSPS CUSTOMER COMMUNICATIONS

## Notifications

- SCE provides PSPS notifications through various communication channels
  - SCE Account Holders (email, text, and voice call)
  - Address Level Alerts
- Non-customers can sign up at [scepssp.com](https://scepssp.com)

## SCE Outage Map

- Consolidated outage map that incorporates PSPS outages at [sce.com/outagemap](https://sce.com/outagemap)

The screenshot displays the SCE Outage Map website. At the top, there's a search bar labeled "Search by address, city, county or ZIP" with a magnifying glass icon. Below it is a link: "Click here to enter the outage number and check the status". The main content area is divided into several sections: "Current Outages" (28 Outages | 1,065 Customers Impacted), "Upcoming Scheduled Outages" (1,531 Outages Scheduled | 68,293 Customers Possibly Impacted), "Public Safety Power Shutoff (PSPS)" (Search for an address to see specific PSPS details or see county-level details [below](#)), "Not Seeing Your Outage?" (Last Updated: 5/2/2022 - 6:02 PM PST) with a yellow "Report" button, and "Outage Alerts" (Stay informed about unplanned repair and planned maintenance outages) with a "Get Alerts" button. At the bottom, there's a "Community Support" section with icons for "Resource Centers", "Crew Vehicles", and "Further Assistance". Below these icons, it states: "SCE Community Resource Centers are available to support customers during a Public Safety Power Shutoffs... [More](#)". On the right side of the page is a map of Southern California with various locations marked with yellow warning icons and numbers (e.g., 54, 39, 21, 57, 85, 250, 133, 72). The map includes labels for cities like Lancaster, Palmdale, Santa Clarita, Simi Valley, Thousand Oaks, Los Angeles, West Covina, Ontario, Corona, Anaheim, Santa Monica, Redondo Beach, Huntington Beach, Lake Forest, Laguna Niguel, and San Clemente. The map also shows major highways and geographical features like the Pacific Ocean and San Gabriel River.

# Q&A

*If you have a question or concern that is not addressed today, please email us at **SCE***

***Wildfire Safety Outreach:***  
*[wildfireoutreach@sce.com](mailto:wildfireoutreach@sce.com)*



**Share your  
feedback about  
the meeting**

# HELPFUL INFORMATION & RESOURCES

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

## SCE Notifications

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

## Situational Awareness

- SCE outage map – [sce.com/outagemap](https://www.sce.com/outagemap)
- Role of weather in PSPS – [sce.com/fireweather](https://www.sce.com/fireweather)
- Weather awareness for PSPS, fire detection map & wildfire cameras – [sce.com/wildfire/weather-awareness](https://www.sce.com/wildfire/weather-awareness)
- Weather stations – [sce.com/weatherstations](https://www.sce.com/weatherstations)
- CPUC high fire threat district maps – [ia.cpuc.ca.gov/firemap/](https://ia.cpuc.ca.gov/firemap/)

## Preparedness

- SCE emergency preparedness – [sce.com/beprepared](https://www.sce.com/beprepared)
- CAL FIRE preparedness – [readyforwildfire.org](https://readyforwildfire.org)

## Safety

- Report an object caught on a power line: 1-800-611-1911

## 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)

## Targeted Undergrounding

- Targeted Undergrounding – [sce.com/tug](https://www.sce.com/tug); contact 1-888-331-0010 or [SCEprojects@sce.com](mailto:SCEprojects@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://marketplace.sce.com)
- SCE Critical Care Backup Battery Program – [sce.com/ccbb](https://www.sce.com/ccbb)
- SCE Access & Functional Needs Resources – [sce.com/afn](https://www.sce.com/afn)
- 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://selfgenca.com)
- SCE Income Qualified Programs – [sce.com/iqp](https://www.sce.com/iqp)
- SCE Customer Support: 1-800-655-4555

## Community Meetings

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

## Energized by Edison

- Corrections to recent articles & online content – [edison.com/edison-for-the-record](https://www.edison.com/edison-for-the-record)

**THANK YOU for joining us.**

Contact email:

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