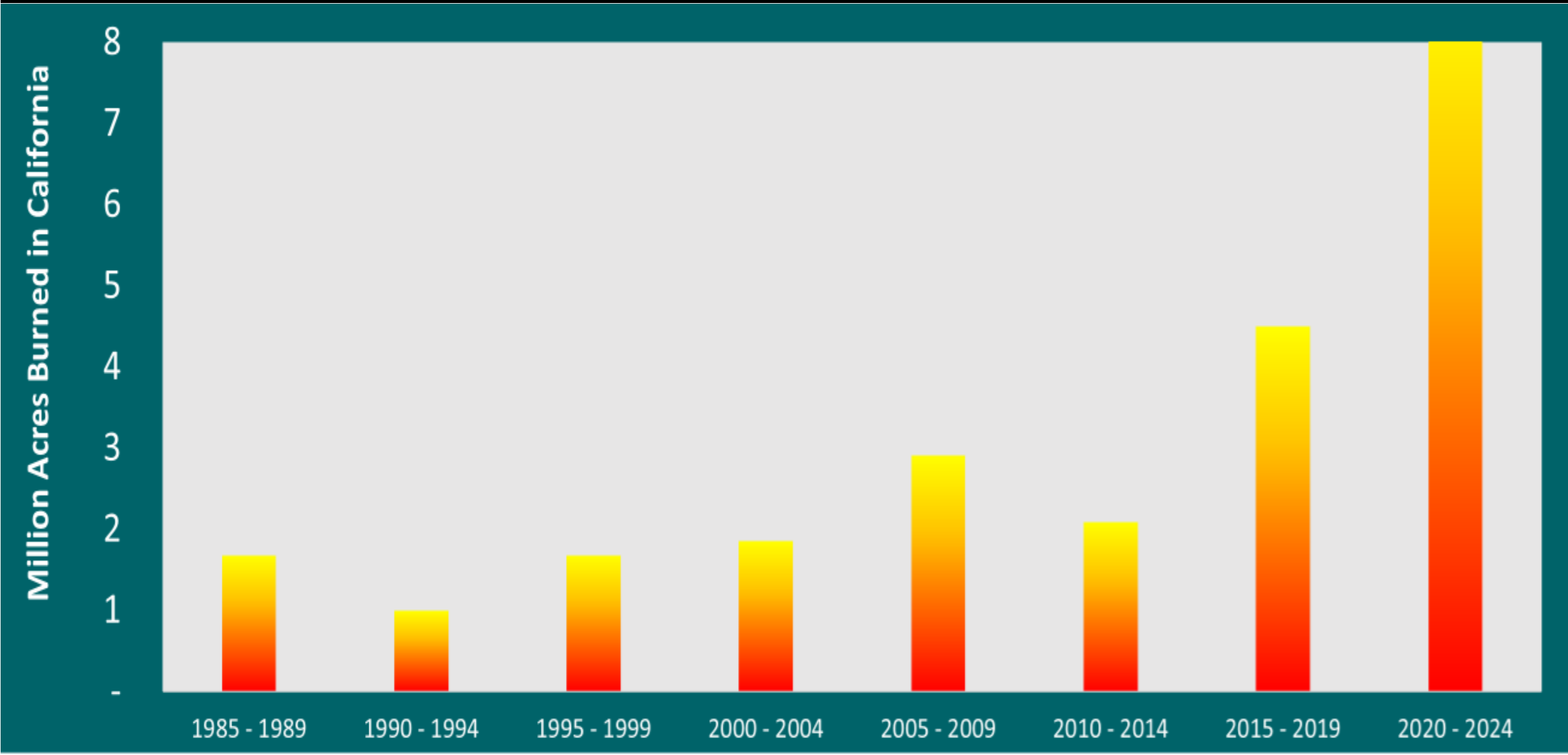
SOUTHERN CALIFORNIA EDISON®

Santa Rosa Valley MAC

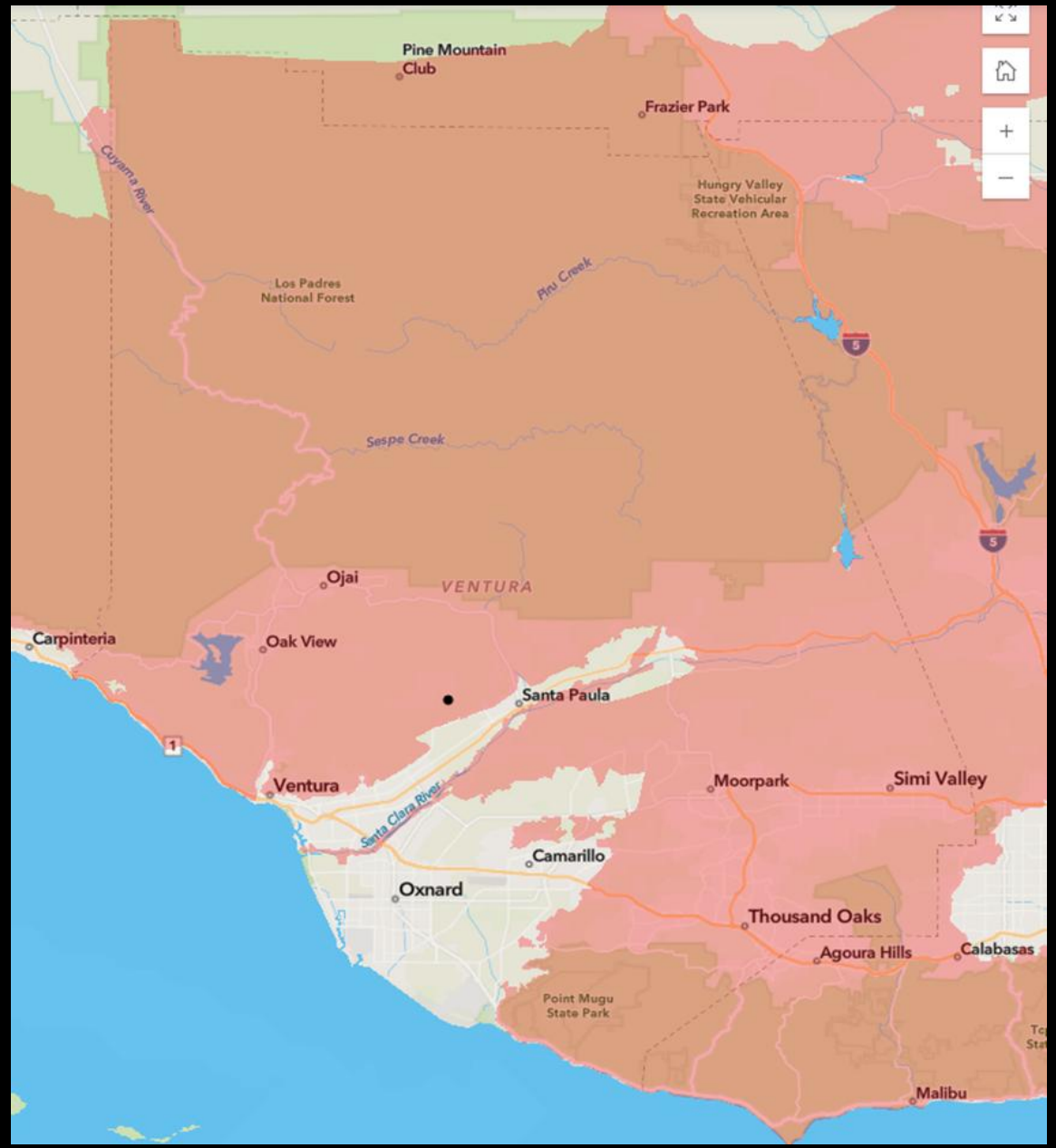
SUPPORTING COMMUNITY SAFETY AND REDUCING WILDFIRE RISK



ACRES BURNED IN CALIFORNIA, 1985-2024



FIRE POTENTIAL INDEX THRESHOLDS



FIRE POTENTIAL INDEX (FPI) 1-17

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

HFRA Tiers 2-3: 2 3

FIRE CLIMATE ZONES (FCZs)

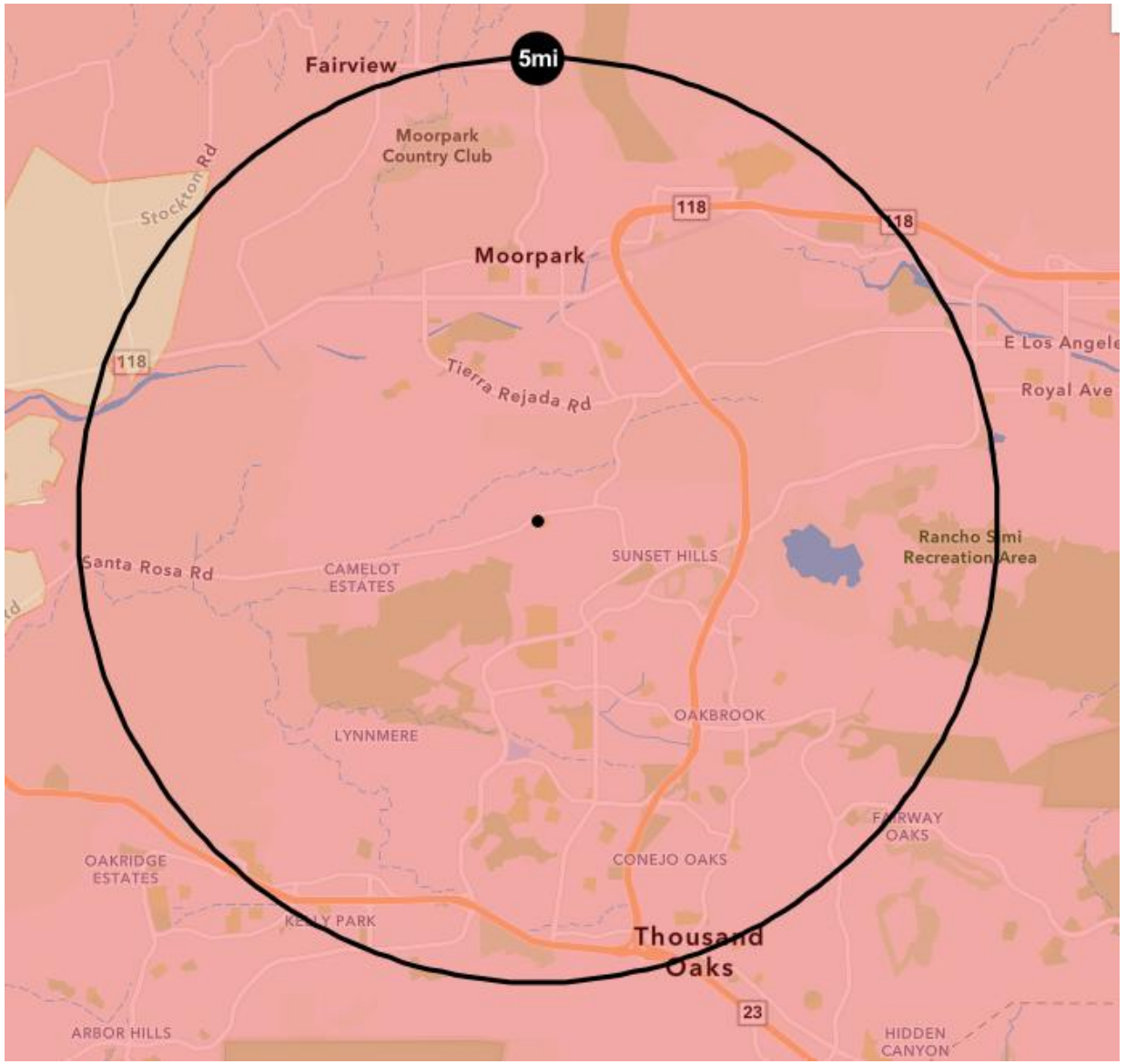
group similar vegetation, weather, topography, and fire history

FCZs 2-11: FCZ 1:

FPI thresholds are set for each FCZ.

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

LOCAL HFRA TIERS

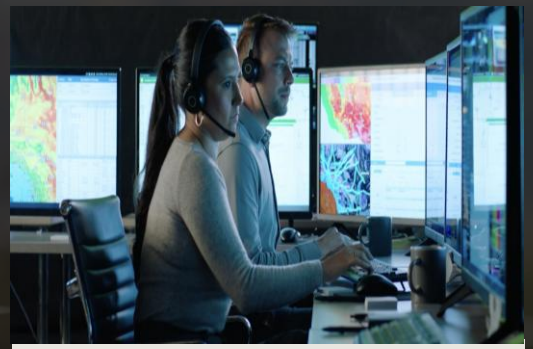


PSPS PROGRAM UPDATES



FIRE POTENTIAL INDEX (FPI)

- FPI is an enhanced wildfire risk index that includes a refined analysis of weather and vegetation conditions.
- SCE's approach to FPI will impact PSPS scope, frequency and conditions for deenergization.



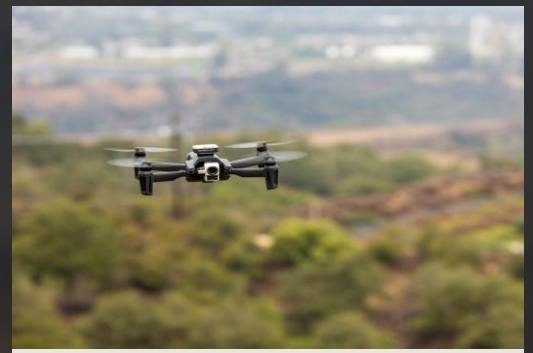
MODIFICATIONS FOR HIGH-RISK CIRCUITS

- When forecasts indicate that high-risk circuits will be subjected to unusually high wind speeds, we may turn off power at lower wind speed thresholds, earlier in the event.



FAST CURVE 4.0

- Updating some fast curve settings in high fire risk areas to more sensitively detect faults and turn off power even more quickly.
- Align with settings used by other California utilities.



PSPS DRONE PATROLS

- SCE is working to increase its use of drones during PSPS patrols to support efficient inspections and power restoration.

EXECUTING PSPS EFFECTIVELY:
THRESHOLDS FOR ACTIVATION AND DE-ENERGIZATION

FIRE POTENTIAL INDEX (FPI)

Formula estimates the potential of fire ignition and spread

WINDSPEED THRESHOLD FOR ACTIVATION

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

Decision-making fact sheet available at **sce.com/psps**

THRESHOLDS FOR DISTRIBUTION CIRCUITS

Baseline FPI for SCE's 11 Fire Climate Zones is based on risk analysis of historical fire data. Baseline FPI thresholds:

- Most zones set at 13
- One zone set at 12 and another at 11

Thresholds represent FPI levels that coincide with large fire activity.
To prevent rapid escalation and surpassing criteria, we may de-energize early if real-time trends indicate thresholds are likely to be met.

Bare wire circuits: The lower of the National Weather Service's Wind Advisory level of sustained wind speeds of **31 mph or gusts of 46 mph** or when speeds reach levels unusual for the localized area.

Fully covered conductor circuits: National Weather Service's High Wind Warning of sustained windspeeds of **40 mph or gusts of 58 mph**.

The baseline wind speed threshold is adjusted based on circuit, environment and event specific factors to determine actual circuit specific de-energization values for each event.

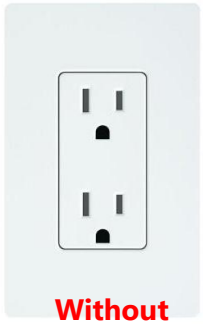
When event or location specific conditions suggest more risk, the baseline FPI thresholds will be reduced to help protect community safety.

FAST CURVE SETTINGS

REDUCE THE RISK OF IGNITIONS; ASSOCIATED OUTAGES ARE DISTINCT FROM PSPS

- Utilities use protection settings on circuits to reduce damaging impacts caused by excessive current and fault energy during a fault condition, such as a tree branch falling on the line or a downed wire
- Since 2018, we have been using faster and more sensitive protection settings ("fast curve settings") in HFRAs as part of a suite of ignition risk mitigation measures

PROTECTION SETTINGS ANALOGY



Without protection settings



With protection settings

Protection settings, including fast curve settings, are similar to ground fault circuit interrupters (GFCI) in high-risk areas like kitchens and bathrooms

	FAST CURVE SETTINGS-RELATED OUTAGE	PUBLIC POWER SAFETY SHUTOFF (PSPS)
Activation Criteria	Red Flag Warning[1], Fire Weather Threat, Fire Climate Zone Threat (typically peak wildfire season in certain zones)[2], Thunderstorm Threat (dry lightning)	Fire Potential Index and windspeed thresholds are exceeded
Outage Criteria	Unplanned outage; occurs **after a fault is detected**	Planned, **proactive** de-energization to **prevent faults** from occurring as a tool of last resort
Outage Duration	Dependent on patrols and required repairs	Dependent on period of concern, patrols and required repairs
Customer Notifications	Standard unplanned outage notifications; updates also on sce.com/outagemap	PSPS alerts prior, during and after de-energization and restoration; updates also on sce.com/outagemap

1. Red Flag Warnings are declared by National Weather Services. Fire Weather. Fire Climate Zone and Thunderstorm Threats are declared by SCE Weather Services.
2. Seasonal approach based on zone-specific historical occurrence of fuel-driven fires.

PSPS NOTIFICATION TIMELINE

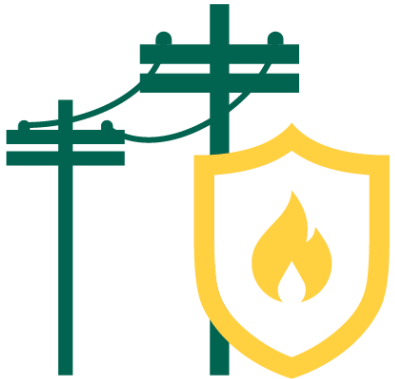
4-7 DAYS AHEAD	SCE begins planning for potential PSPS
3 DAYS AHEAD WHEN POSSIBLE	**SCE Incident Management Team activated** Initial notification sent to all customers and public safety partners
DAILY UPDATES 1-2 DAYS AHEAD	Daily update notifications sent as the weather forecast is refined
1-4 HOURS BEFORE SHUTOFF	Expected shutoff notification
POWER SHUTOFF	After authorization, shutoff notification sent
RESTORATION EFFORTS BEGIN	Notification sent when restoration patrols begin
POWER RESTORATION	After inspection, power restoration notification sent

PLANNING AND MONITORING

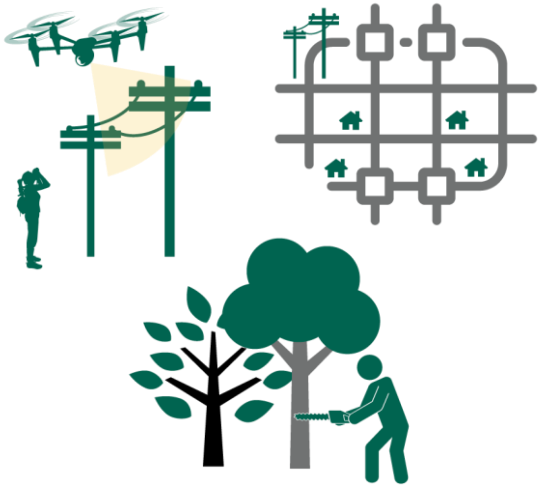
OUTAGE

Advance notifications may not be possible in unexpected weather conditions.

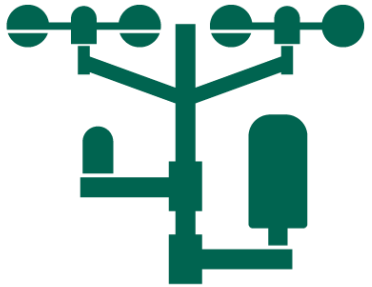
A COMPREHENSIVE STRATEGY TO PREVENT, COMBAT AND RESPOND



HARDENING THE ELECTRIC GRID



ENHANCING OPERATIONAL PRACTICES

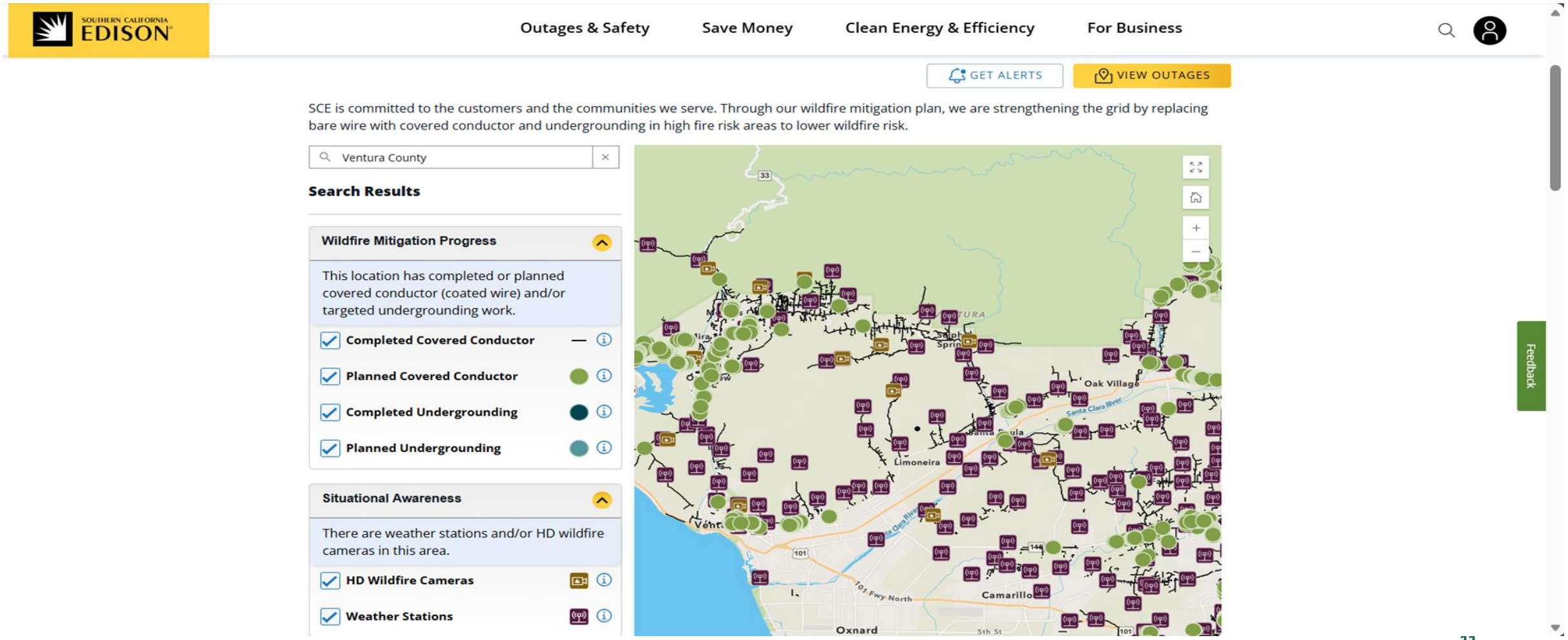


BOLSTERING SITUATIONAL AWARENESS CAPABILITIES

Ventura County Wildfire Mitigation Activities

Activities	Completed in 2025	Completed since 2018
Distribution Equipment Inspections	26,422 inspections	196,277 inspections
Transmission Equipment Inspections	4,514 inspections	26,285 inspections
Covered Conductor	102 circuit miles installed	794 circuit miles installed
Fast-Acting Fuses	0 fuses installed or replaced	1,558 fuses installed or replaced
Sectionalizing Devices	3 device(s) installed	21 devices installed
Structure Brushing	39,814 structures brushed	159,242 structures brushed
Weather Stations	13 weather stations installed	241 weather stations installed
High-Definition Wildfire Cameras	0 cameras installed	32 cameras installed
Community Resource Centers	15 sites available	
Community Crew Vehicle	8 vehicles available throughout SCE's service area	

SCE.COM/GRIDHARDENING

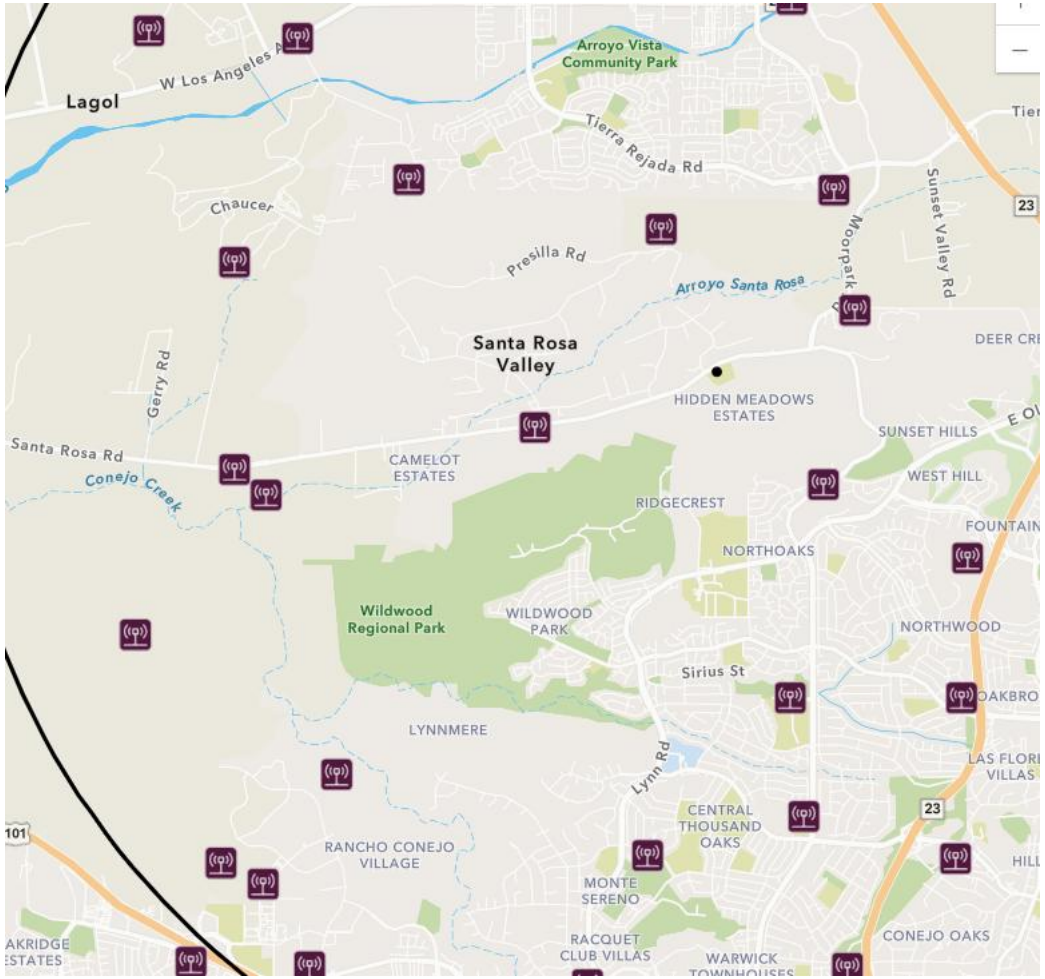


SCE.COM/GRIDHARDENING
Covered Conductor

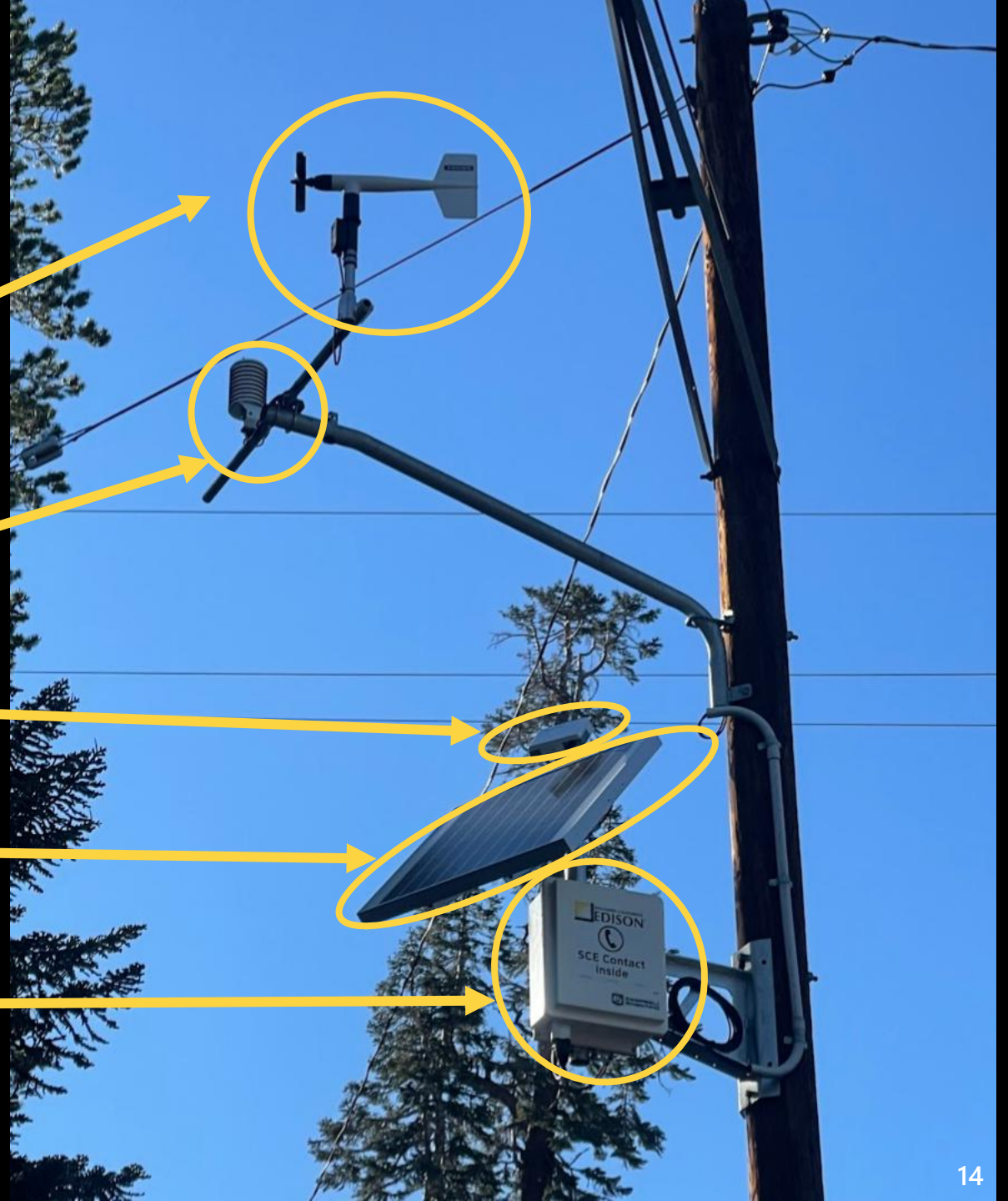




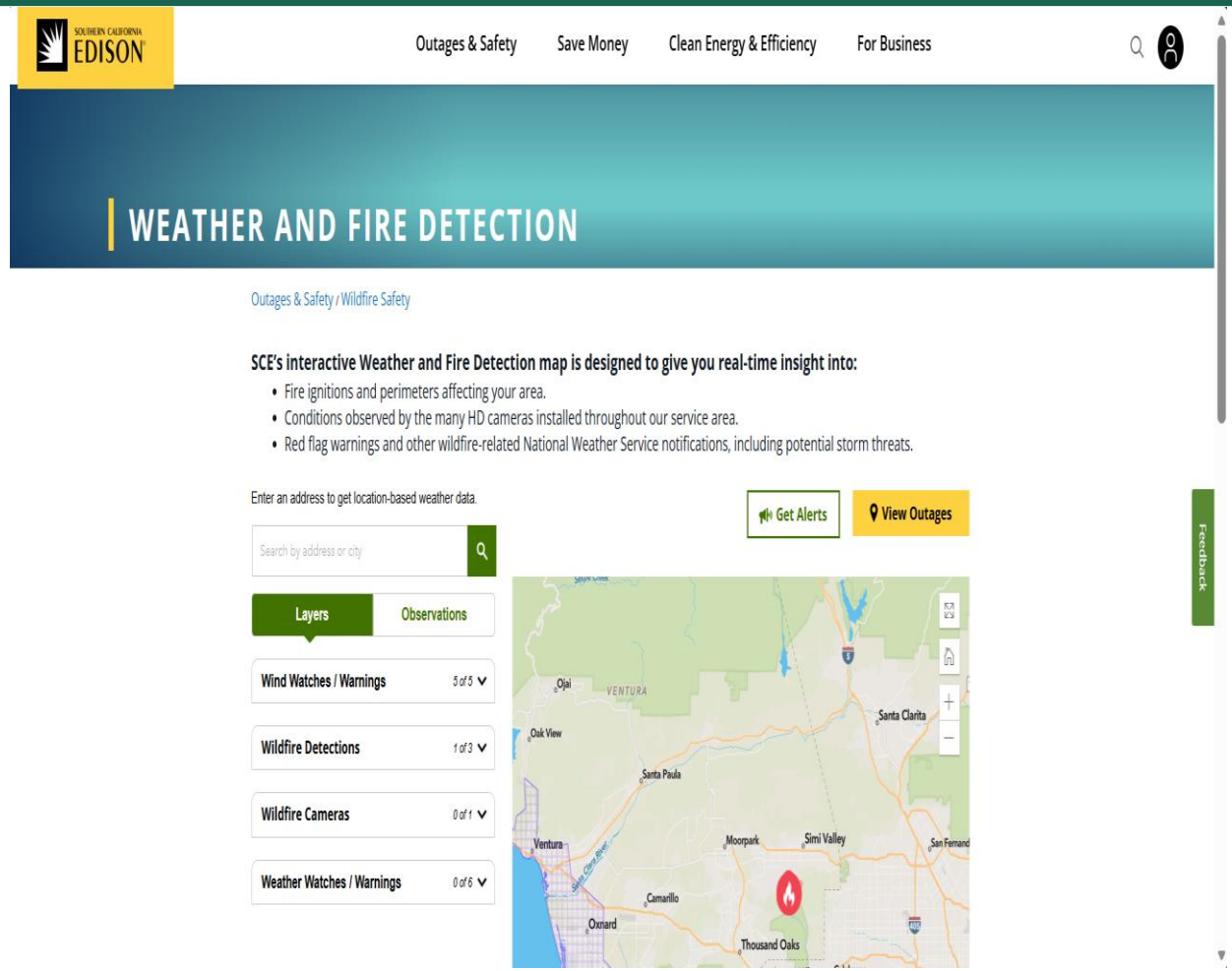
SCE.COM/GRIDHARDENING
Weather Stations

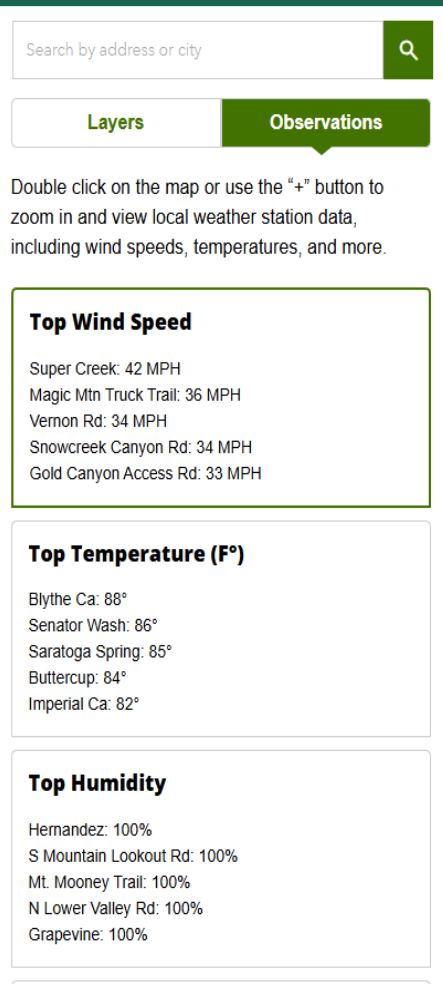


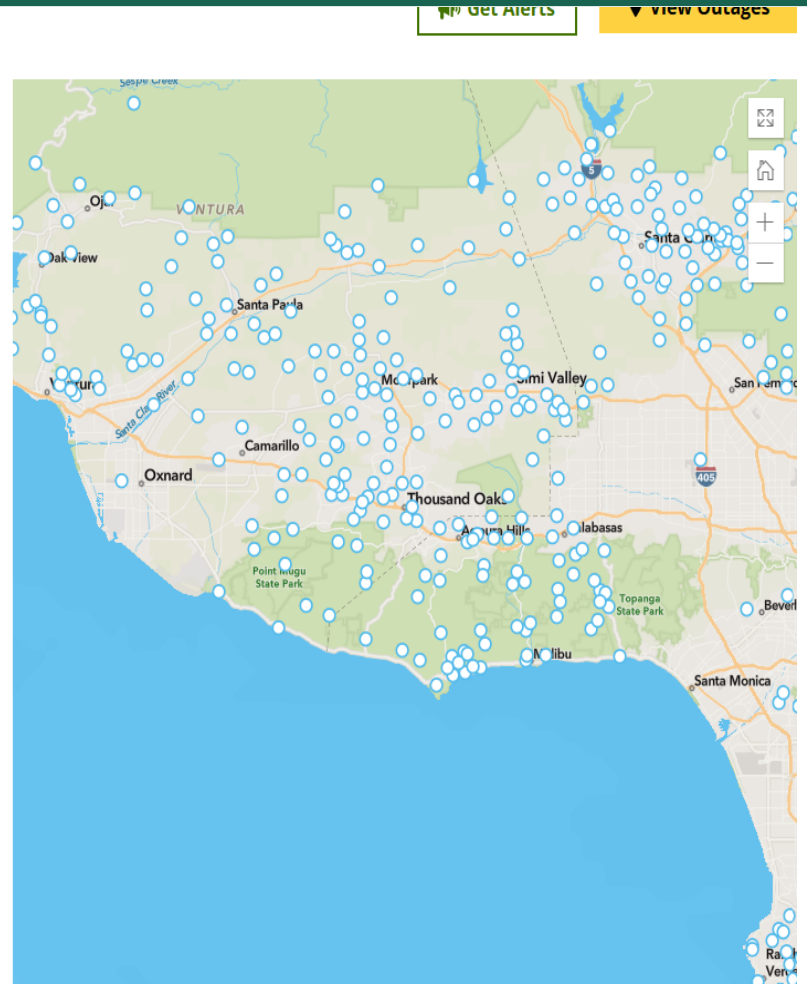
ANATOMY OF A WEATHER STATION



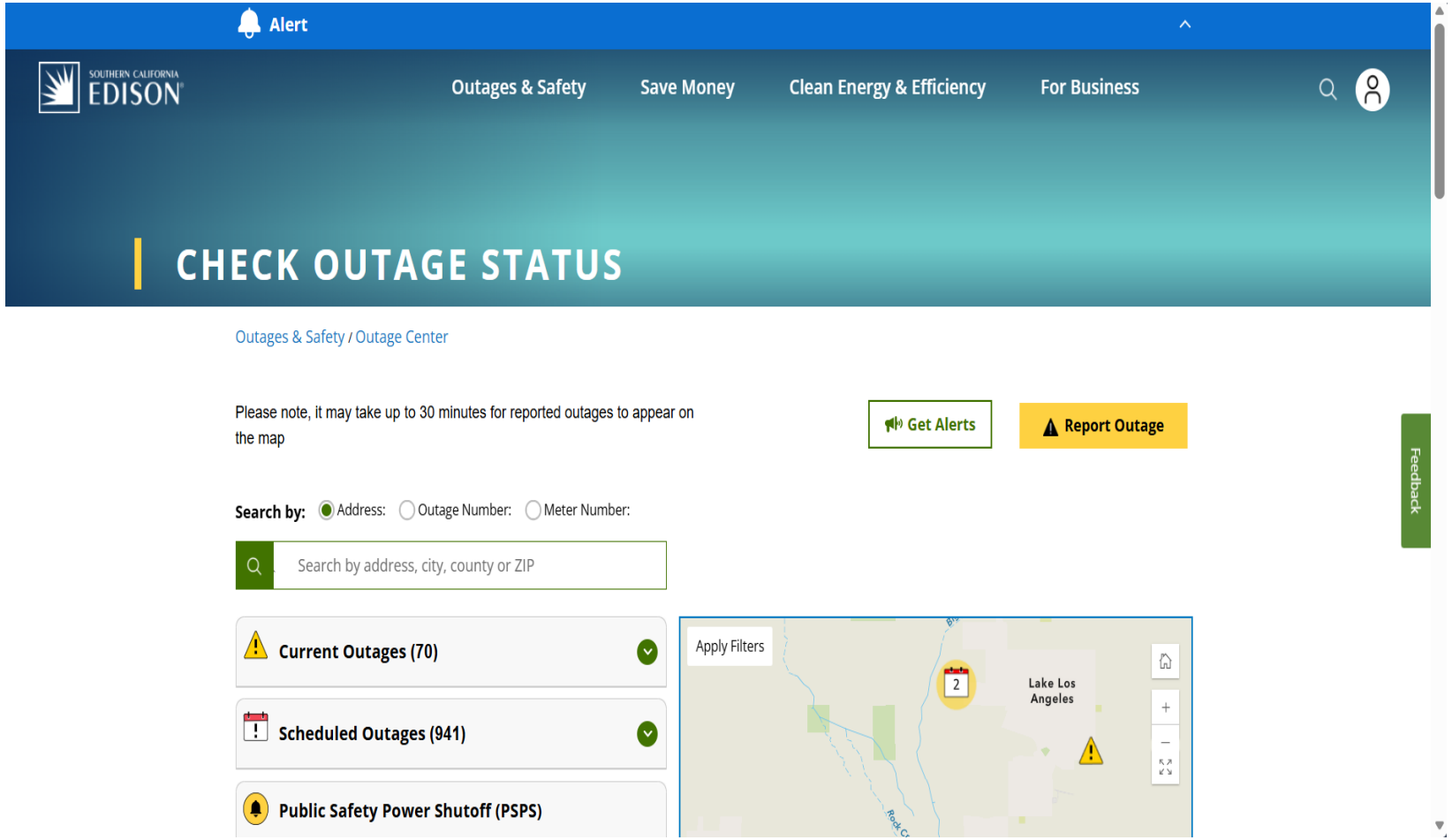
SCE.COM/OUTAGES-SAFETY/WILDFIRE-SAFETY/WEATHER-AND-FIRE-DETECTION

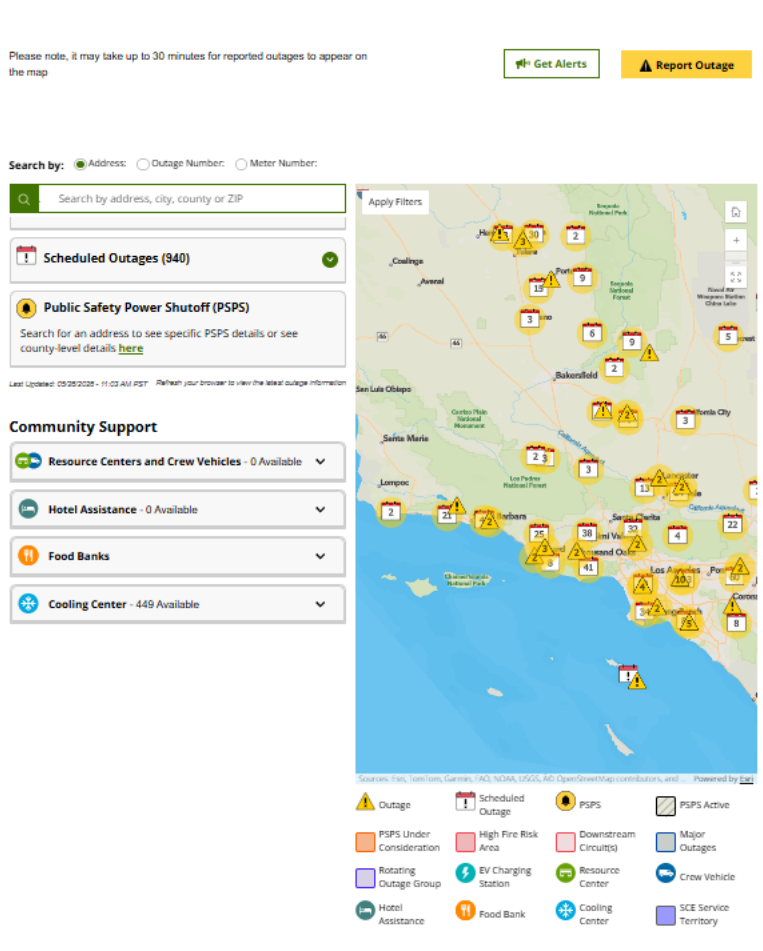






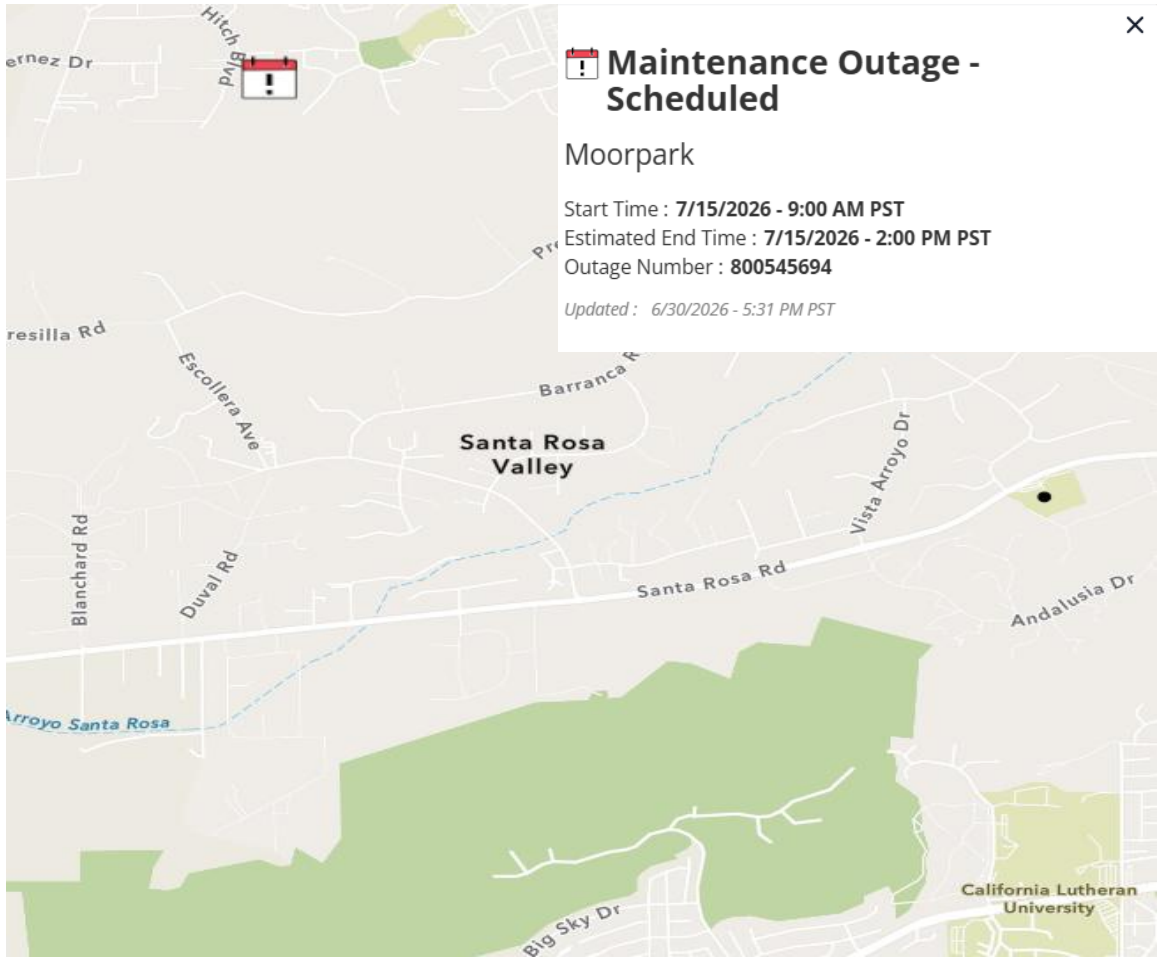
SCE.COM/OUTAGEMAP





Feedback

SCE.COM/OUTAGEMAP
Santa Rosa Valley



SCE.com Check Outage Status Improvements

What are we doing

We're updating the Check Outage Status page on SCE.com with a mobile-first, user-friendly design to make it easier for customers to access timely outage information—especially on mobile devices.

Why it matters

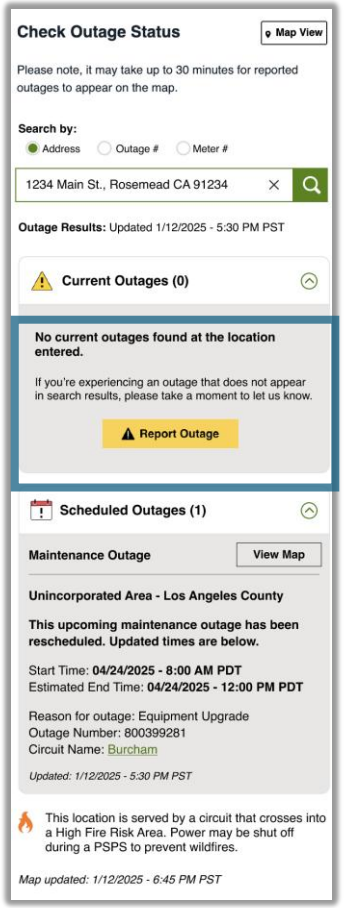
These enhancements are a direct result of customer feedback we received from the January 2025 wildfires and PSPS events. These improvements support our goals to improve digital self-service, reduce call center volume, and build trust by delivering a better experience during critical outage situations.

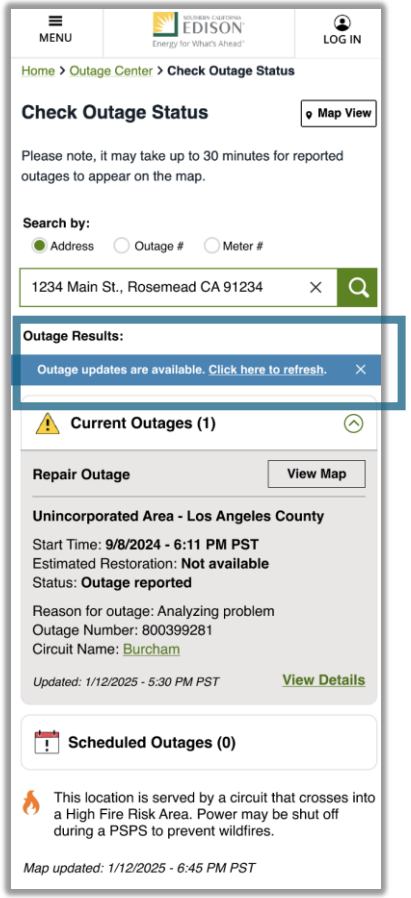
SCE.com Check Outage Status Improvements

Power Status

New card with Outage button.

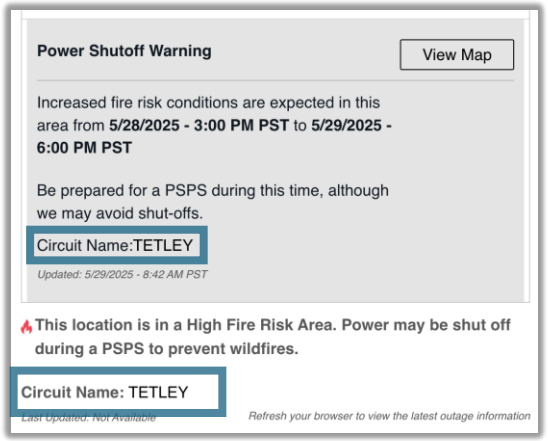
Banner refresh prompt to see latest updates.





Circuit Status

Added PSPS circuit name and location, linked to the searched service address.

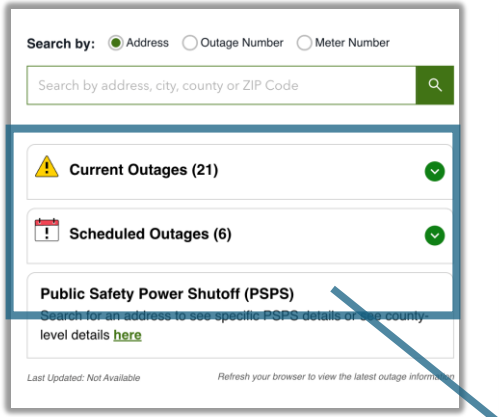


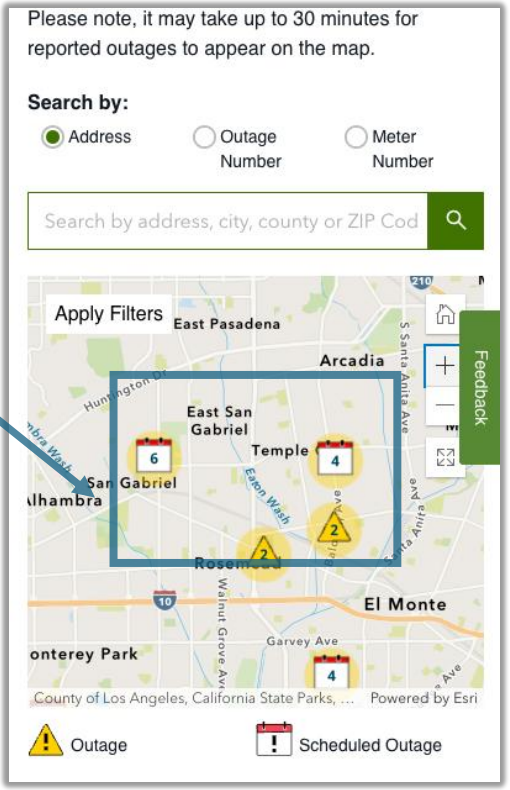
Reduced overlapping PSPS circuit boundaries



Usability Improvements

Added icons in the list view that correspond with icons on the map.

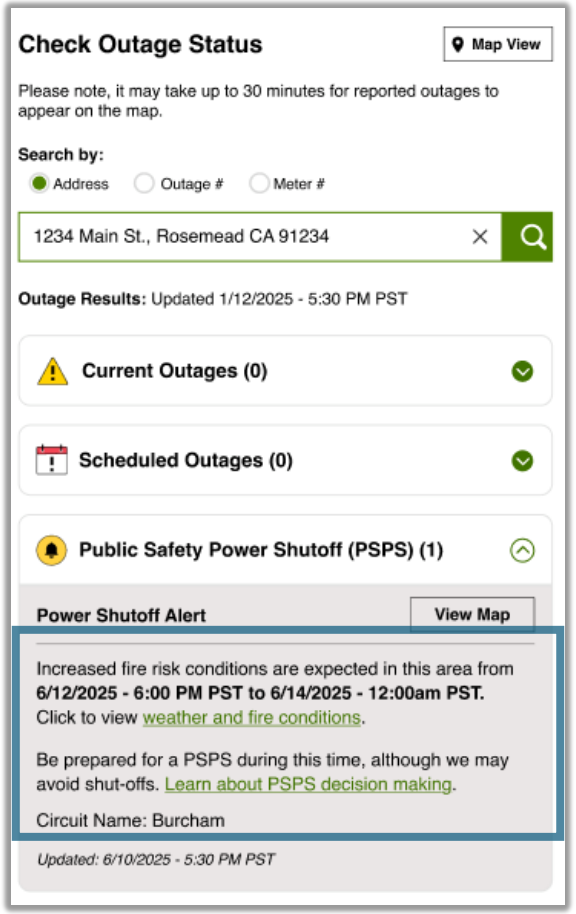




SCE.com Check Outage Status Improvements

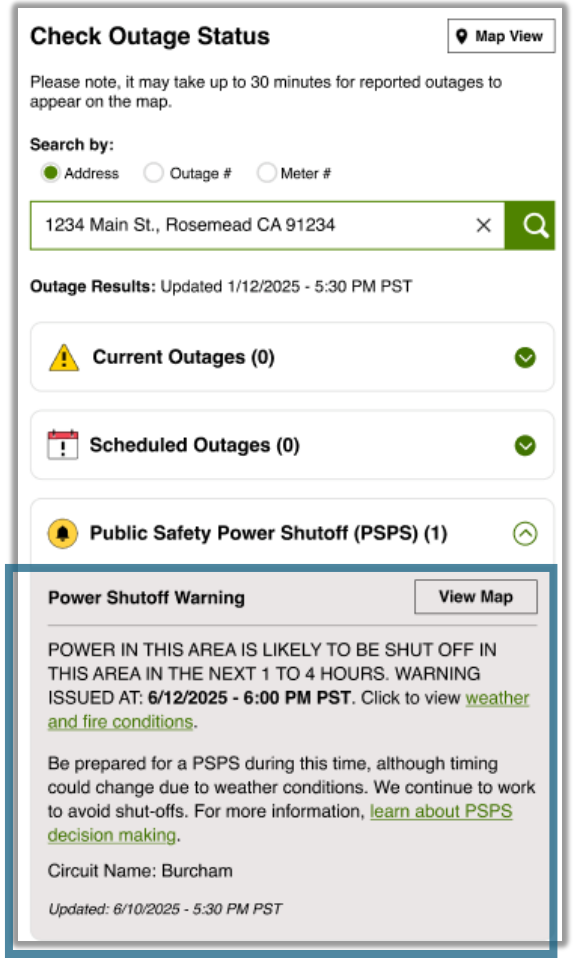
Situational Awareness

Added link to the SCE Weather and Fire map
Added link to PSPS decision making guide



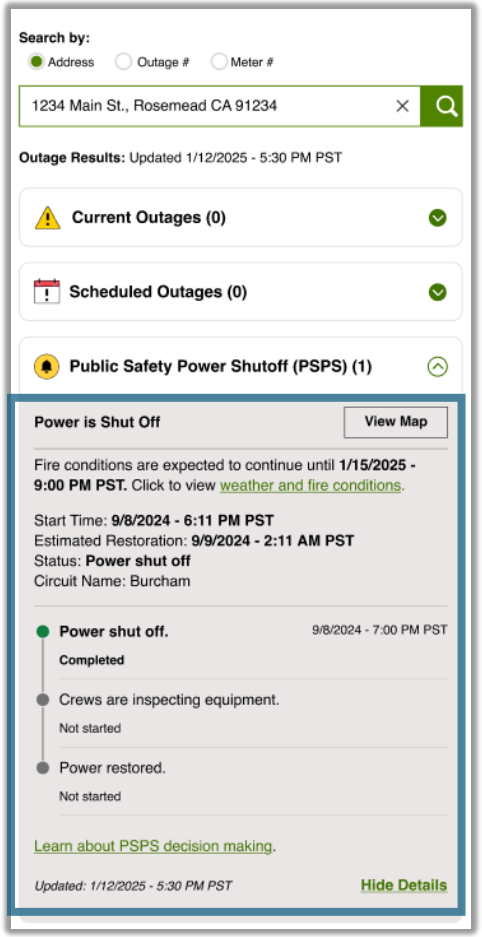
1-4 Hour Status Card

Added a new 1-4 hour card to align with outbound messages



PSPS Restoration Steps

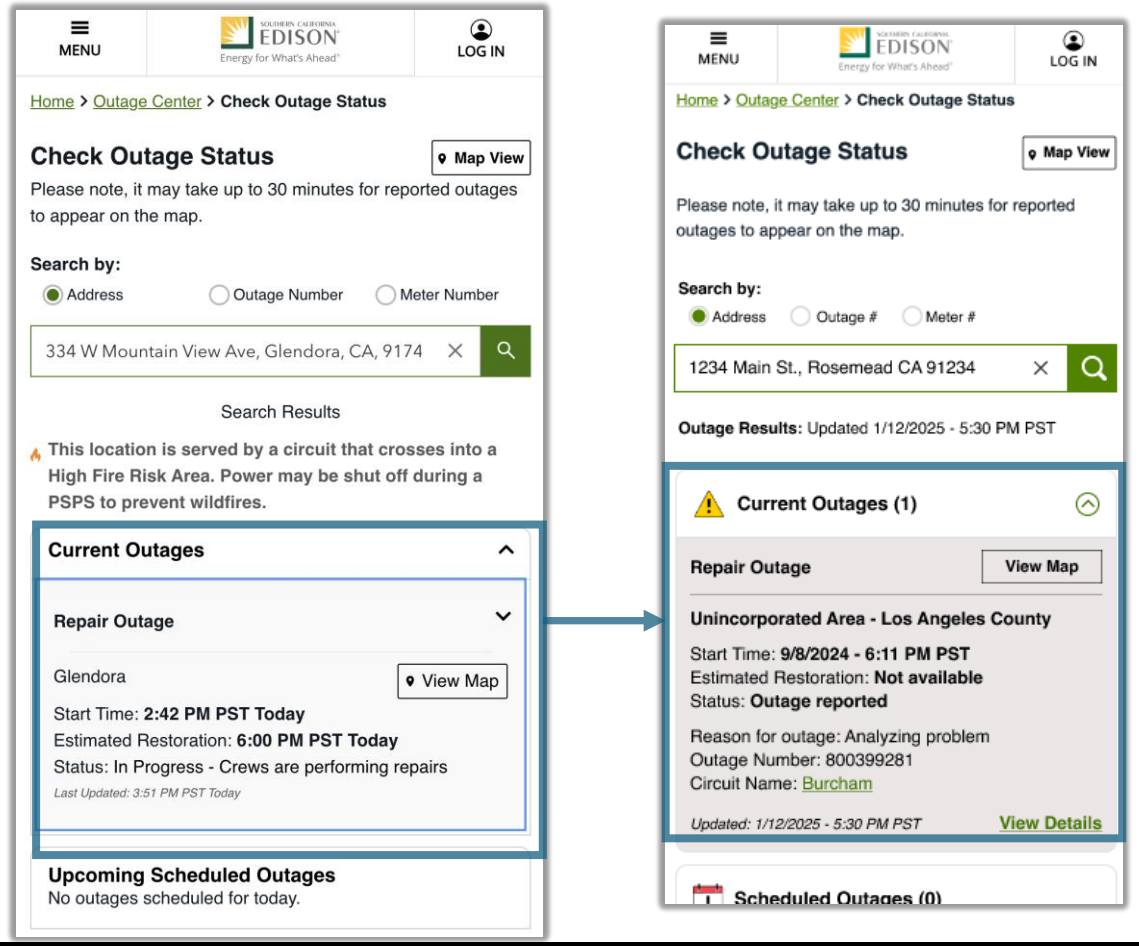
Added steps to restore power when power is shut-off



SCE.com Check Outage Status Improvements

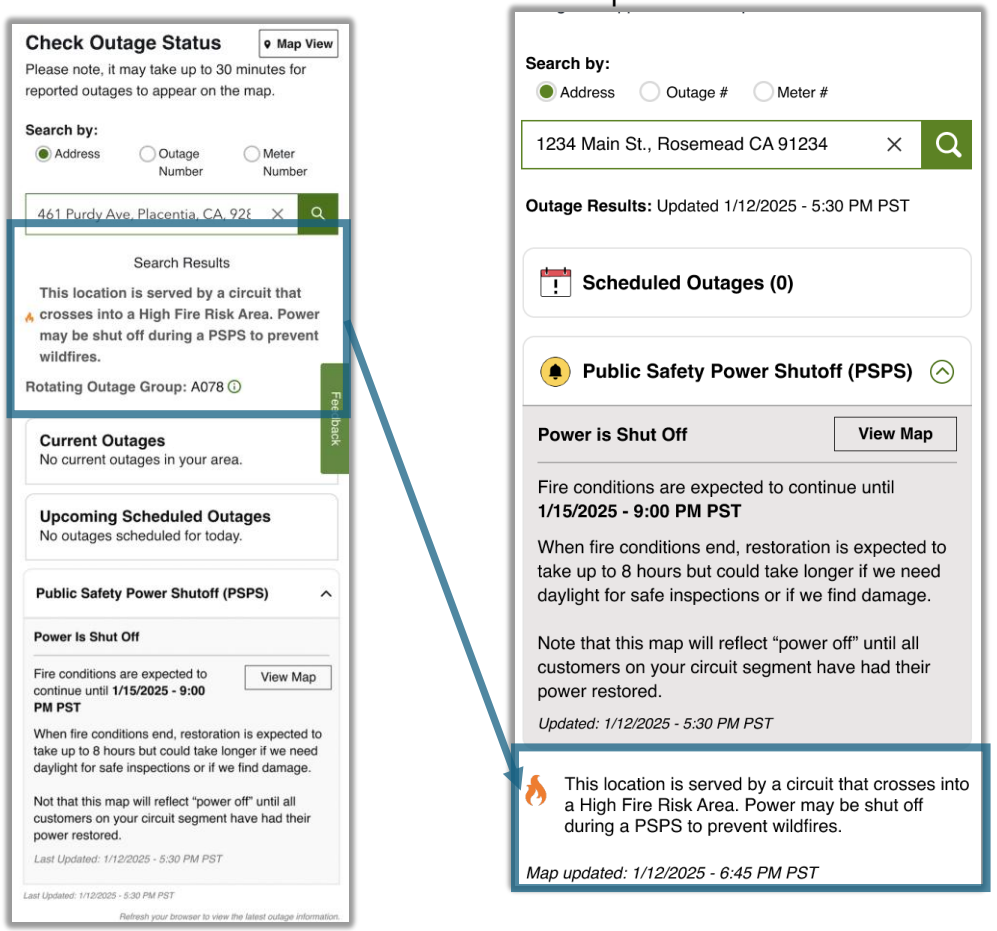
Improved Outage Card

Updated shading of the outage card.
Added outage type, outage number, and circuit name.



Moved High Fire Risk Area Information

Moved High Fire Risk Area information to below the outage card to add focus to the current power status



PSPS RESOURCES & SUPPORT

We provide resources and support:

- **211:** Customers with access and functional needs can find resources and support, including community assistance and personalized emergency preparedness information, through 211.
- **Backup Power:** Eligible customers can receive rebates for backup power solutions, including portable power stations and portable generators.
- **PSPS Alerts:** Multi-language alerts available for both customers and non-customers, such as caregivers, family members and tenants.
- **Outage Map:** Tool to check PSPS status, find Community Resource Centers and Community Crew Vehicles with their operating hours, access hotel discounts during extended outages, locate charging sites and more.

PSPS RESOURCES FOR CUSTOMERS WITH AFN

- Targeted offerings for select **schools and senior care facilities** frequently impacted by PSPS.
- Partnerships with **community-based organizations** to **support customers with access and functional needs** during PSPS and provide referrals to food banks and 211. Services may include food, hot meal delivery, transportation or temporary lodging.
- If necessary, conduct additional **outreach or in-person visits** for initial notifications to Medical Baseline customers.
- Broadening use of **ASL** for marketing videos and PSPS notifications.

CUSTOMER RESILIENCY EQUIPMENT

Continuing current backup power programs, such as:

- **Critical Care Battery Backup:** A fully subsidized battery for temporary power support to Medical Baseline customers.
- **SCE Marketplace:** For customers living in PSPS-affected areas, enhanced rebates are available for qualifying portable batteries (up to $200) and portable generators (up to $800).
- **In-Event Battery Loan Program:** For customers who rely on electricity for medical needs.
- **Battery Storage Pilot:** Program for frequently impacted Medical Baseline customers with access and functional needs includes rebates up to $7,500 towards a permanent battery storage system and fully subsidized battery systems for qualifying low-income, Medical Baseline customers.

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11 Portable Generators | Important Safety Message | Sorted by Relevance | Track prices

Top picks for you

We analyze product data daily across major retailers to provide you with highly efficient recommendations.

GREAT OVERALL



Champion Power Equipment...

Champion Power Equipment CO Shield

Up to a $600 rebate

$1,850.00

☐ Compare | See offer

GREAT PRICE



WEN 56125i

1250-Watt Gas-Powered Inverter

(21)

$335.00

☐ Compare | See all 2 offers

BEST REVIEWED



Champion Power Equipment...

Champion Power Equipment CO Shield

Up to a $600 rebate

$806.67

☐ Compare | See all 2 offers

All 11 portable generators



Champion Power Equipment...

Champion Power Equipment CO Shield



Champion Power Equipment...

Champion Power Equipment CO Shield



WEN DF475X

WEN 3800 / 3800 - Watt Dual fuel Portable

QUESTIONS?