



SOUTHERN CALIFORNIA
EDISON[®]

OUR COMMITMENT
TO KEEPING
FILLMORE SAFE

THIS MEETING WILL
BEGIN PROMPTLY AT
6:00 P.M.



AGENDA

TOPIC

PRESENTER

Welcome | Safety | Introductions

Ian Anderson

Government Relations Manager, Local Public Affairs

Fillmore Fire Department

Chief Ron Ramirez

County Fire Division

Chief Anthony Occhipinti

Weather & Fire Science

Jude Schneider

Senior Advisor, Wildfire PSPS Response, Business Resiliency

Wildfire Safety

PSPS Operations Update/Grid Hardening

Terry Ohanian

PSPS Evaluation & Evolution

Customer Programs and Resiliency

Lori Blackwell

Principal Manager, Outage & PSPS

Q&A

Ian Anderson

Government Relations Manager, Local Public Affairs

Closing Remarks

Ian Anderson

Government Relations Manager, Local Public Affairs

SAFETY NEAR DOWNED WIRES

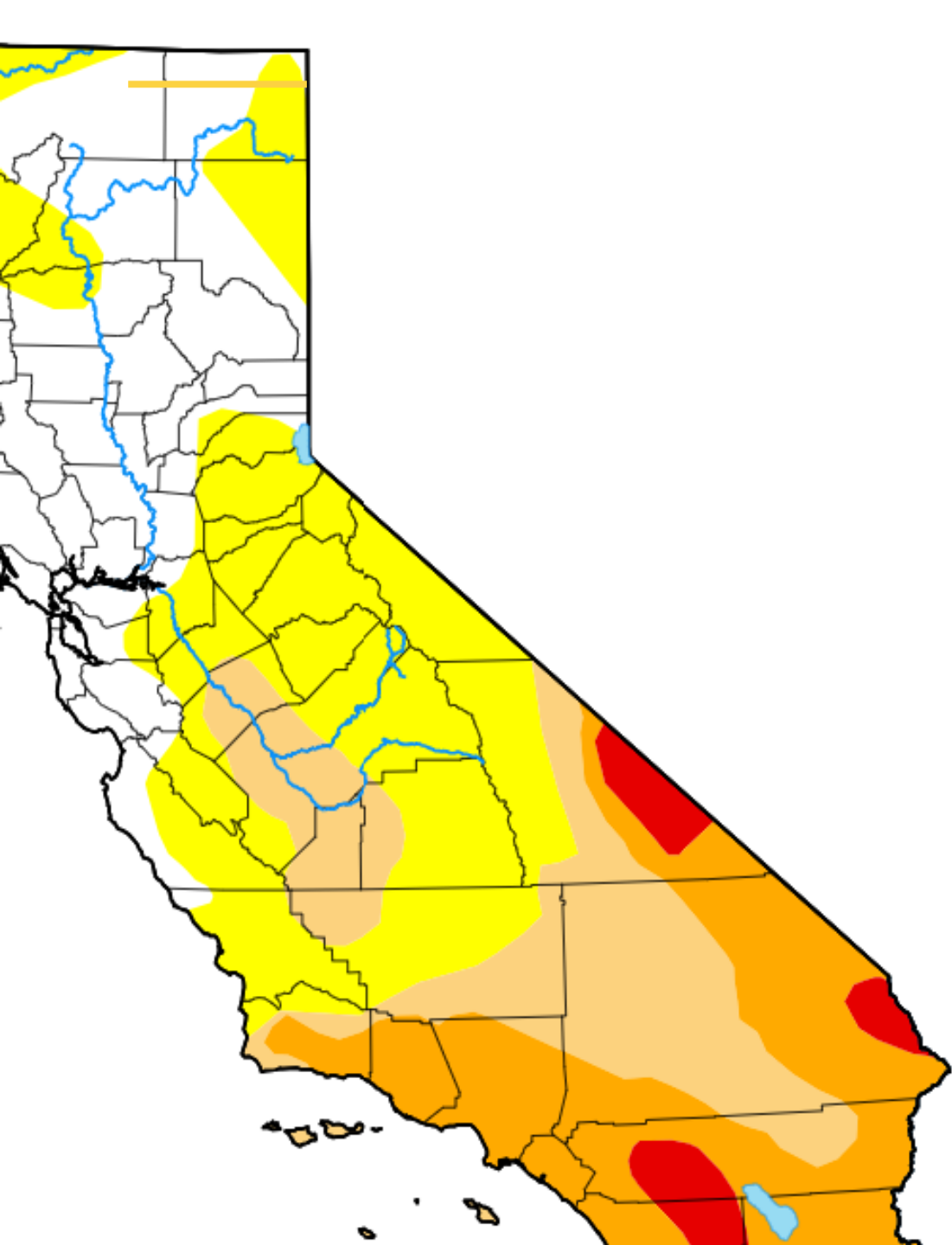


- **Stay away and call 911**
- Stay clear of anything contacting downed power wires
- Stay clear of vehicles near downed power wires
- If escape is necessary, do so carefully

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

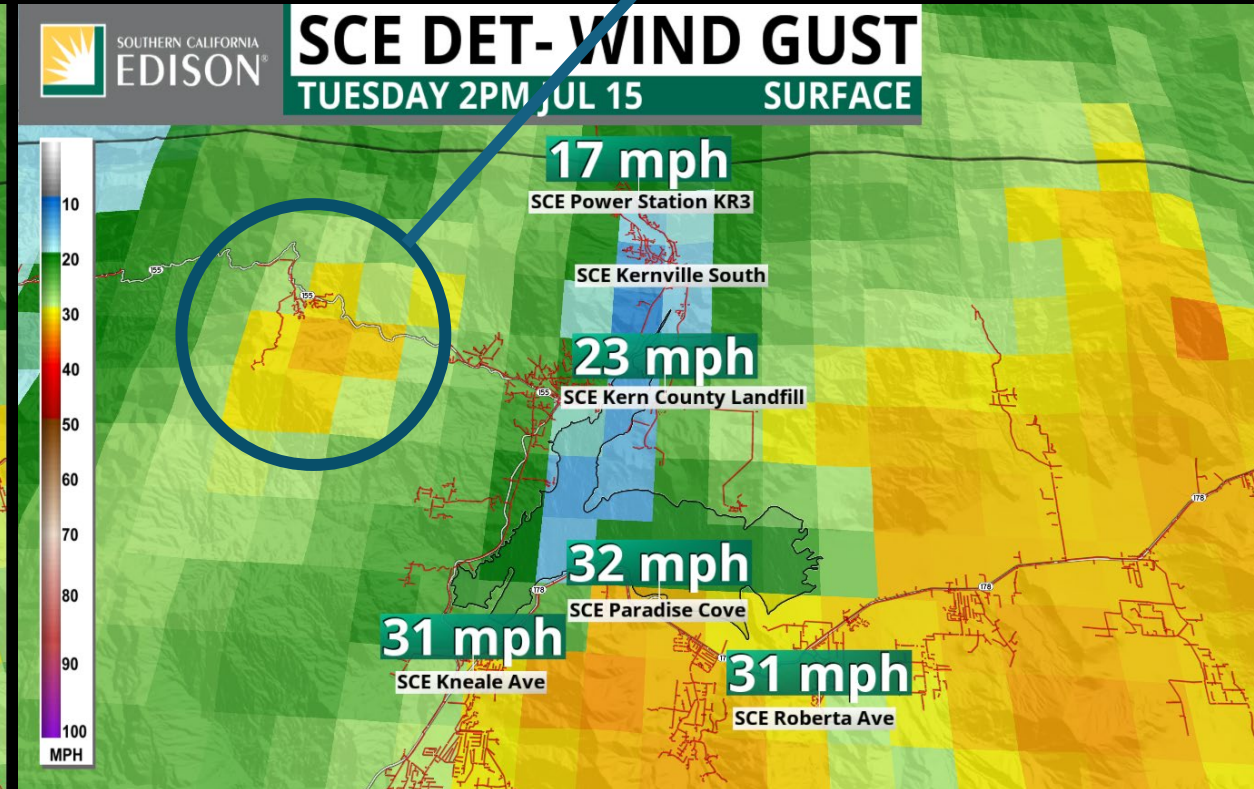
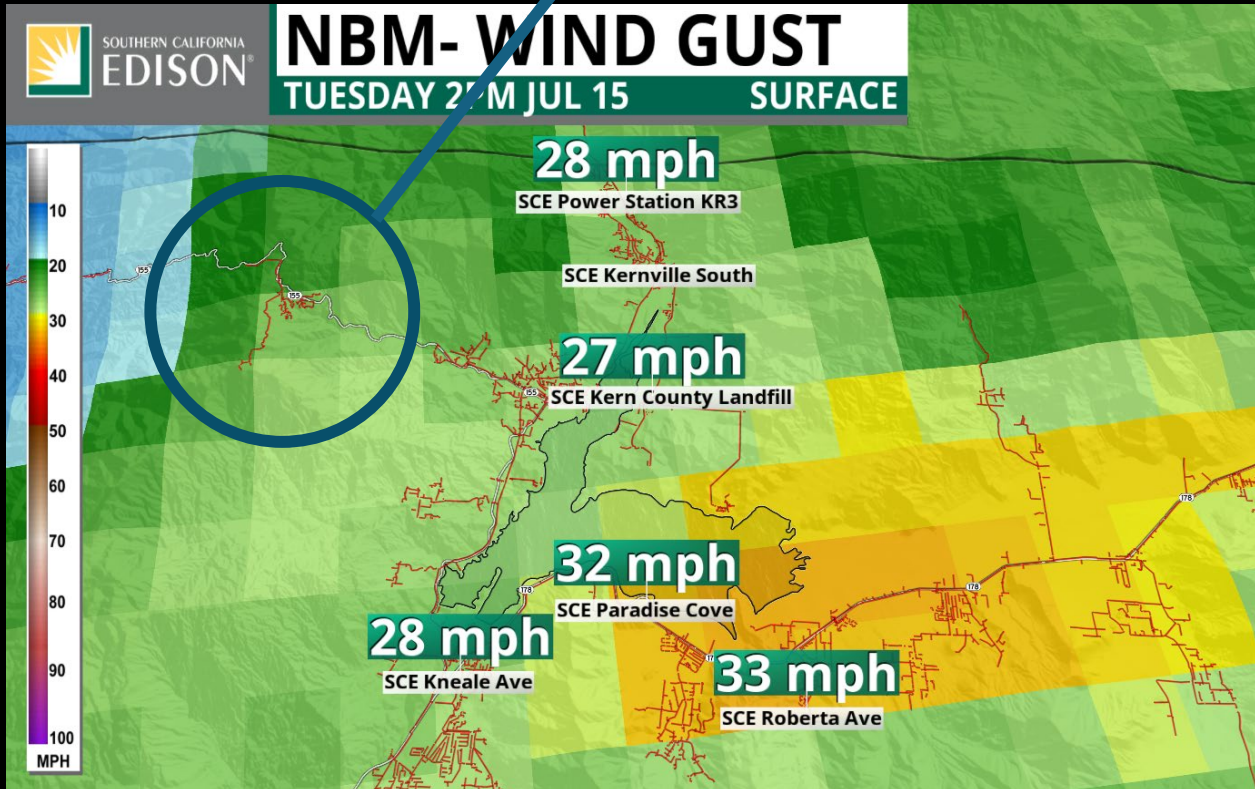
Large fires possible during windy, dry periods prior to the onset of winter precipitation.

PSPS will continue during elevated wind and dry periods.

NATIONAL WEATHER SERVICE VS. SCE FORECAST GUIDANCE

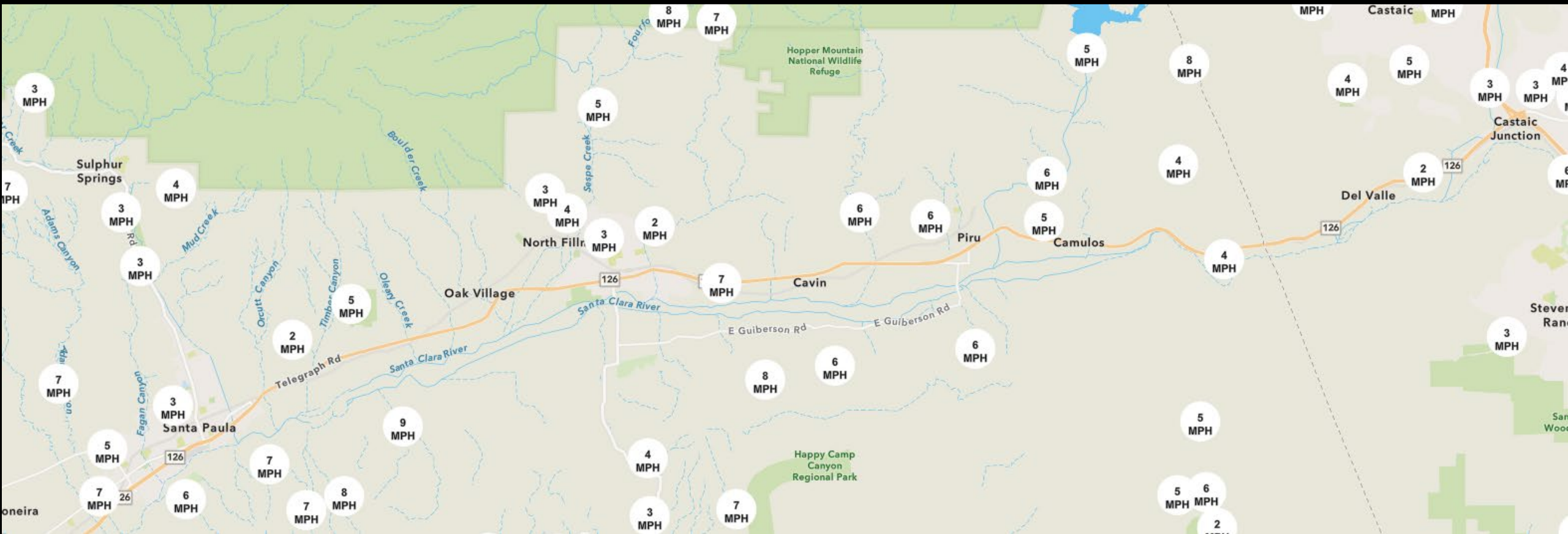
NOAA-based model averages across larger areas (3km²)

More granular (2km²) SCE forecast sees weather for individual circuits



STRATEGIC WEATHER STATION – FILLMORE

- ~1,870 weather stations
- A dense network of weather stations enables strategic de-energization decisions.



ANATOMY OF A WEATHER STATION

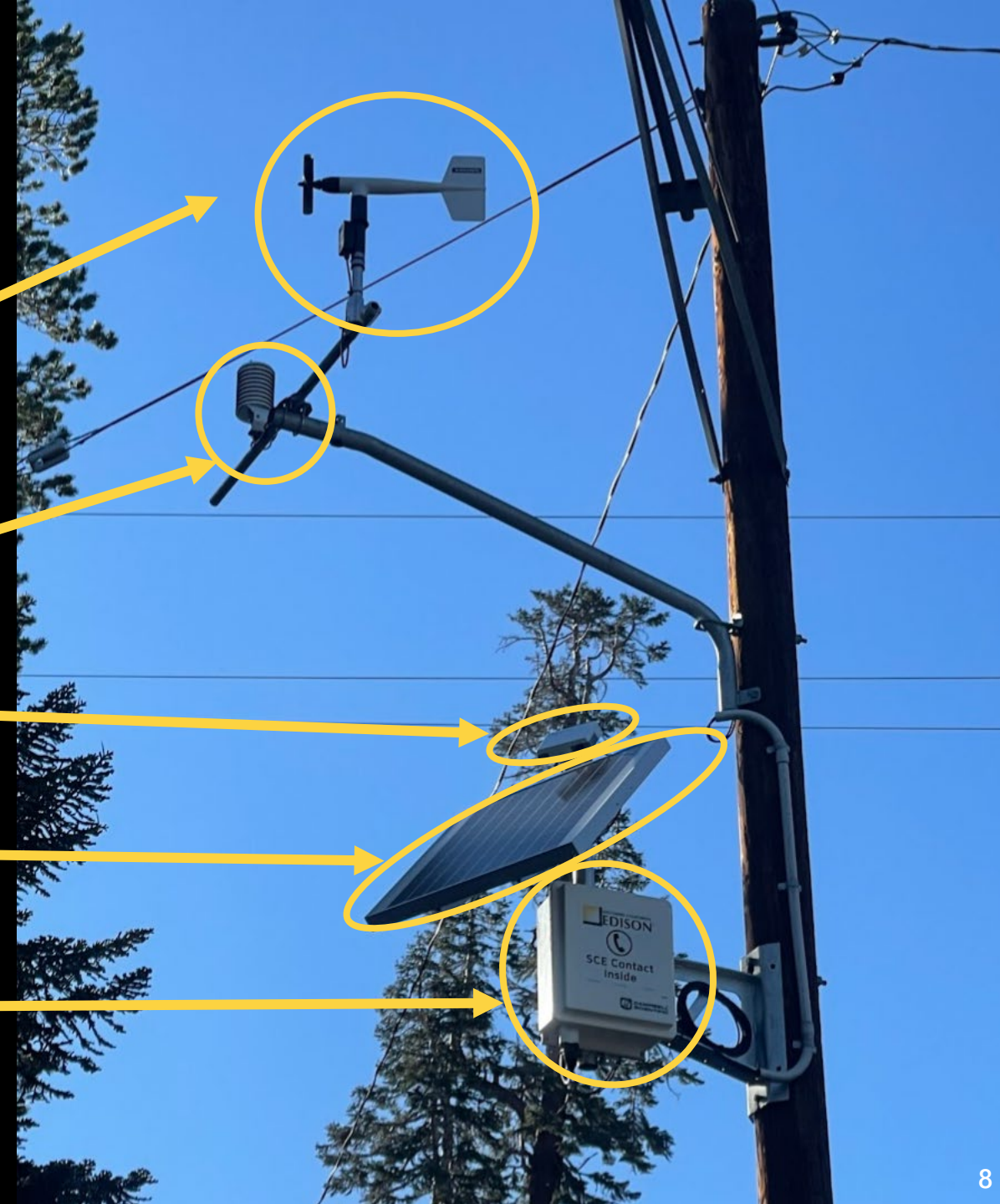
Wind Monitor

Temperature/RH Sensor

Satellite Communicator

Solar Panel

Data Logger/Battery



PSPS OPERATIONS UPDATE & GRID HARDENING

Terry Ohanian

112 Miles

**COMPLETED
COVERED
CONDUCTOR**

4

**COMPLETED REMOTE
CONTROLLED SWITCHES /
AUTOMATIC RECLOSERS**

**GRID HARDENING
IN
FILLMORE**

26 Miles

**PENDING
COVERED
CONDUCTOR**

3 Miles

**PENDING
TARGETED
UNDERGROUND**

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

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

group similar vegetation, weather,
topography, and fire history

FCZ 1:

FPI thresholds are set for each FCZ.
*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 when speeds reach local extremes.

Activation threshold for:
Uncovered/partially-covered circuits

Shutoff trigger for: Uncovered segments*



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

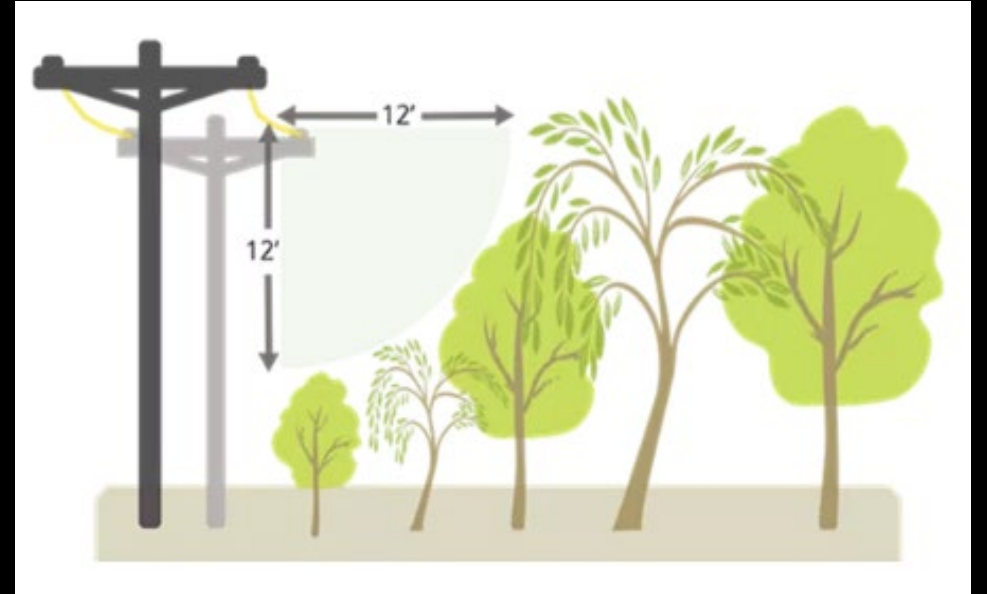
Activation threshold for:
Fully covered circuits *

Shutoff trigger for: Fully-covered segments *

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

VEGETATION MANAGEMENT

- SCE inspects every year up to 1.6 million trees that might pose a hazard to power lines throughout its 50,000-square-mile service area
- More than 749,000 are located in high fire risk areas
- Hazard tree removal beyond traditional trim zone
- Vegetation removal at poles and around power lines
- Remote sensing and satellite technology utilized to enhance inspections and vegetation management



PSPS NOTIFICATION TIMELINE

**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

PLANNING AND MONITORING

**POWER
SHUTOFF** Sent after
authorization

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

**POWER
RESTORATION** Sent after
inspection

OUTAGE AND RECOVERY

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

EDISON OUTAGE TYPE

	Is it PSPS?	Is it Maintenance?	Is it Repair?
Notifications	First notification is typically 1-3 days before the planned shut off and mentions high winds and fire conditions	First notification is typically up to 10 days before the planned shut off and mentions the need for repairs to area electrical infrastructure	First notification is typically up to 10 minutes after the power shuts off and lets customers know that SCE is responding
Average Length	23 hours, but can be longer	5 hours	Depends on complexity: usually same day restoration

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



Yellow shaded area is Tier 2 HFRA and may be shut off during PSPS

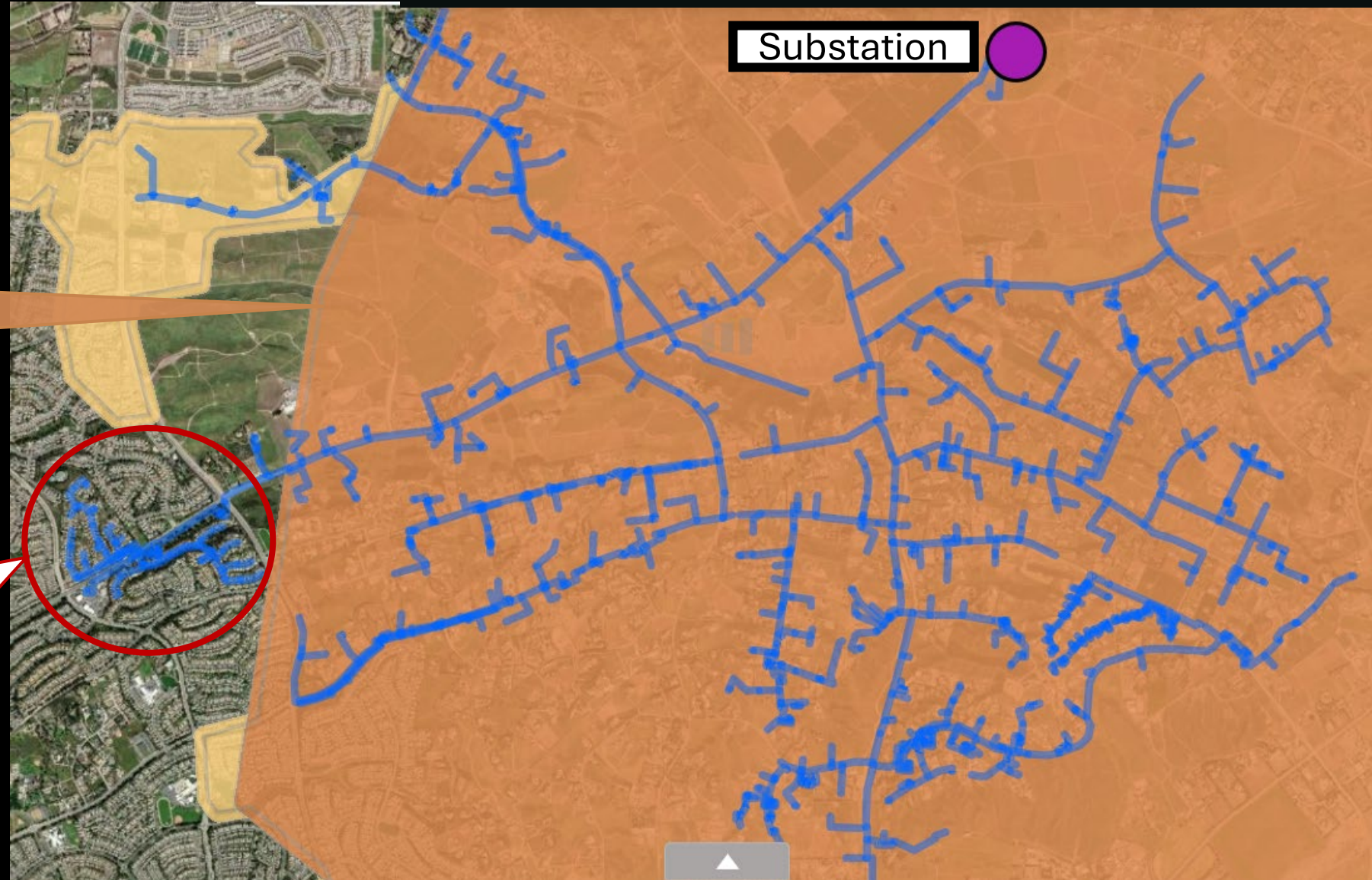
AI-generated image for illustrative purposes

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



CUSTOMER SUPPORT AND RESILIENCY

Lori Blackwell

MITIGATING IMPACTS OF PSPS – COMMUNITY CARE RESOURCES

101 Community Resource Centers

(9 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

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 scepsps.com

SCE Outage Map

- Consolidated outage map that incorporates PSPS outages at sce.com/outagemap

The screenshot displays the SCE Outage Map interface. On the left, a sidebar titled "Power Outages" contains a search bar, a link to "Click here to enter the outage number and check the status", and three expandable sections: "Current Outages" (28 Outages | 1,065 Customers Impacted), "Upcoming Scheduled Outages" (1,531 Outages Scheduled | 68,293 Customers Possibly Impacted), and "Public Safety Power Shutoff (PSPS)" (Search for an address to see specific PSPS details or see county-level details [below](#)). Below these is a "Not Seeing Your Outage?" section with a "Report" button and a "Last Updated: 5/2/2022 - 6:02 PM PST" timestamp. The "Outage Alerts" section encourages users to "Stay informed about unplanned repair and planned maintenance outages" with a "Get Alerts" button. The "Community Support" section features icons for "Resource Centers", "Crew Vehicles", and "Further Assistance", along with text about "SCE Community Resource Centers" and a "More" link. On the right, a map of Southern California shows various locations with yellow warning icons, including Lancaster, Palmdale, Santa Clarita, Simi Valley, Thousand Oaks, Los Angeles, West Covina, Ontario, Corona, Redondo Beach, Long Beach, Anaheim, Santa Ana, Huntington Beach, Lake Forest, Laguna Niguel, and San Clemente. The map includes a search bar, a "Apply Filters" button, and a "Home" button.

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



**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/

Preparedness

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

Targeted Undergrounding

- Targeted Undergrounding – [sce.com/tug](https://www.sce.com/tug); contact 1-888-331-0010 or 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
- 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
- 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:

SCE Wildfire Safety Outreach

wildfireoutreach@sce.com