



**PUBLIC SAFETY
POWER SHUTOFFS
JURUPA VALLEY
CITY COUNCIL MEETING**

February 27, 2025





AGENDA

Introduction and Welcome

Aileen Flores

PSPS Overview

Cameron McPherson

Circuits/Grid Hardening

Jad Farah

Customer Care

Jennifer Ocampo

Outage Preparedness

Luis Lara

Comment / Q&A

Mayor Berkson

Closing Remarks

Aileen Flores and Mayor Berkson

ABOUT OUR GRID

50,000 SQUARE MILES
of SCE service area across
southern, central and coastal
California

14,000 SQ. MI.
of high fire risk areas

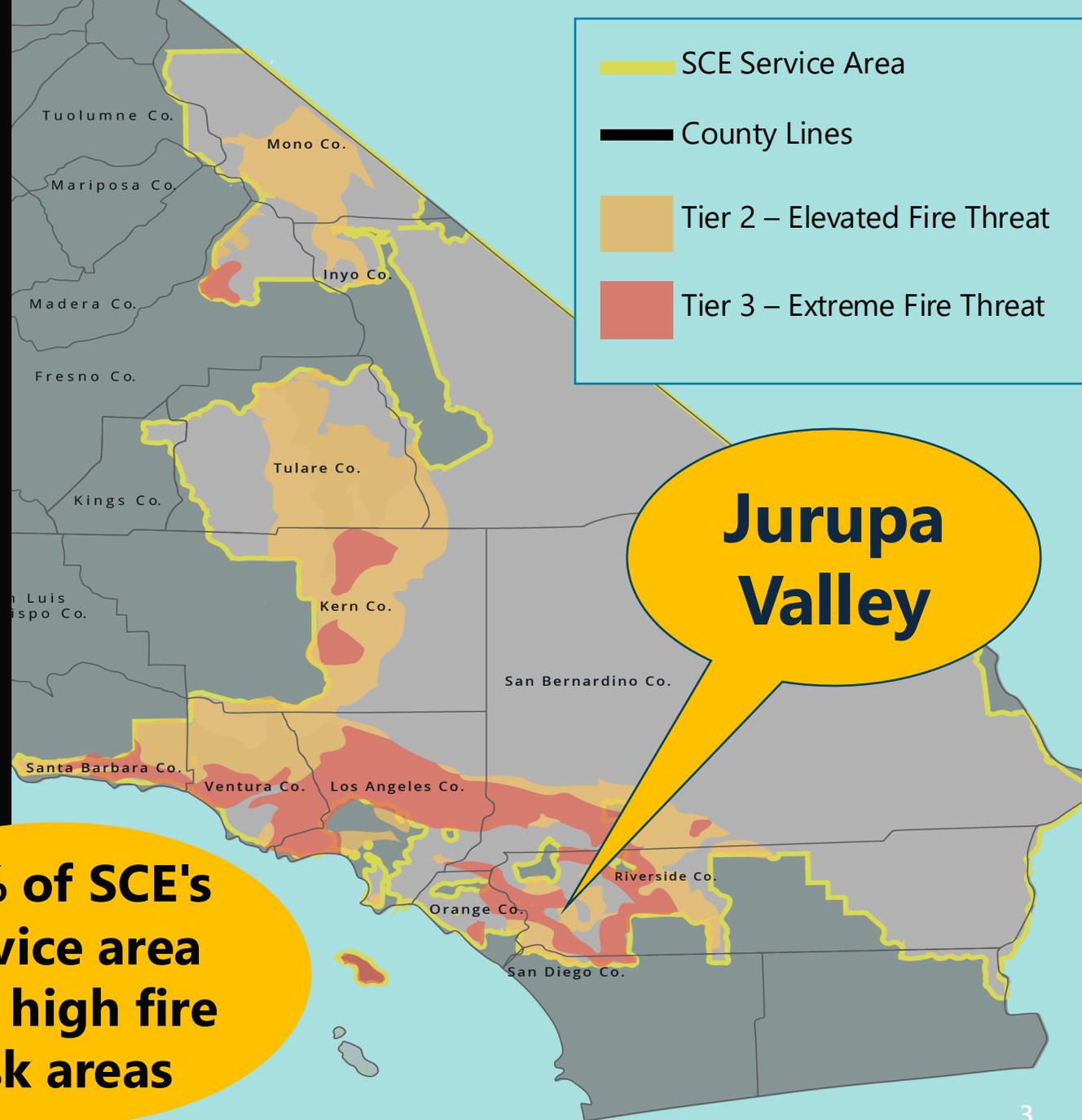
51,000 MILES
of SCE overhead distribution
and transmission lines

14,000 MILES
in high fire risk areas

1.4 million
power poles and towers

311,000
in high fire risk areas

**27% of SCE's
service area
is in high fire
risk areas**



ABOUT PSPS

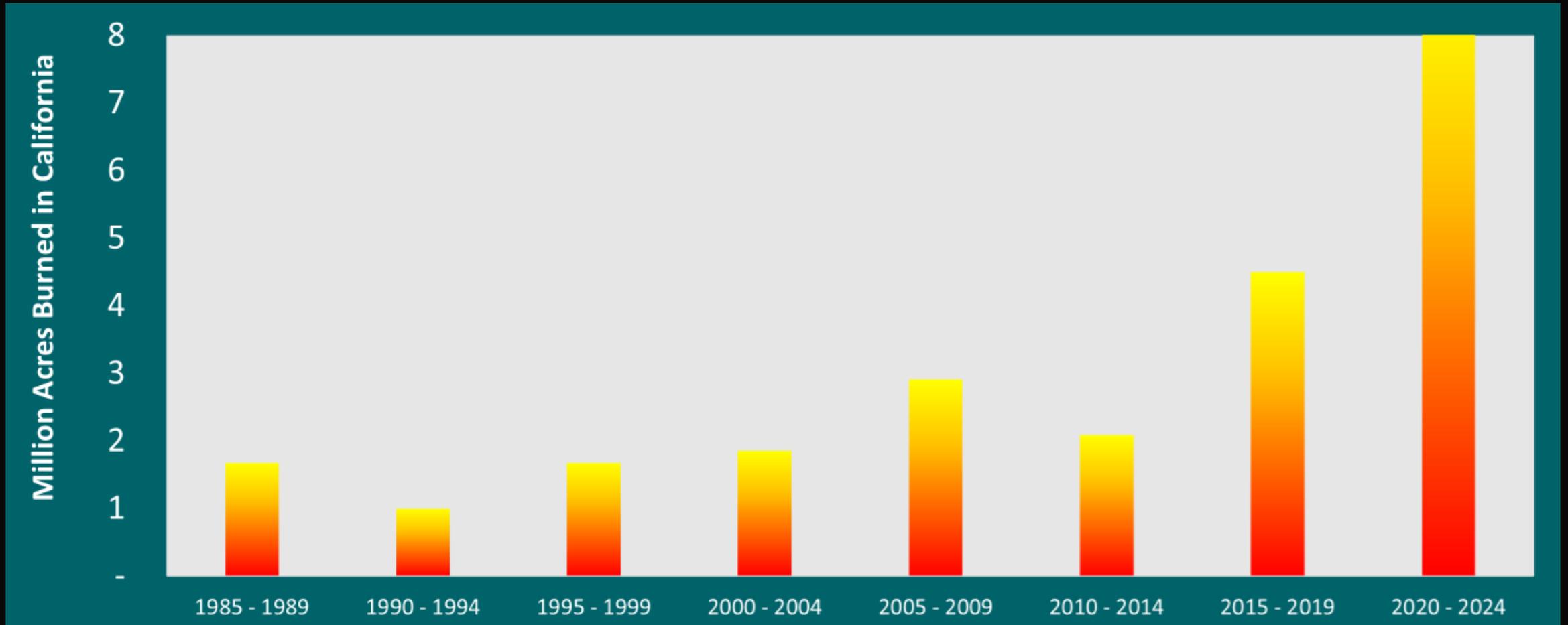
Tool of last resort

PSPS reduces the risk that winds could cause flying debris to hit our lines or damage our equipment and cause a fire during dangerous weather conditions.

We base PSPS decisions on data gathered from fire scientists and meteorologists forecasting dangerous wildfire conditions (**strong winds, very dry plants and grass** and **low humidity**), and on real-time information from crews in the field.



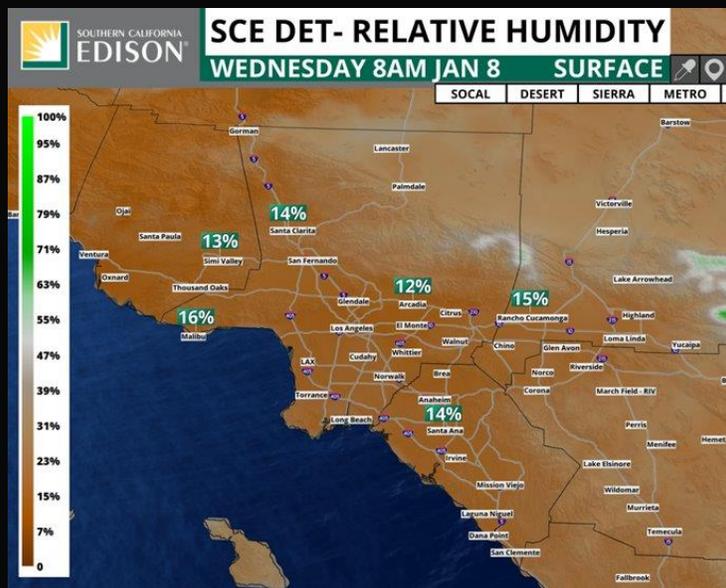
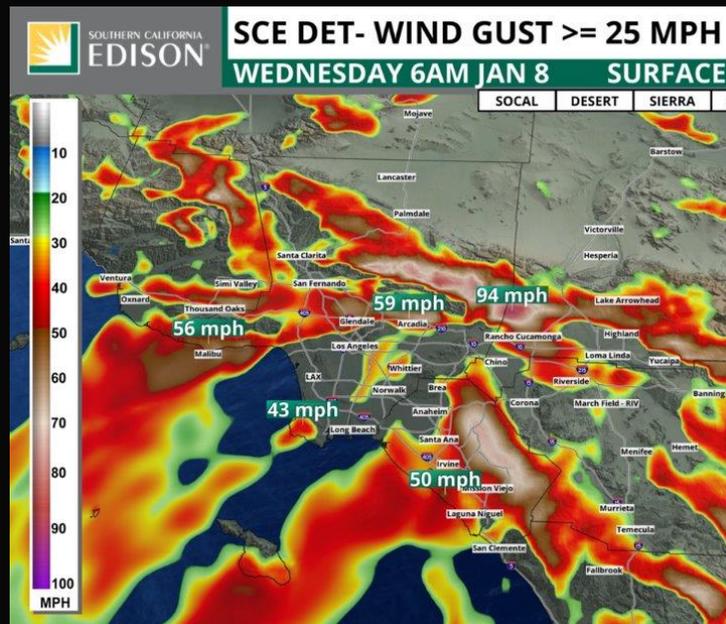
ACRES BURNED IN CALIFORNIA HAVE SIGNIFICANTLY INCREASED OVER THE PAST 40 YEARS



FORECASTING

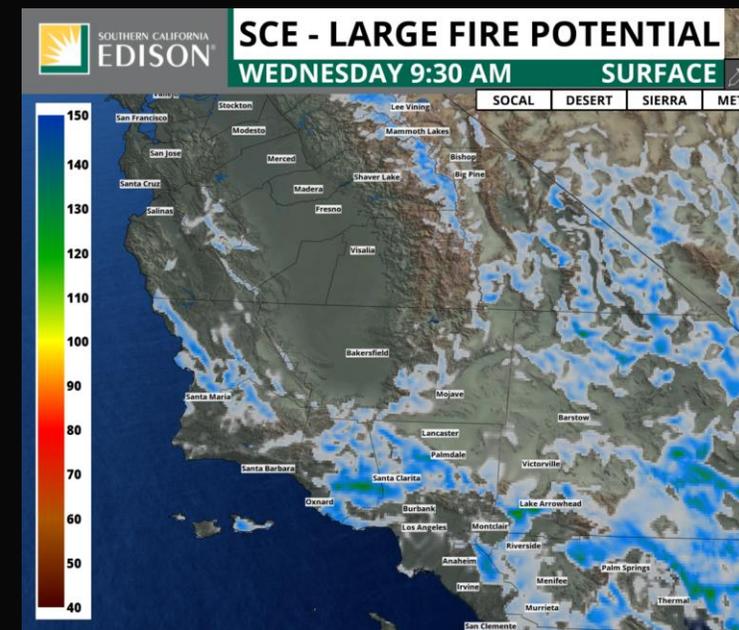
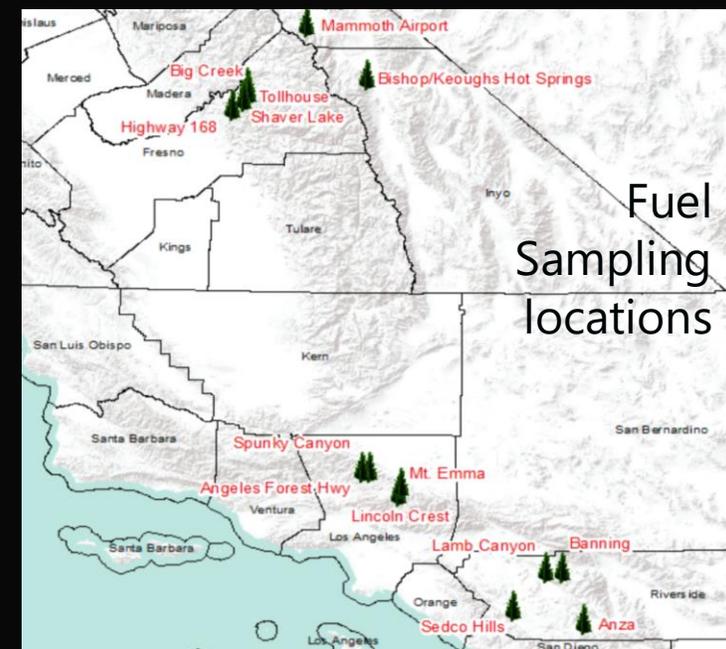
Weather

Weather Models: generated at 2km granularity across our territory – incorporating machine learning forecasts from 1700+ weather stations in the field.



Fire Science

Models and bi-weekly sampling determine the vegetation dryness across the high fire risk areas. This is computed into our Fire Potential Index that is used to calculate the fire risk.



DECISION-MAKING

Technical paper and fact sheet available at [sce.com/pspsdecisionmaking](https://www.sce.com/pspsdecisionmaking)

FIRE POTENTIAL INDEX (FPI)
Formula incorporates measures of vegetation dryness and estimates the potential of fire ignition and spread



Normal: 1-11
Elevated: 12-14
Extreme: 15+
Current threshold is typically 12 or 13 in most areas contingent on fire resource availability and fire risks

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



Bare wire circuits: 99th percentile historic windspeed for a given circuit or NWS Wind Advisory of sustained windspeeds of 31 mph or gusts of 46 mph

Fully covered conductor circuits: NWS High Wind Warning of sustained windspeeds of 40 mph or gusts of 58 mph (windspeeds at which damage to infrastructure may occur)

SWITCHING PLANS
When possible, individual segments of a circuit are switched to neighboring circuits so that some of the circuit can remain powered

DE-ENERGIZATION THRESHOLDS
If actual conditions suggest more risk, or in large-scale events, power on a circuit may be turned off at lower wind speeds

SITUATIONAL AWARENESS DURING EVENTS

Weather Stations

- We look at wind speed readings every 10 minutes from ~1700 weather stations located on or near every circuit.
- Meteorologists identify weather trends that could slow or speed up shutoff decisions

Live field observers

- Field crews assess conditions on the ground and look for factors that could increase the risk of fire such as existing damage or other hazards such as tree branches



PSPS NOTIFICATION TIMELINE

**4-7 DAYS
AHEAD**

SCE begins planning for potential PSPS

**3 DAYS
AHEAD**

SCE Incident Management Team activated.
Priority notifications to public safety partners and
other critical infrastructure providers.

**2 DAYS
AHEAD**

Notification to all other customers
Initial notifications to customers (update
notifications to priority notification customers)

**1 DAY
AHEAD**

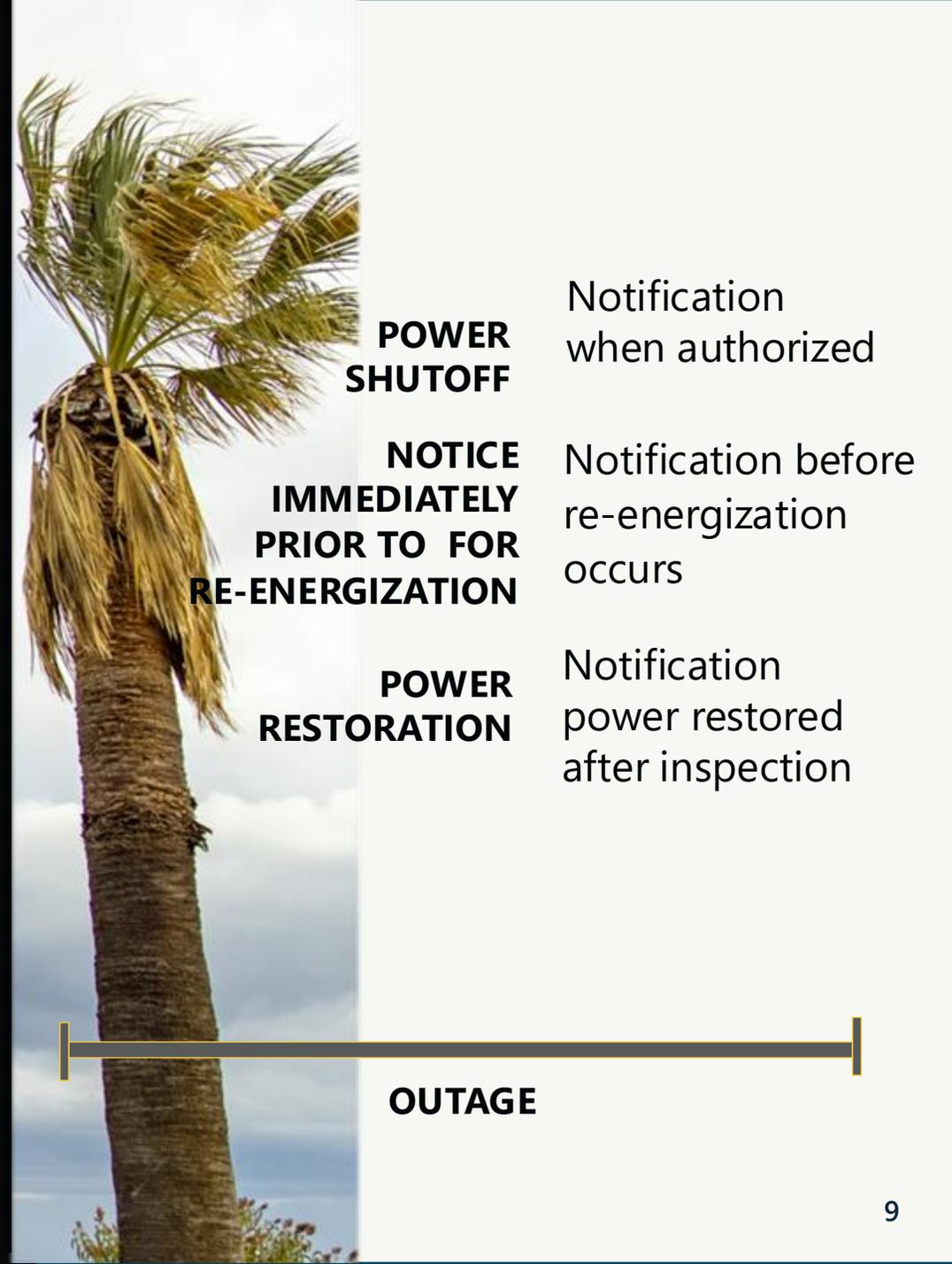
Update notification sent

**1-4 HOURS
BEFORE
SHUTDOWN**

Expected shutdown notification



PLANNING AND MONITORING



**POWER
SHUTOFF**

Notification
when authorized

**NOTICE
IMMEDIATELY
PRIOR TO FOR
RE-ENERGIZATION**

Notification before
re-energization
occurs

**POWER
RESTORATION**

Notification
power restored
after inspection



OUTAGE

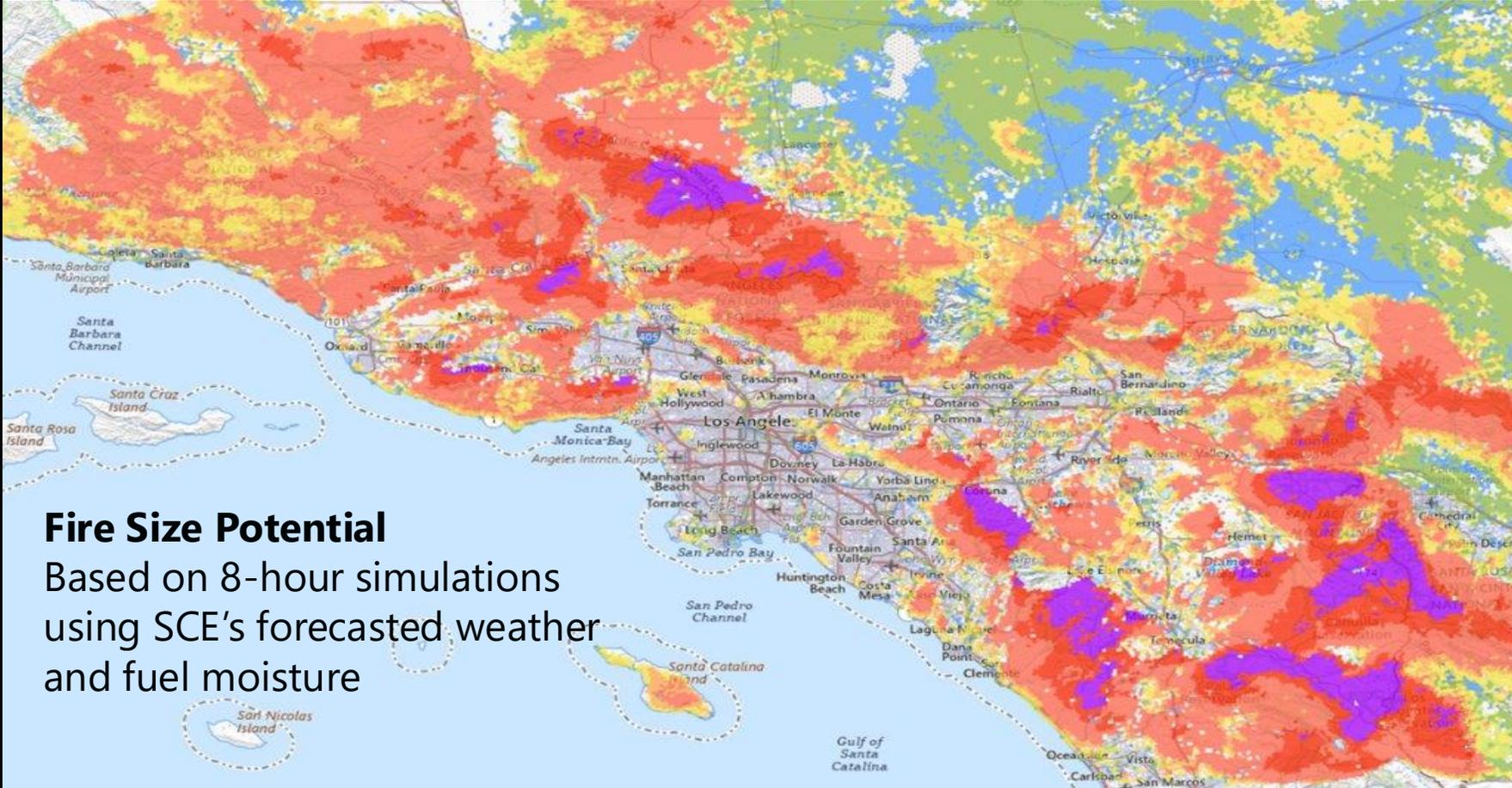
RESTORATION

A person wearing a high-visibility yellow-green safety vest with reflective stripes is looking through black binoculars. The background shows a dry, hilly landscape with sparse vegetation and several wooden utility poles with power lines stretching across the scene under an overcast sky.

Restoration typically takes up to 8 hours once a circuit is cleared for inspection. There could be delays if the conditions are dangerous, or if damage is found.

Remote circuits require helicopter or foot patrols that can only be safely inspected in daylight, which may lead to additional delays.

JANUARY 2025: EXTREME WEATHER



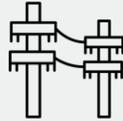
- Two wet winters increased vegetation across wildland areas
- No significant precipitation since April 2024
- October through December 2024 was one of the driest periods in our area going back to 1895, leaving much of the vegetation extremely dry and receptive to fire
- Extreme winds affected multiple areas including Santa Monica and San Gabriel Mountains
- Wind gusts in the 70s and 80s (mph) with isolated gusts near 100 mph during event peak

Fire Size Potential was estimated to be in the 5-to-10-thousand-acre range, with many areas exceeding 10-thousand-acre potential and as high as 40-thousand-acres

BY THE NUMBERS: IMPACTS AND RESPONSE



We responded to ~**290 news media** inquiries and ~**15,900 social media** inquiries to keep our communities informed.



After the storms, ~**3,500** SCE personnel, contractors, and mutual assistance workers operated around the clock to assess damage, execute repairs, and restore power. SCE crews replaced **129,000 feet of conductor, 603 utility poles,** and **165 transformers.**



Between 1/6 and 1/24, we identified at least **70 damaged pieces of equipment** in areas shut off for PSPS that could have resulted in dangerous conditions if lines had not been de-energized.

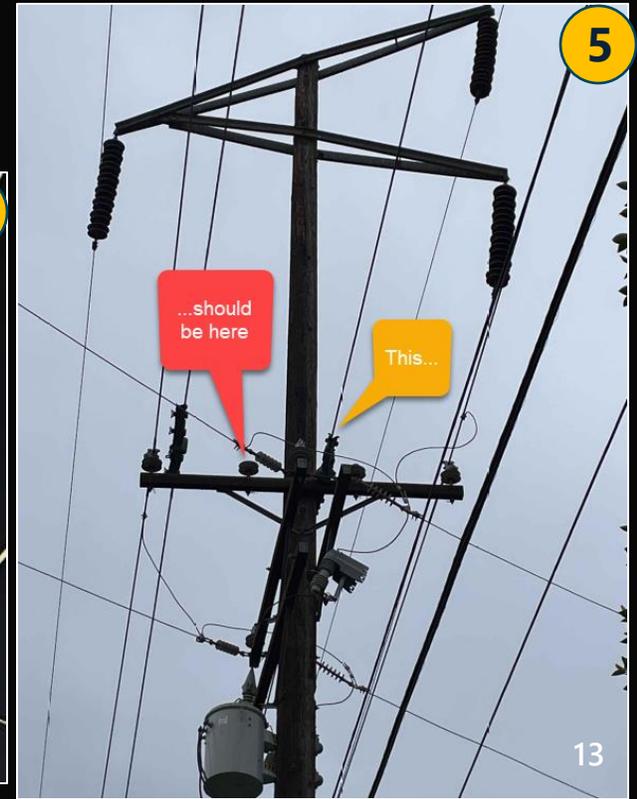
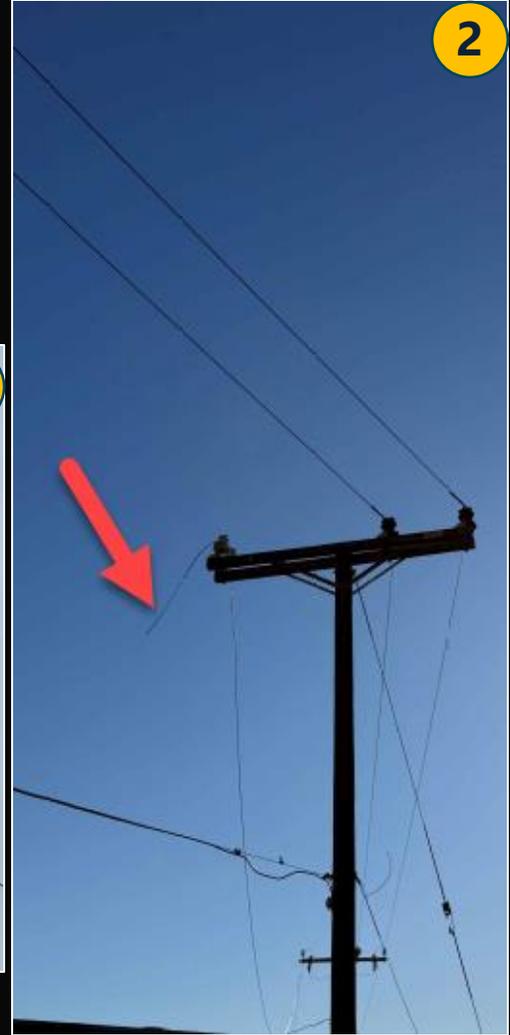
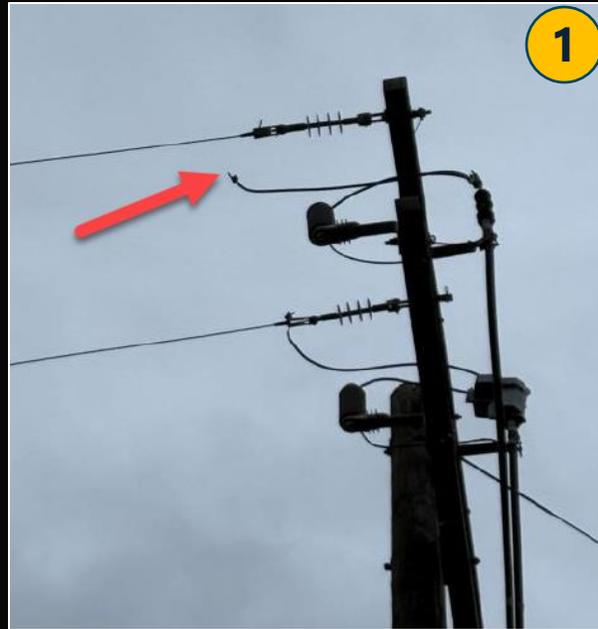


We deployed **23 Community Resource Centers** to impacted locations including **Jurupa Valley.**



In the January 6-17 PSPS event, **712k* customers** were notified and **365k* customers** were shut off.

DAMAGE TO SCE EQUIPMENT FOUND DURING POST-PSPS PATROLS



1. Staghorn 12 kV - Broken Tap/Loose Wire - Bellegrave Ave 1/7/25
2. Galena 12 kV - Wire Down - Maverick Lane 1/6/25
3. Galena 12 kV - Leaning Pole - COVELLO ST and Frontage Rd 1/12/25
4. Highball 12 kV - Broken Tap/Loose Wire - 9th Street, Bloomington 1/12/25
5. Naylor 12 kV - Center phase broken off insulator - Riverview Drive 1/7/25

COMMUNITY RESOURCES

23 community resource locations supported customers impacted by January storms and PSPS.



Jurupa Valley Customer Resource Centers		
January 7 th -15 th	Veterans for Foreign Wars Hall	1,432 visitors
January 21-24	Jurupa Valley Resource Center	108 visitors

Grid Hardening in Jurupa Valley



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

The location of your home or business on a circuit determines whether 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

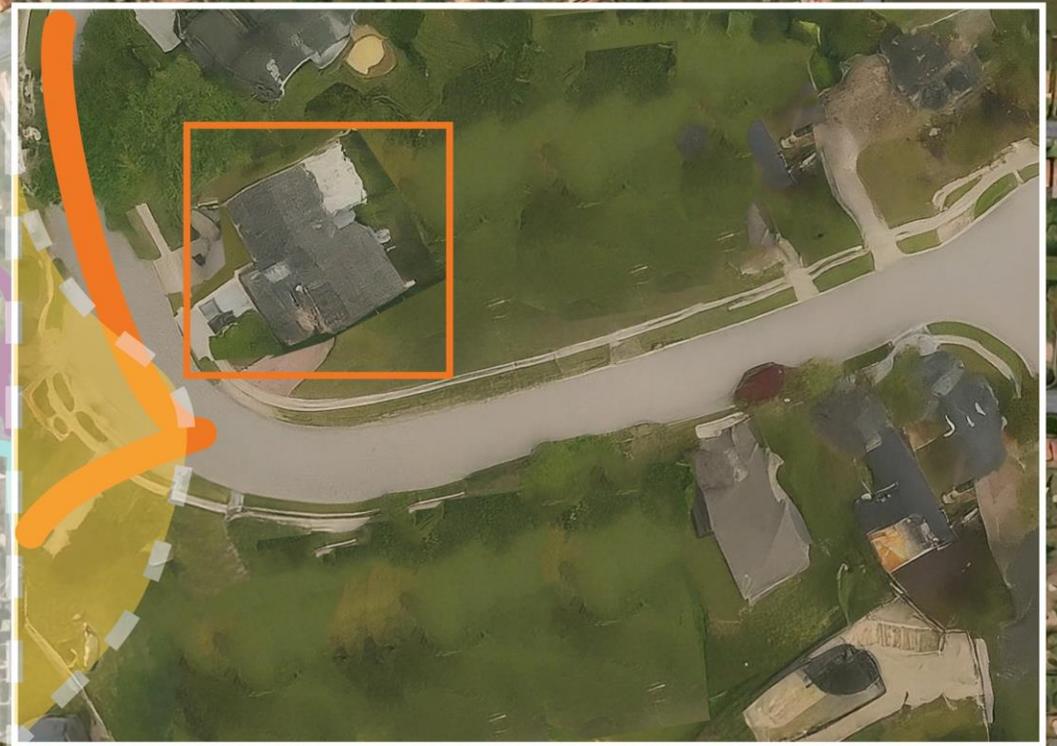
Wires originate in area with lower fire risk



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

Yellow shaded area is Tier 2 HFRA

AI-generated image for illustrative purposes

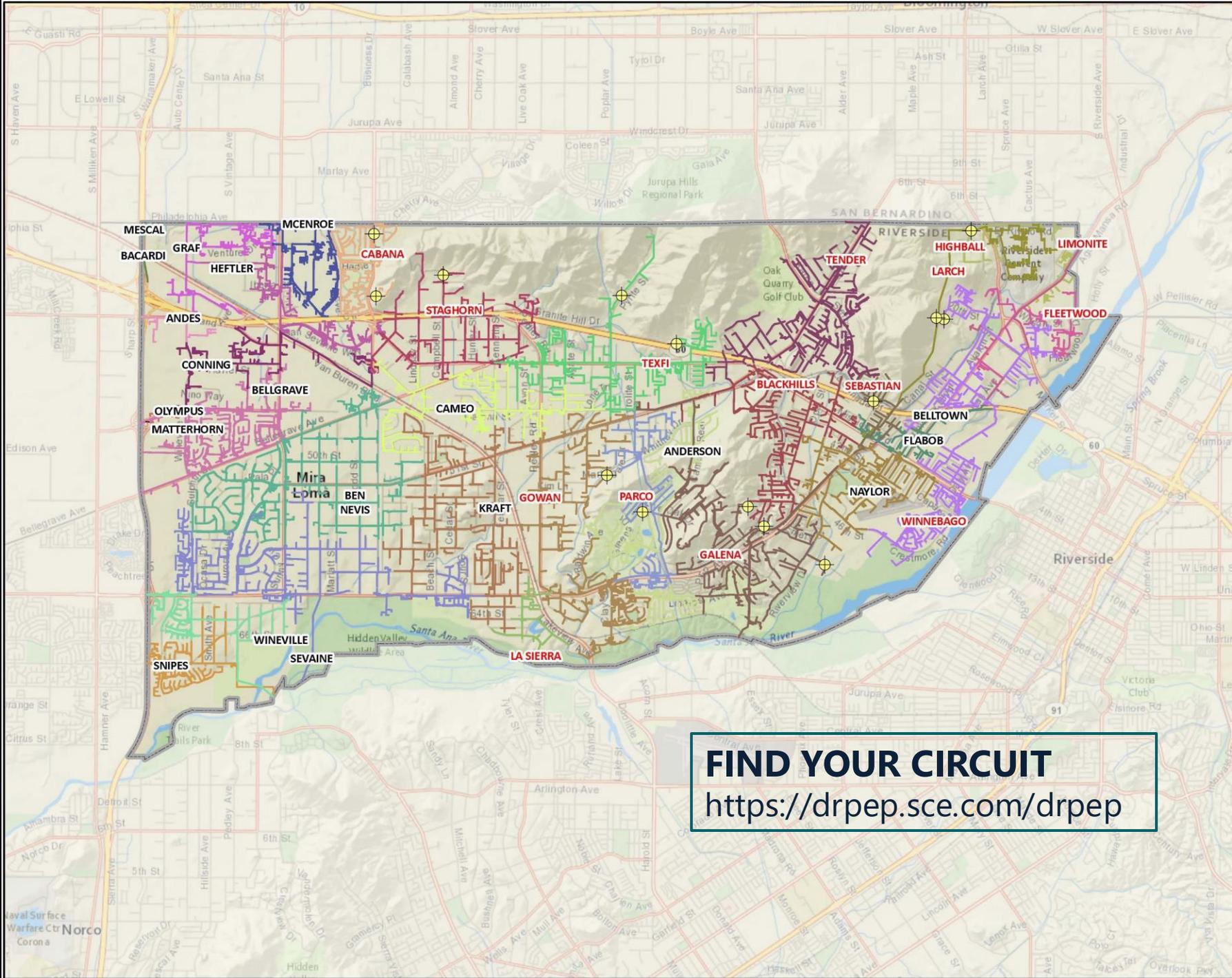


Jurupa Valley

2024

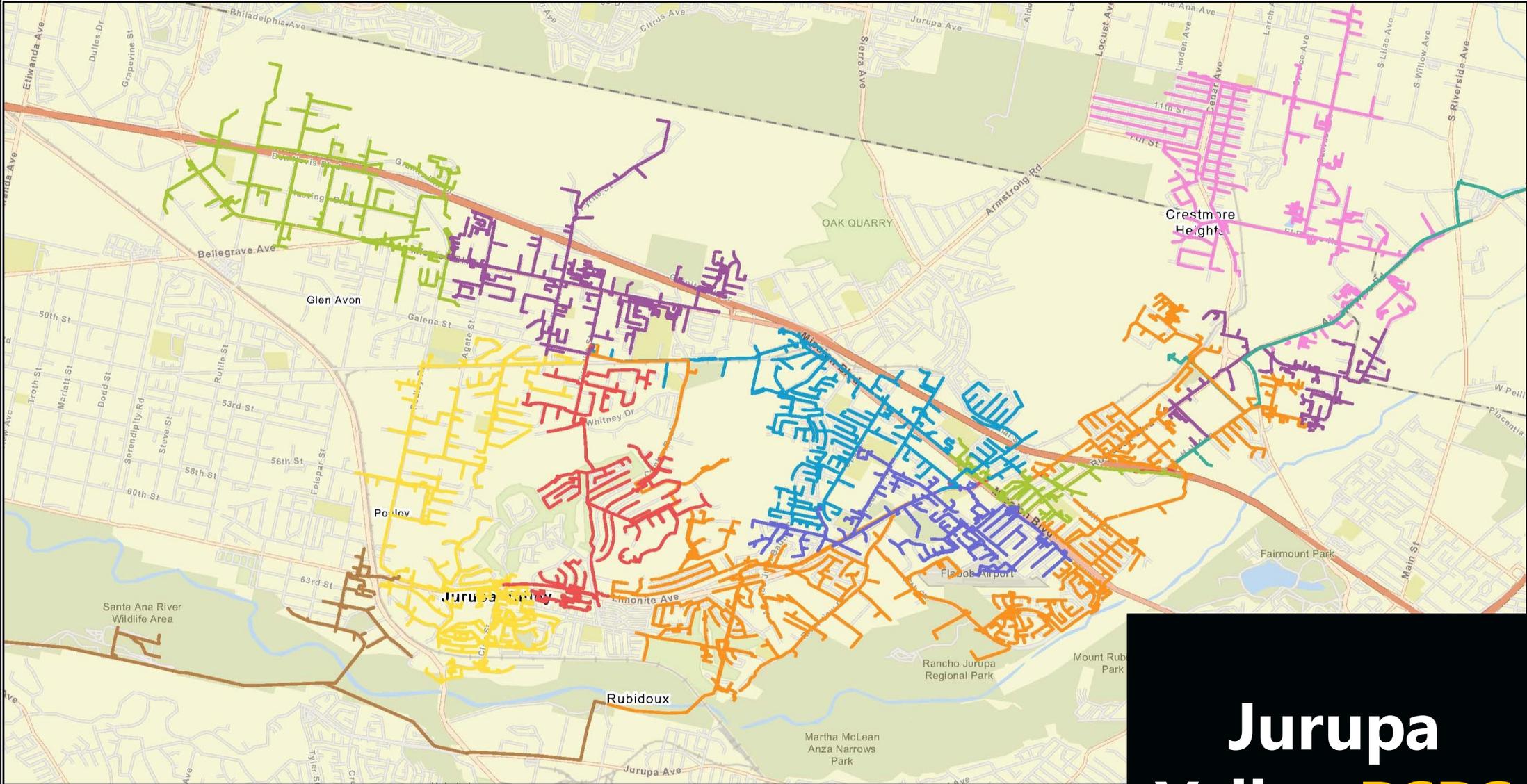
All Distribution Circuits

- WEATHER STATION
- PSPS Circuit**
 - BLACKHILLS
 - CABANA
 - FLEETWOOD
 - GALENA
 - GOWAN
 - HIGHBALL
 - LA SIERRA
 - LARCH
 - LIMONITE
 - PARCO
 - SEBASTIAN
 - STAGHORN
 - TENDER
 - TEXFI
 - WINNEBAGO
 - ANDERSON
- ANDES
- BACARDI
- BELLGRAVE
- BELLTOWN
- BEN NEVIS
- CAMEO
- CONNING
- FLABOB
- GRAF
- HEFTLER
- KRAFT
- MATTERHORN
- MCENROE
- MESCAL
- NAYLOR
- OLYMPUS
- SEVAINE
- SNIPES
- WINEVILLE



FIND YOUR CIRCUIT
<https://drpep.sce.com/drpep>

All Jurupa Valley Circuits



Jurupa Valley PSPS Circuits

Jurupa Valley

PSPS Circuits

Legend			
CIRCUIT_NAME			
BELLTOWN	FLEETWOOD	LA SIERRA	SEBASTIAN
BLACKHILLS	GALENA	LIMONITE	STAGHORN
FLABOB	GOWAN	NAYLOR	TEXFI
	HIGHBALL	PARCO	WINNEBAGO



Jurupa Valley Specifics

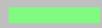
Galena 12kV out of Glen Avon Substation

Total Circuitry ~35 miles

Overhead 54% and Underground 46%

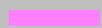
Multiple Sectionalizing Devices

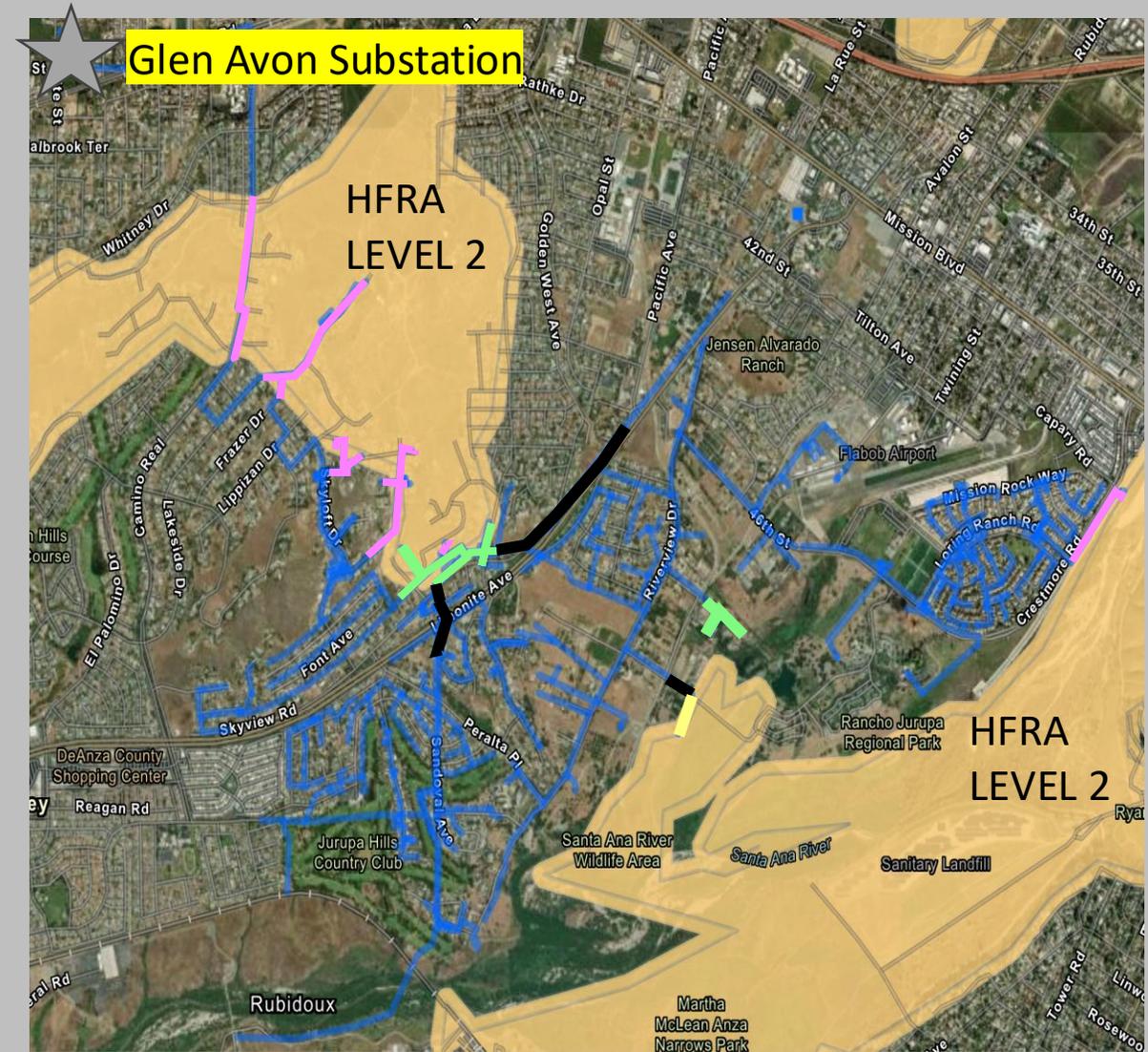
- RCS (2) Remote Control Switch
- RAR (1) Remote Automatic Recloser
- RSR (8) Remote Sectionalizing Recloser

 Completed Covered Conductor in HFRA level 2

 2025 future planned Covered conductor in HFRA level 2

 Non-Covered Conductor Overhead Section

 Existing Underground Circuitry



Jurupa Valley Specifics

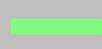
Staghorn 12kV out of Bain Substation

Total Circuitry ~19 miles

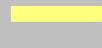
Overhead 78% and Underground 22%

Multiple Sectionalizing Devices

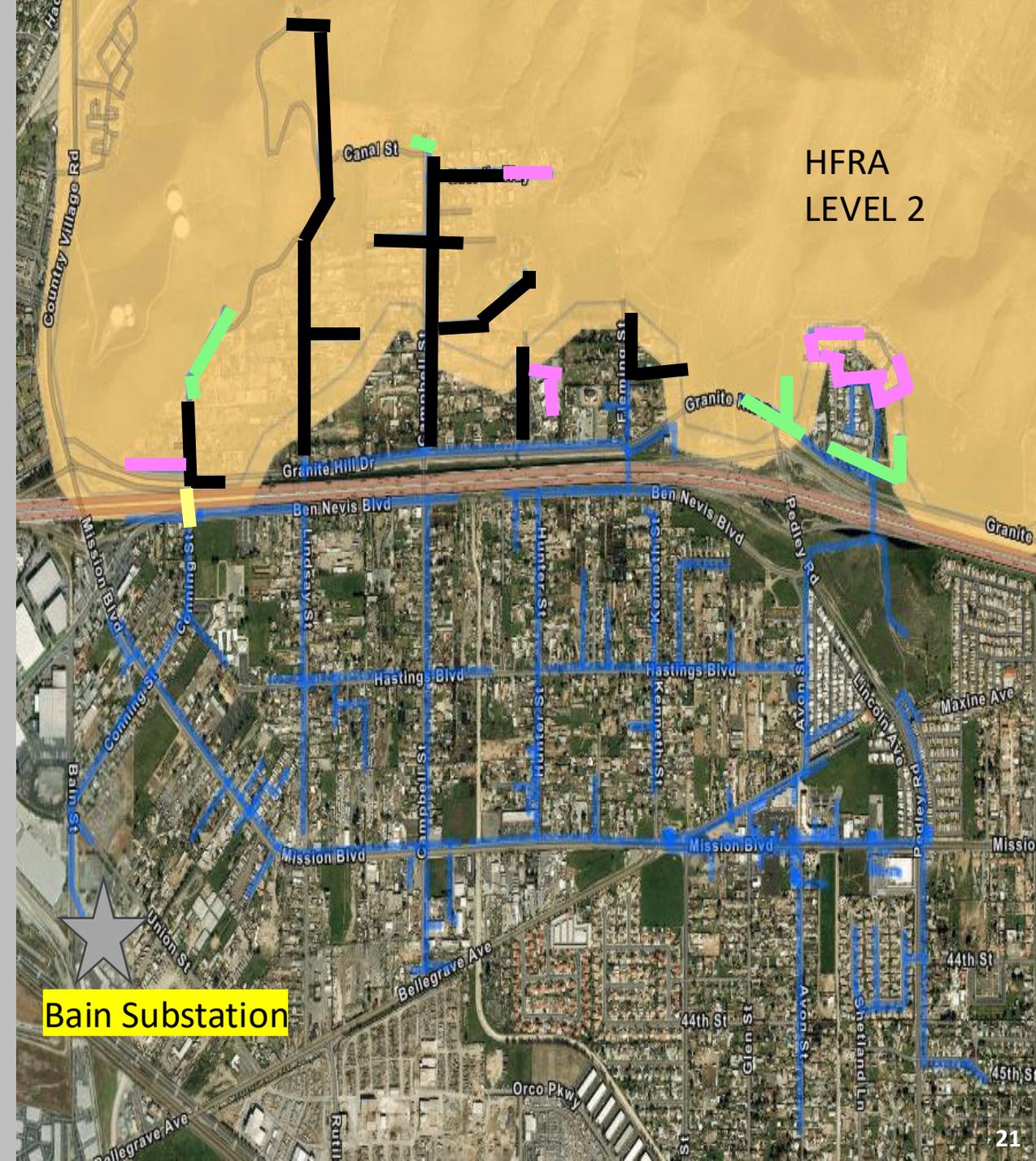
- RCS (1) Remote Control Switch
- RSR (1) Remote Sectionalizing Recloser

 Completed Covered Conductor in HFRA level 2

 2025 future planned Covered conductor in HFRA level 2

 Non-Covered Conductor Overhead Section

 Existing Underground Circuitry



Jurupa Valley Specifics

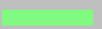
Highball 12kV out of Bloomington Substation

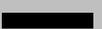
Total Circuitry ~30 miles

Overhead 90% and Underground 10%

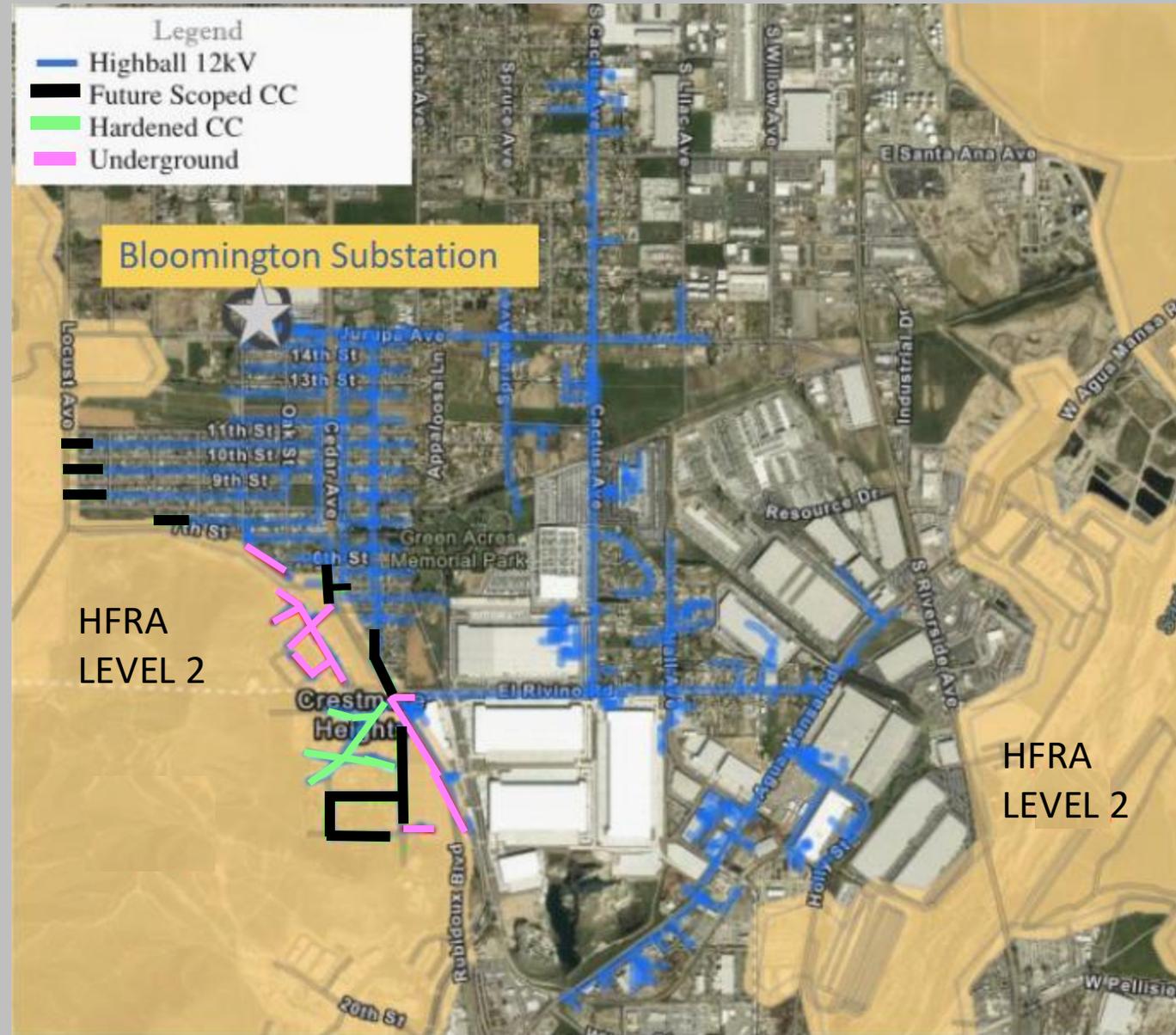
Multiple Sectionalizing Devices

- RCS (3) Remote Control Switch
- RSR (5) Remote Sectionalizing Recloser

 Completed Covered Conductor in HFRA level 2

 2025 future planned Covered conductor in HFRA level 2

 Existing Underground Circuitry



PARTNERING FOR PREPAREDNESS

How we can work together to improve community resiliency:

- 1 Share information about available customer support programs
- 2 Improve your personal and commercial resiliency and emergency preparedness
- 3 Update your own and your loved ones' contact information
- 4 Stay informed:
 - During events visit [sce.com/PSPS](https://www.sce.com/PSPS)
 - Year round, attend a community meeting
 - This spring, look for our annual PSPS newsletter in your inbox

PSPS CUSTOMER PROGRAMS & RESOURCES

1

IN-EVENT CUSTOMER PROGRAMS

- Customer Resource Centers offer information, mobile and portable medical device charging, PSPS outage alert enrollment support, access to water, snacks, ice and insulated cold bags for medications
- Referrals to 211 and food banks for customers with access and functional needs
- Disability Disaster Access and Resources (DDAR) to help elderly customers or those with disabilities to find hotels or rides
- Secondary notification, for all medical baseline and critical care customers (who cannot be reached through their provided contact information)



RESILIENCY PROGRAMS

- DDAR support for emergency planning
- Critical Care Backup Battery (CCBB) program provides eligible customers with a portable backup battery to power a medical device during a PSPS event
- In-Event Loan Battery Pilot supports customers during PSPS activation that have not enrolled in CCBB
- Rebates on portable batteries and generators for customers residing in high fire risk areas are available on marketplace.sce.com

PSPS PREPAREDNESS

PREPAREDNESS TIPS

- Learn if you or your family members qualify for Medical Baseline or Critical Care programs
- Keep important phone numbers nearby (hospital, doctor, relatives, etc.)
- Learn how to manually open automatic garage doors or gates
- Familiarize yourself with your home's utility boxes and how to turn them off
- Consult with a licensed electrician before installing a home generator
- Create a family safety preparedness plan



First Aid Kit

Remember to include prescription medications and check the expiration dates



Bottled Water

At least a gallon per person per day



Flashlights

Store them where you can easily find them



External Rechargeable Battery Pack

These can be used to charge cell phones and other electronic devices



Battery-Operated or Hand-Crank Radio

Radios can be used to access news reports during an emergency event



Fresh Batteries

Have extra batteries for all battery-powered equipment



Non-perishable Food

Choose items that don't require cooking or heating, and have a manual can opener



Special-Needs Items

This includes items for infants, the elderly, the disabled, or pets



Coolers or Ice Chests

Have a few to store ice in case of a lengthy outage



DOWNLOADABLE EMERGENCY PREPAREDNESS GUIDE



Primary Contact Information

Name: Chevy Chase
 Phone: 805-123-4567 Cell Phone: 909-987-6543
 Street Address: 1234 Main Street, My City, CA

Emergency Contact Information #1

Name: Steve Martin
 Phone: Cell Phone: 626-456-9535

Emergency Contact Information #2

Name: Martin Short
 Phone: Cell Phone: 323-856-7459

Emergency Location Information:

Emergency Kit Location: Pantry
 Emergency Meeting Location: Costco at 8945 Short Street, That City, CA
 Nearest Hospital: ACME Hospital at 8161 Swing Drive, This City
 Evacuation Center: My City Community Center at 5543 Putter Drive, This City
 Location for Supplies (EX: Ice): Local Grocery Store
 Generator Rental: ACME Generators
 Nearest Cooling Station: My City Community Center at 5543 Putter Drive, This City

Notes and Additional Information:

1. Medicine; 2. Medical Equipment; 3. Pet Food

Medical Contact Information

Doctor's Name:	Michaela Quinn	Prescription #1:	Morning Meds
Phone:	213-555-6985	Prescription #2:	Afternoon Meds
Pharmacy Phone:	231-486-7512	Prescription #3:	Bedtime Meds
		Prescription #4:	
		Prescription #5:	
		Prescription #6:	

Important Links

- Community Safety: sce.com/wildfire/Community-Safety-Events
- View Outages: sce.com/outage
- Manage Outage alert preferences: sce.com/outagealerts
- Medical Baseline Application: sce.com/medicalbaseline
- SCE Facebook: Facebook.com/sce
- SCE on Twitter: [@sce](https://twitter.com/sce)
- SCE on YouTube: YouTube.com/sce

Stop by our table on your way out to update your contact information

OR

Update contact information at sce.com/preference-center or use the link on the sce.com outage page

Non-customers can sign up for PSPS address alerts



3

PSPS COMMUNICATIONS

Notifications

- SCE provides PSPS notifications through various communication channels
 - SCE account holders (email, text, and voice call)
 - Address level alerts
- Manage outage notifications and ensure information is current in the customer preference center

SCE Outage Map

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

Power Outages

Search by address, city, county or ZIP



[Click here to enter the outage number and check the status](#)

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

Report

Outage Alerts

Stay informed about unplanned repair and planned maintenance outages.

Get Alerts >

Community Support



Resource Centers

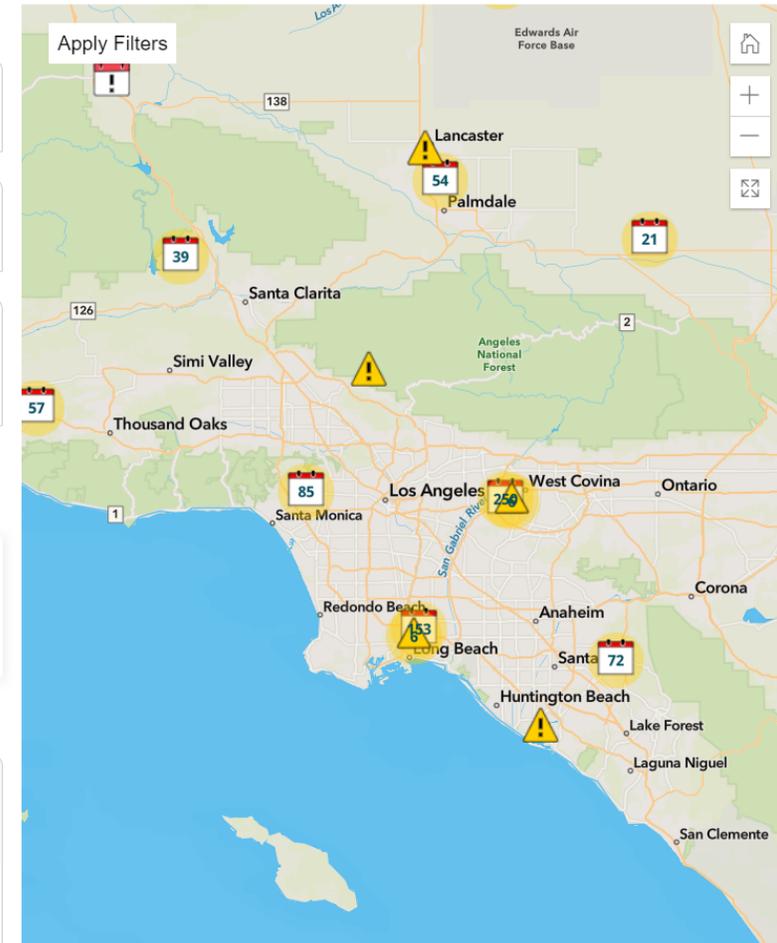


Crew Vehicles



Further Assistance

SCE Community Resource Centers are available to support customers during a Public Safety Power Shutoffs... [More](#) v



HELPFUL INFORMATION & RESOURCES

SCE Wildfire Webpage – sce.com/wildfire

SCE Notifications

- Sign up for PSPS alerts – sce.com/pspsalerts
- Sign up for the Energized by Edison Wildfire Mitigation Newsletter – energized.edison.com/newsletter

Situational Awareness

- SCE outage map – sce.com/outagemap
- PSPS information – sce.com/psps
- PSPS decision making – sce.com/pspsdecisionmaking
- Role of weather in PSPS – sce.com/fireweather
- Weather awareness for PSPS – sce.com/wildfire/weather-awareness
- Situational awareness map – sce.com/wildfire/situational-awareness
- Wildfire cameras – alertcalifornia.org
- Weather stations – sce.com/weatherstations
- CPUC wildfire maps – ia.cpuc.ca.gov/firemap/

Preparedness

- SCE emergency preparedness – sce.com/safety/family/emergency-tips
- CAL FIRE preparedness – readyforwildfire.org

Vegetation Management

- Vegetation Management – sce.com/safety/power-lines; contact 1-800-655-4555 or safetrees@sce.com

Targeted Undergrounding

- Targeted Undergrounding – sce.com/tug; contact 1-888-331-0010 or SCEprojects@sce.com

Customer Programs & Rebates

- SCE Customer Programs & Resources – sce.com/customerresources
- SCE Marketplace (rebates and programs) – marketplace.sce.com
- SCE Critical Care Backup Battery Program – sce.com/ccbb
- SCE Access & Functional Needs Resources – sce.com/afn
- SCE Medical Baseline Program – sce.com/medicalbaseline
- Self Generation Incentive Program (SGIP) – sce.com/sgip or selfgenca.com
- SCE Customer Support: 1-800-655-4555

Community Meetings

- Join SCE's wildfire safety community meetings – sce.com/wildfiresafetymeetings

Energized by Edison

- Stories and videos on SCE's wildfire safety efforts – edison.com/wildfire-safety