



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

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EVOLVING PUBLIC  
SAFETY POWER  
SHUTOFFS TO  
SUPPORT  
COMMUNITY  
SAFETY AND  
REDUCE THE RISK  
OF WILDFIRES



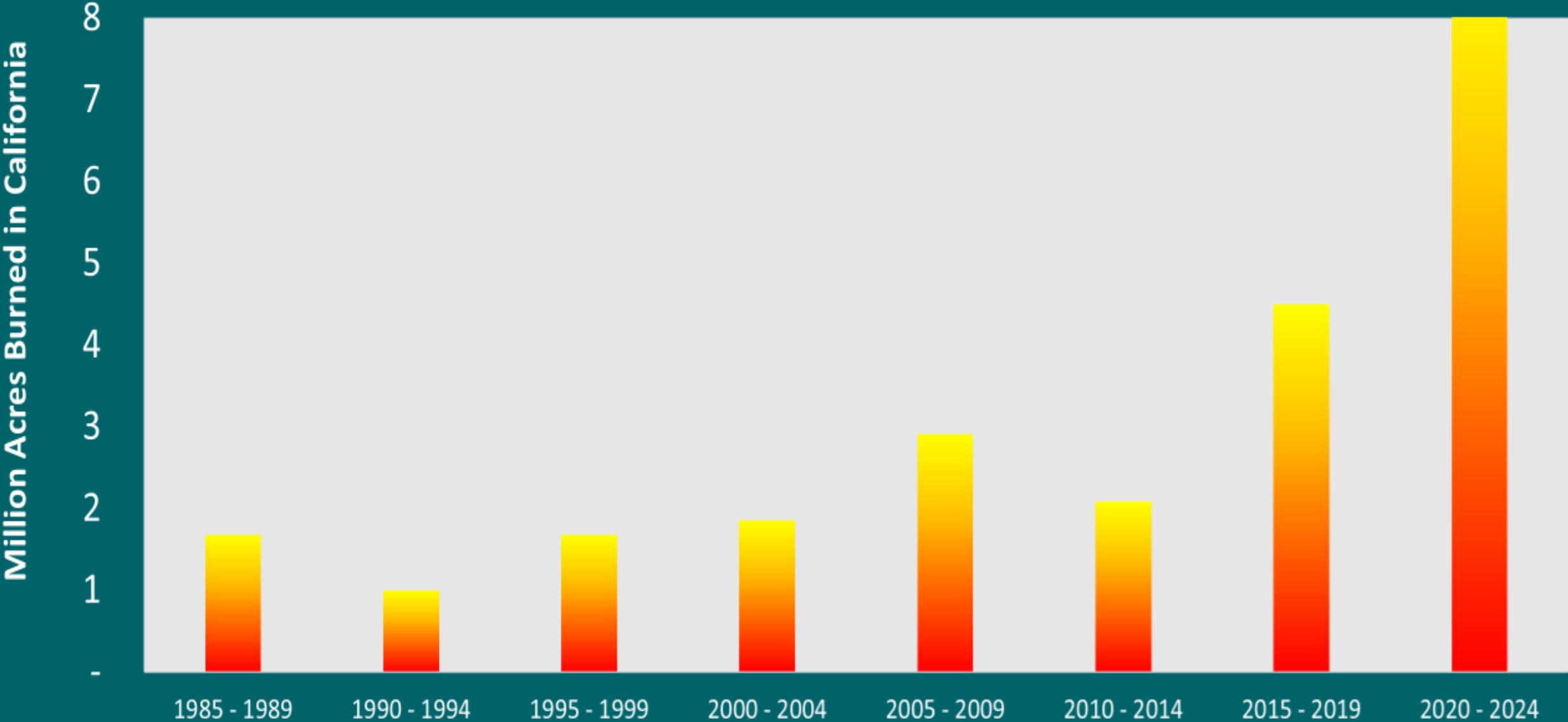
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# PUBLIC SAFETY POWER SHUTOFFS

PSPS reduces the risk of winds causing debris or trees to come into contact with utility equipment and starting a fire when fuels are dry and fire risk is high.

PSPS is necessary to save lives and protect communities.

# ACRES BURNED IN CALIFORNIA, 1985-2024



# UPDATES TO PSPS PROGRAM

## FPI AND WINDSPEED CRITERIA REFINEMENTS

- Updated criteria and windspeed thresholds
- More PSPS activations in 2025 likely
- Outage events maybe up to twice as large; however, actual weather behavior in 2025 could be much different

## NEW HFRA CIRCUITS / EXPANDED BOUNDARIES

32 new circuits and ~47,000 more customer accounts now in HFRA and in scope for PSPS

## EXPANDED PRECAUTIONARY HFRA BOUNDARIES

~43,000 more customer accounts could be in scope for PSPS

# OUTAGE TYPES:



**Repair Outage** | Emergent outages to make repairs following unexpected events or severe weather



**Maintenance Outage** | Planned outage to allow crews to perform essential upgrades like covered conductor



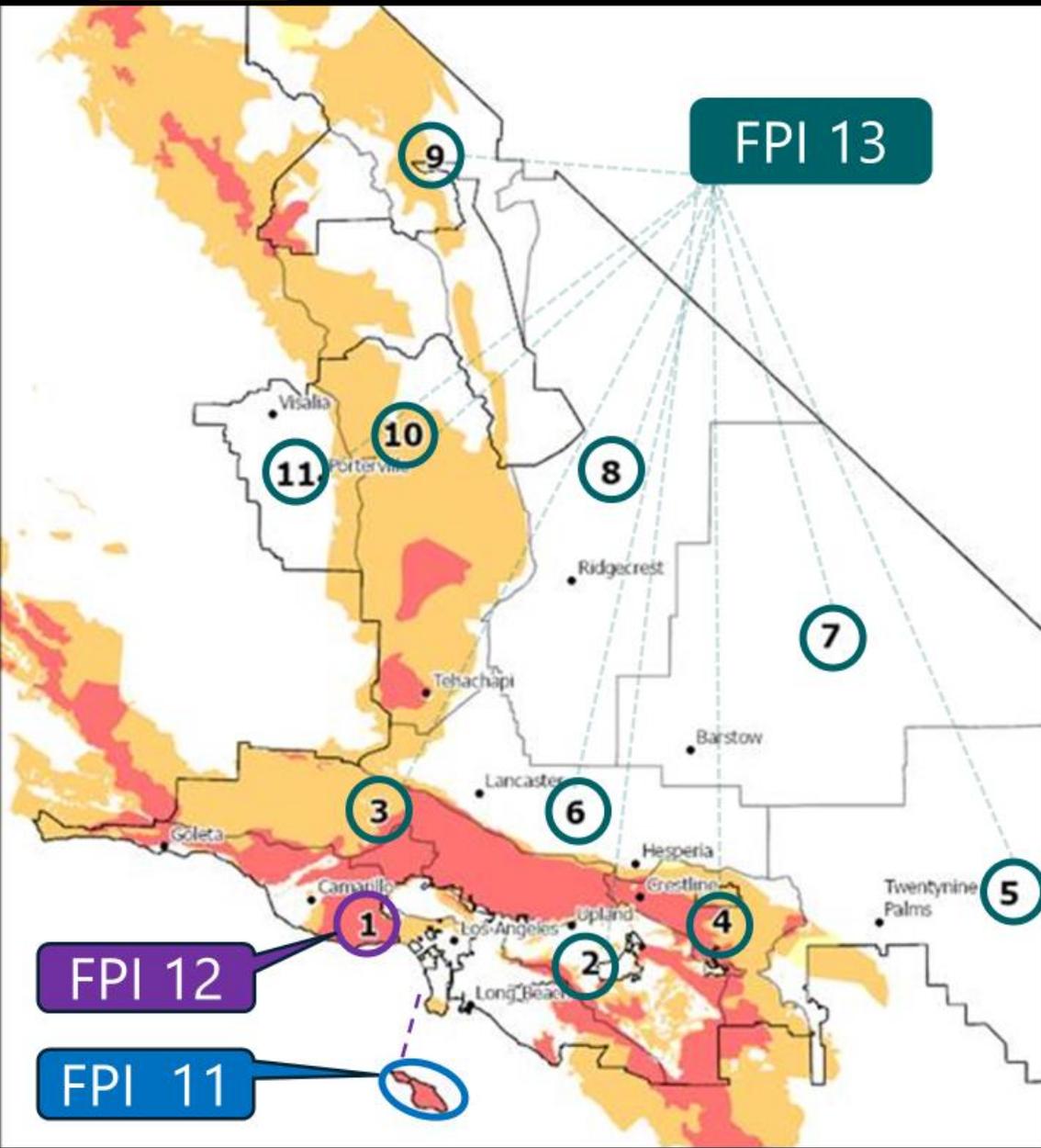
**PSPS** | Power shutoff to reduce the risk of wildfires by utility equipment during severe fire weather conditions



**Rotating Outage** | Temporary outages mandated by CAISO to ease demand during high usage periods

# FIRE POTENTIAL INDEX THRESHOLDS

Use for all meetings

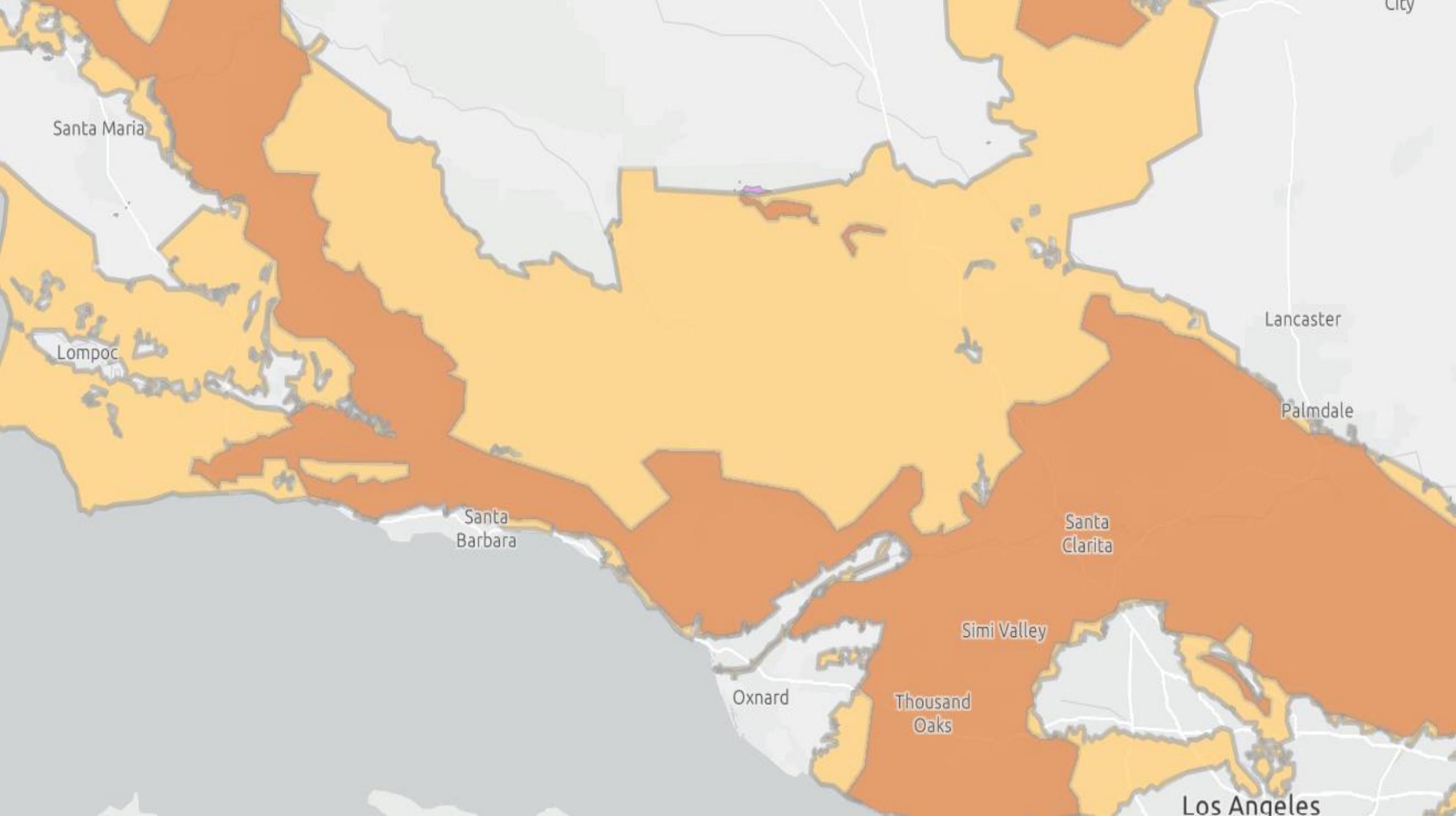


**FIRE POTENTIAL INDEX (FPI) 1-17** is a formula used to estimate the potential of fire ignition and spread.

**HIGH FIRE RISK AREAS (HFRA<sub>s</sub>)** correspond to CPUC High Fire Threat Districts (HFTD), with small deviations. HFRA Tiers 2-3: 2 3

**FIRE CLIMATE ZONES (FCZ<sub>s</sub>)** 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.*



Santa Maria

Lompoc

Santa  
Barbara

Oxnard

Thousand  
Oaks

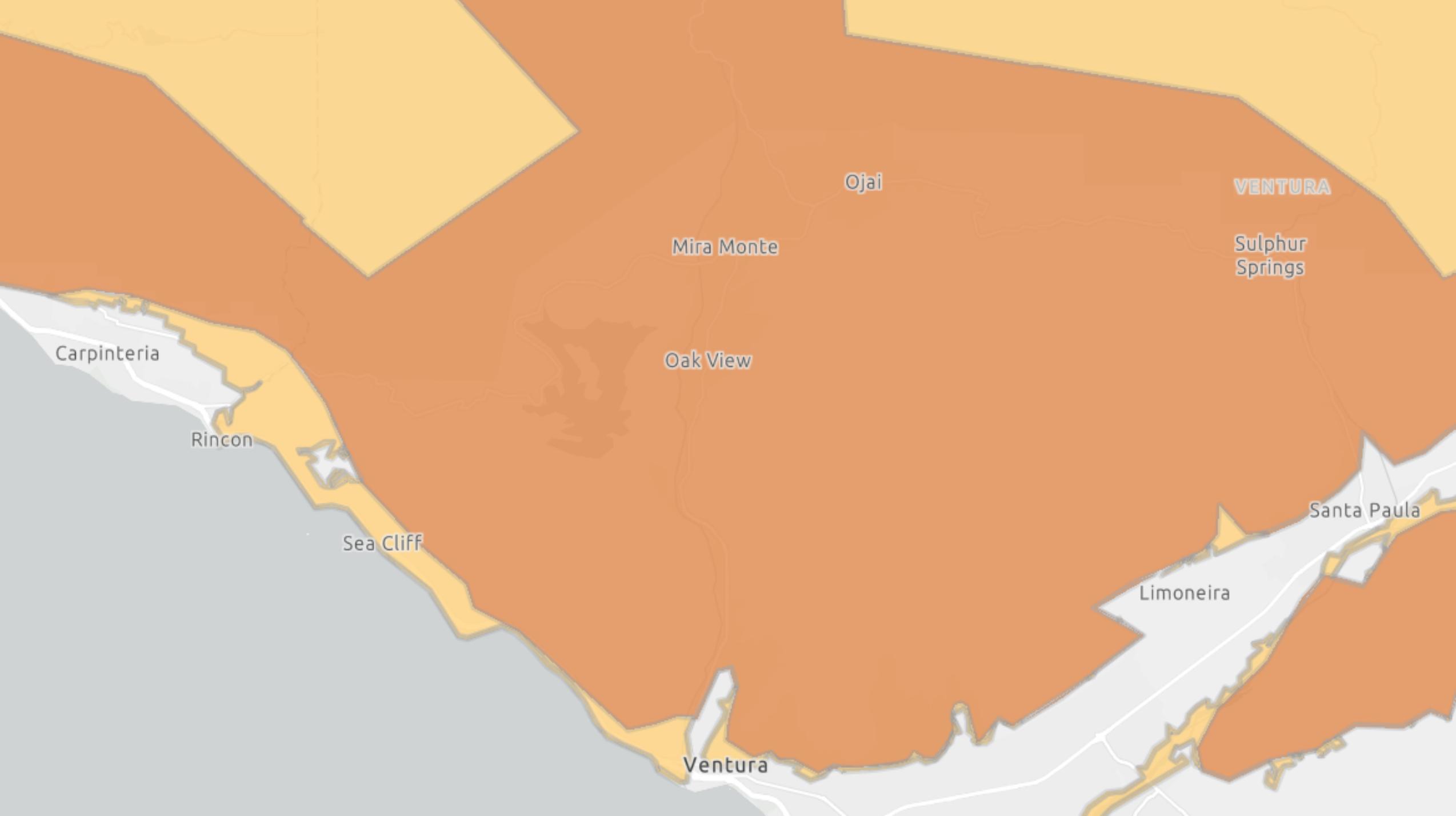
Simi Valley

Santa  
Clarita

Lancaster

Palmdale

Los Angeles



Carpinteria

Rincon

Sea Cliff

Oak View

Mira Monte

Ojai

VENTURA

Sulphur  
Springs

Limoneira

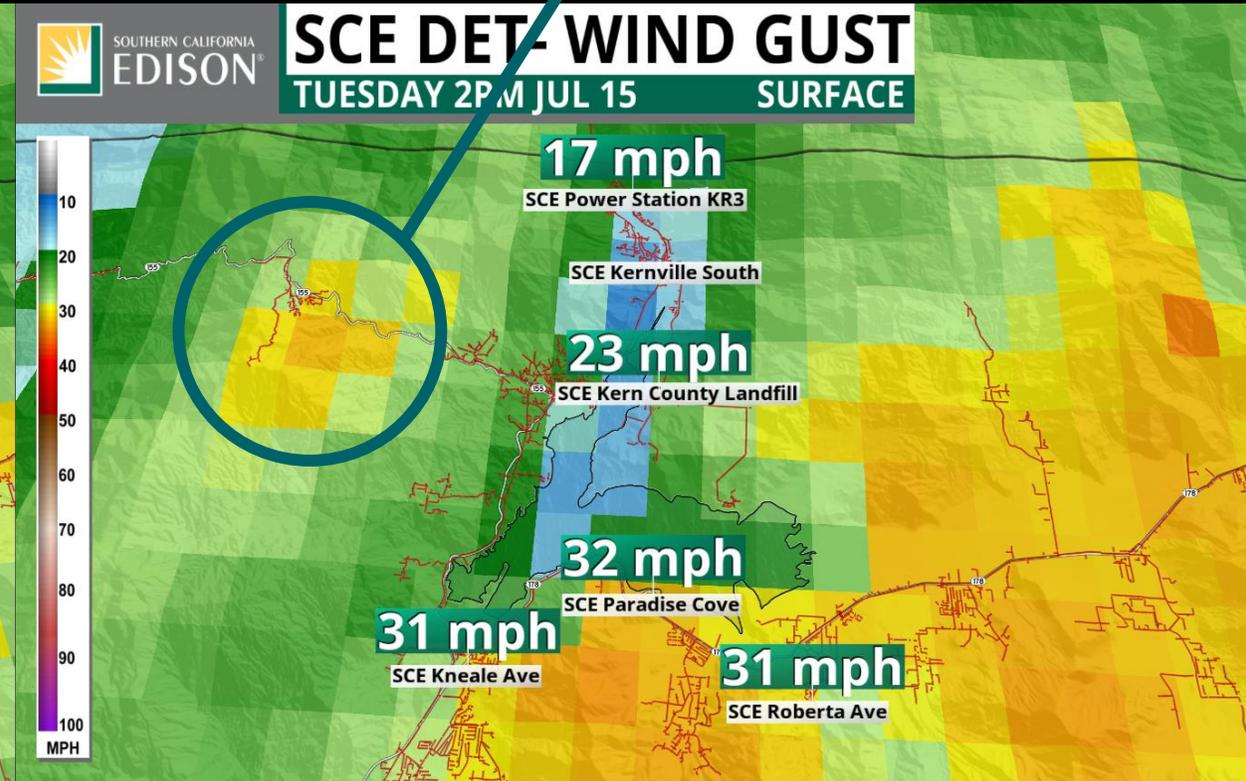
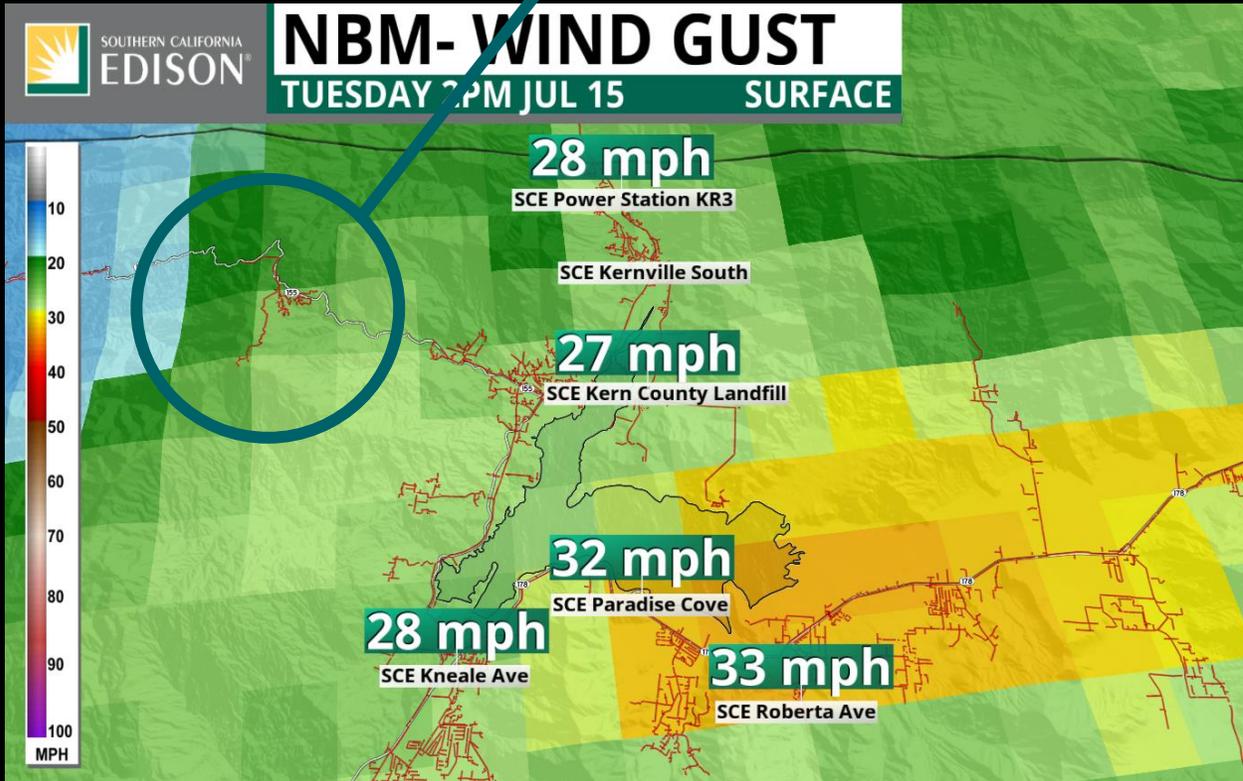
Santa Paula

Ventura

# NATIONAL WEATHER SERVICE VS. SCE FORECASTS

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

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



# 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 are adjusted (lowered) based on circuit, environment and event-specific factors to determine circuit specific shut off values for each event.

# 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.*

# **FIELD OPERATIONS**

## **Pre-Patrol (up to 3 Days before POC)**

- Looks for hazards that could present imminent danger to equipment or could be a potential fire risk
- Identifies if equipment conditions are deteriorating

## **Live Field Observers (up to 2 hours before POC) Observe field conditions**

- Monitor winds
- Assess damage
- Perform manual switching

## **Restoration patrol**

- Pre-positioned on each circuit near end of the event
- Inspect all lines for damage
- Average ~6 hours for patrol by truck
- ~15% of circuits in HFRA require helicopter patrol
- Conditional restoration if there is a sufficient gap between adjacent periods of concern



# PSPS CUSTOMER COMMUNICATIONS

## Notifications

- SCE Account Holders (email, text, and voice call)
- Address Level Alerts: sign up at [scepsps.com](https://scepsps.com)

## SCE Outage Map

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

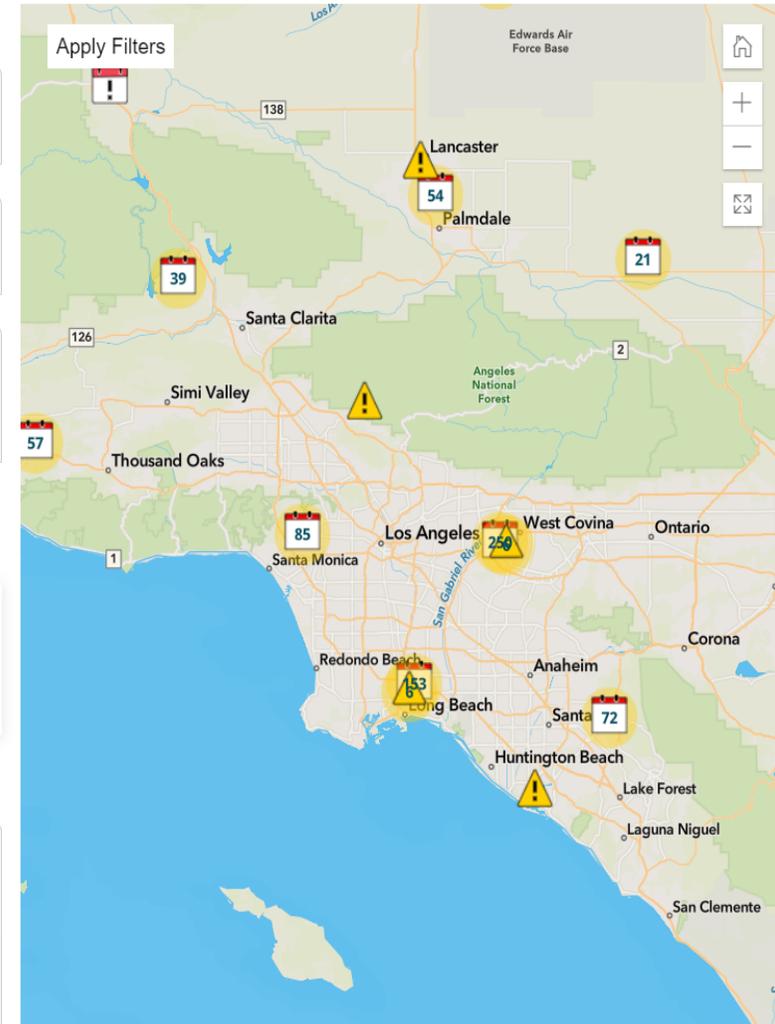


Crew Vehicles



Further Assistance

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



# ENHANCEMENTS TO OUTAGE MAP

Clearer layout to outage map page for better visibility

Refined circuit boundaries to minimize visual overlap and confusion



Redesigned PSPS display panel on outage map provides near-real-time updates, showing circuit name and location linked to the searched service address.

**Power Shutoff Warning** [View Map](#)

Increased fire risk conditions are expected in this area from **5/28/2025 - 3:00 PM PST** to **5/29/2025 - 6:00 PM PST**

Be prepared for a PSPS during this time, although we may avoid shut-offs.

Circuit Name: TETLEY

Updated: 5/29/2025 - 8:42 AM PST

**🔥 This location is in a High Fire Risk Area. Power may be shut off during a PSPS to prevent wildfires.**

Circuit Name: TETLEY

Last Updated: Not Available [Refresh your browser to view the latest outage information](#)

# MITIGATING IMPACTS OF PSPS

## COMMUNITY CARE RESOURCES

- **99 Community Resource Centers/ 8 Community Crew Vehicles** provide water, snacks, thermal bags for medication, and access to charging stations
- **8 Resiliency Zone Sites** powered by backup generator provided by SCE to operate even if the local power is down

## CUSTOMER 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

Lower your bill and back up your home at SCE's new [Solar Marketplace!](#)

debar

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 	GREAT PRICE 	BEST REVIEWED 
 <p>Champion Power Equipment... <b>Champion Power Equipment CO Shield</b></p> <p>Up to a \$600 rebate  <b>\$1,850.00</b></p> <p><input type="checkbox"/> Compare <a href="#">See offer</a></p>	 <p>WEN 56125i <b>1250-Watt Gas-Powered Inverter</b></p> <p>★★★★★ (21)</p> <p> <b>\$335.00</b></p> <p><input type="checkbox"/> Compare <a href="#">See all 2 offers</a></p>	 <p>Champion Power Equipment... <b>Champion Power Equipment CO Shield</b></p> <p>Up to a \$600 rebate  <b>\$806.67</b></p> <p><input type="checkbox"/> Compare <a href="#">See all 2 offers</a></p>

### All 11 portable generators

 <p>Champion Power Equipment... <b>Champion Power Equipment CO Shield</b></p>	 <p>Champion Power Equipment... <b>Champion Power Equipment CO Shield</b></p>	 <p>WEN DF475X <b>WEN 3800 / 3800 - Watt Dual fuel Portable</b></p>
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# ADDITIONAL SUPPORT

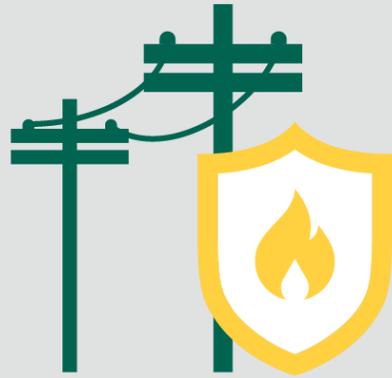
## For Individuals who:

- Have a physical, developmental or intellectual disability
- Use electrical medical equipment at home
- Older adults
- Rely on public transportation
- Participate in the Medical Baseline Program
- Self-certify as having a condition that can be significantly affected by the interruption of power

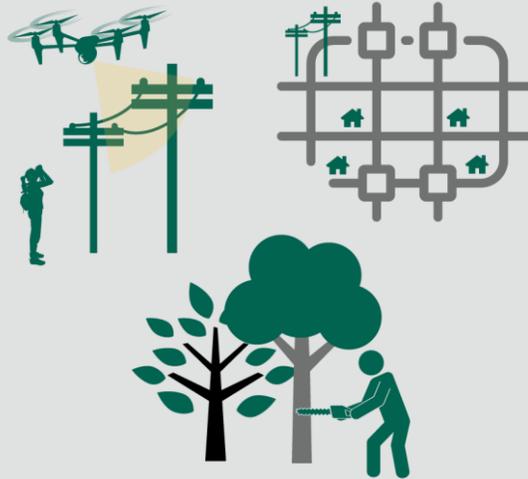
## ACCESS & FUNCTIONAL NEEDS (AFN) RESOURCES

- **211 referrals** for transportation, lodging and food assistance
- **Food bank** partnerships
- **Leveraging CBOs** to communicate with communities

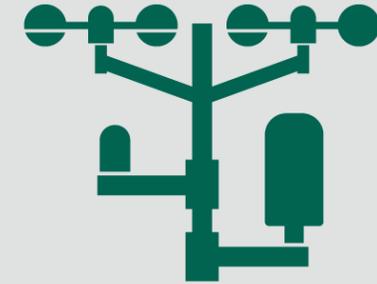
# A COMPREHENSIVE STRATEGY TO PREVENT, COMBAT AND RESPOND



**HARDENING  
THE ELECTRIC  
GRID**



**ENHANCING  
OPERATIONAL  
PRACTICES**



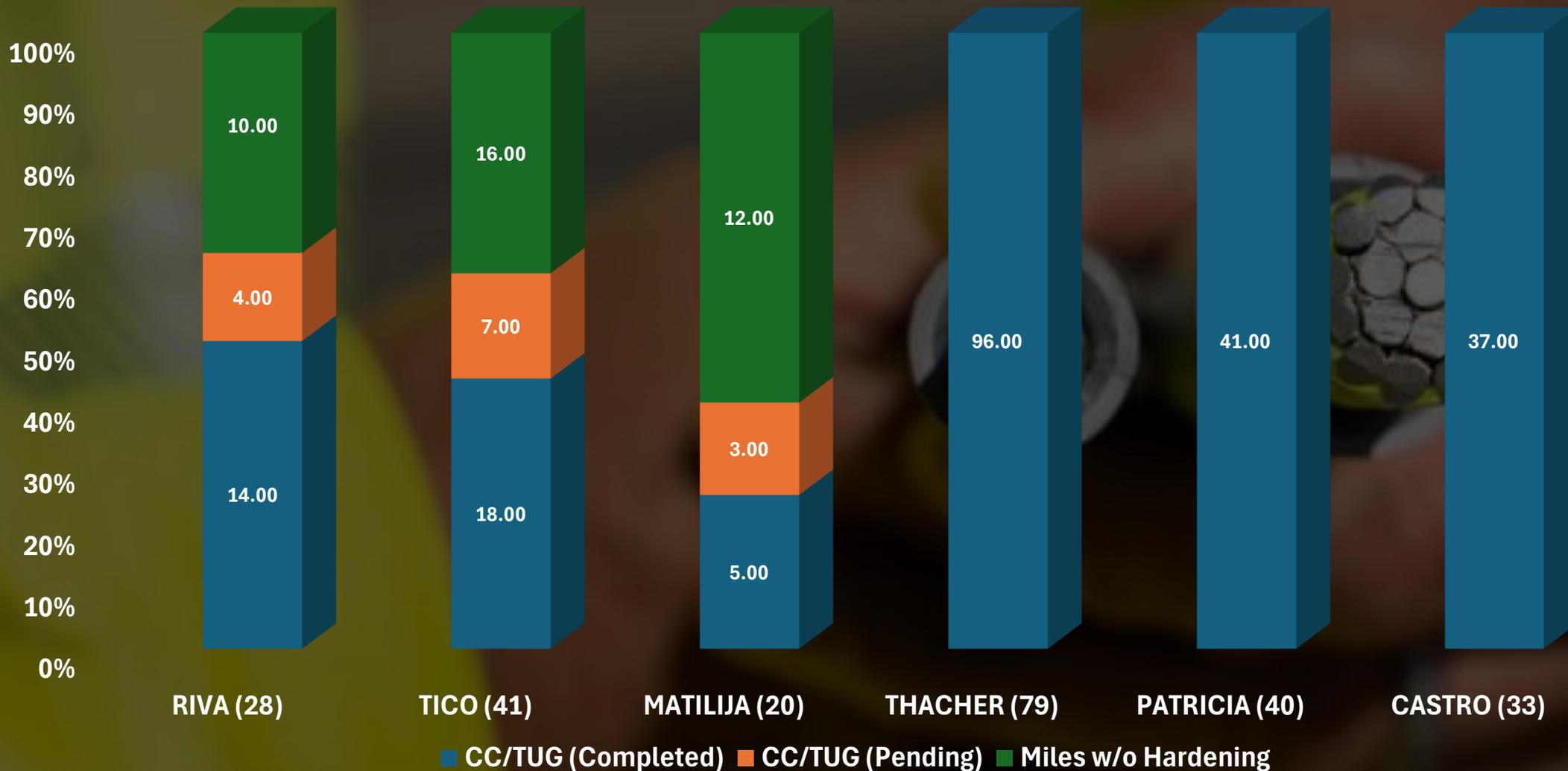
**BOLSTERING  
SITUATIONAL  
AWARENESS  
CAPABILITIES**

# COVERED CONDUCTOR

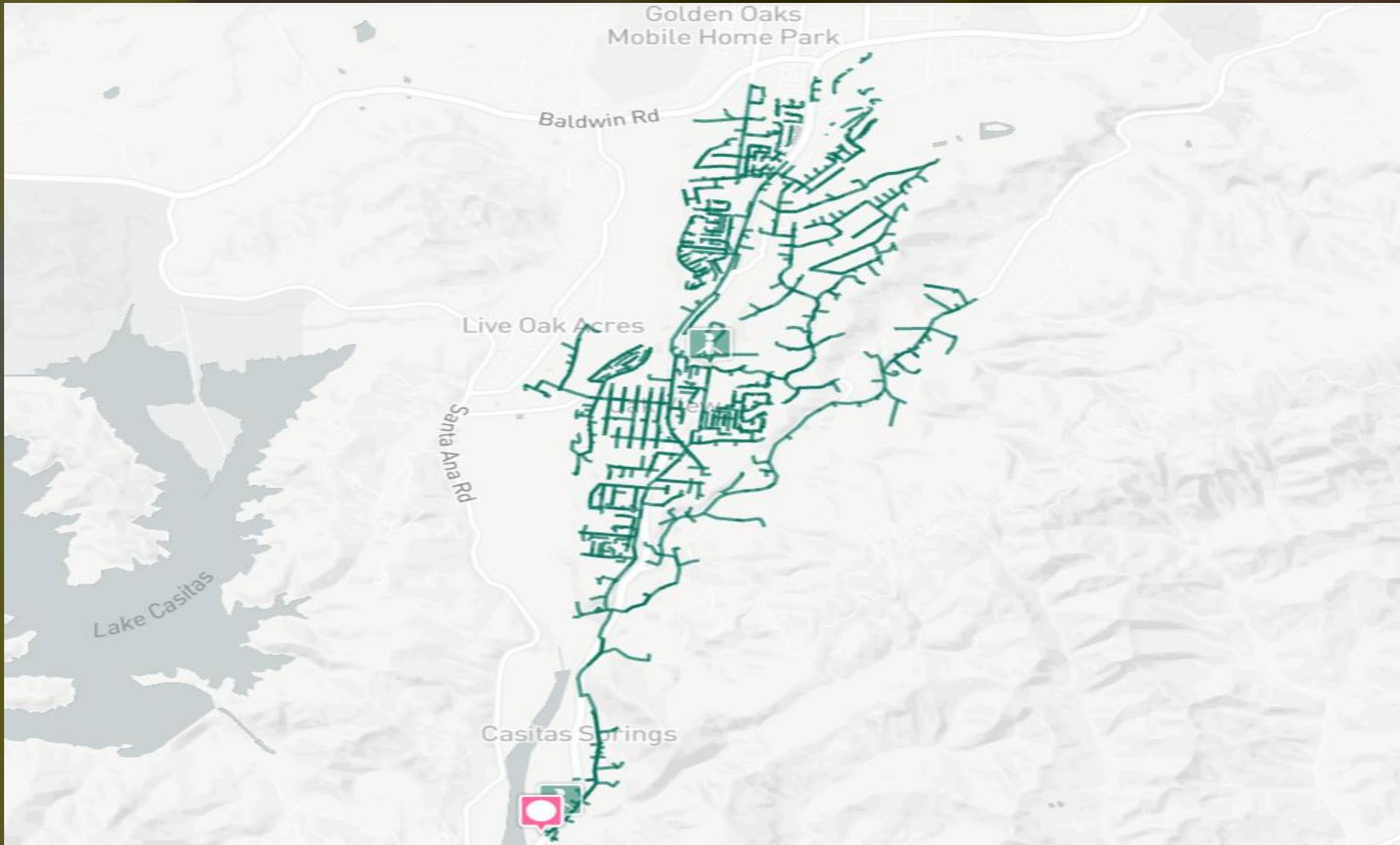
- Covered conductor estimated to be about 70% effective in mitigating ignition risk
- About **211 miles** of covered conductor, covering about 88% of SCE's overhead distribution lines in the Ojai Valley



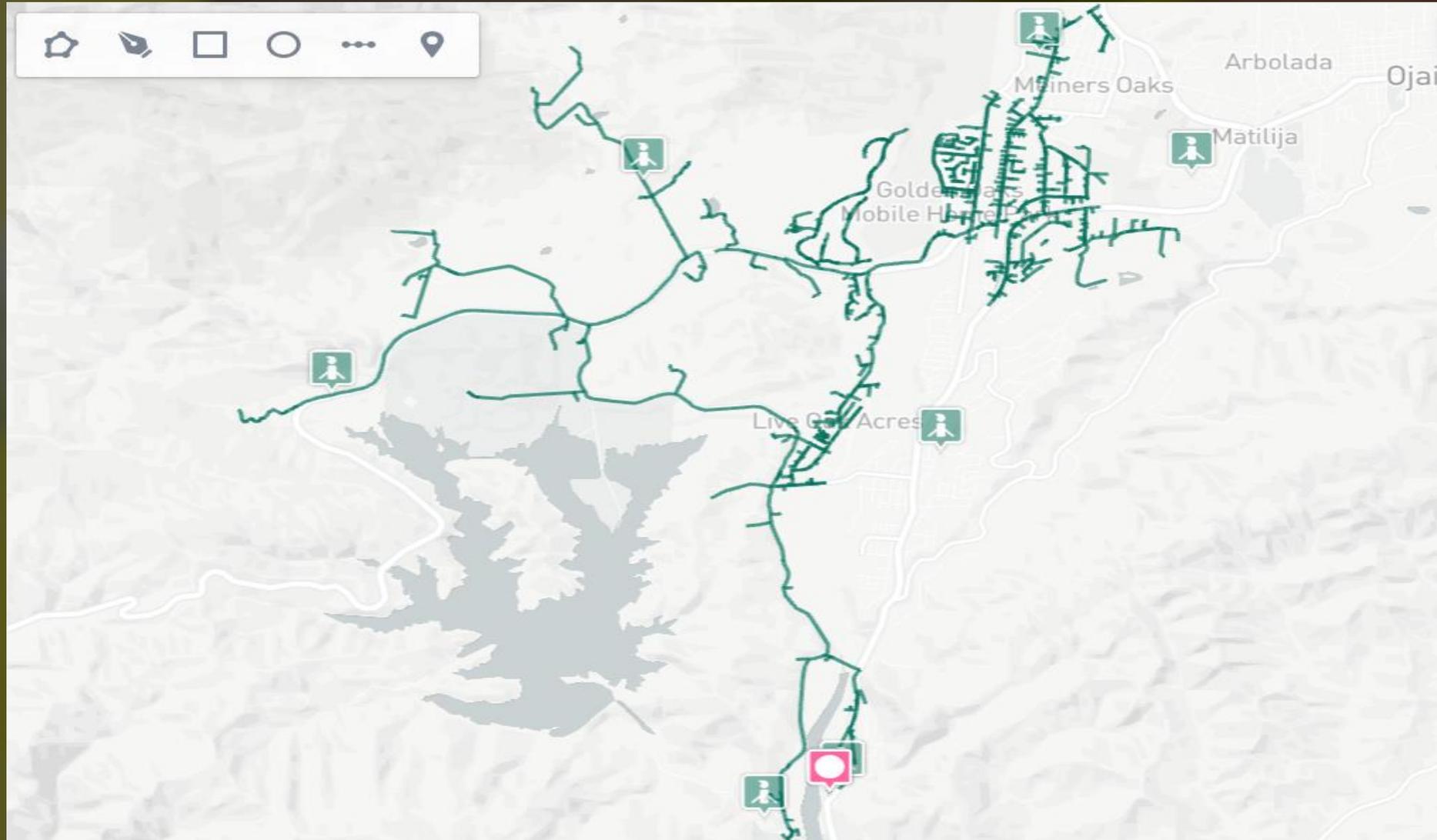
# HARDENING: CIRCUIT STATUS



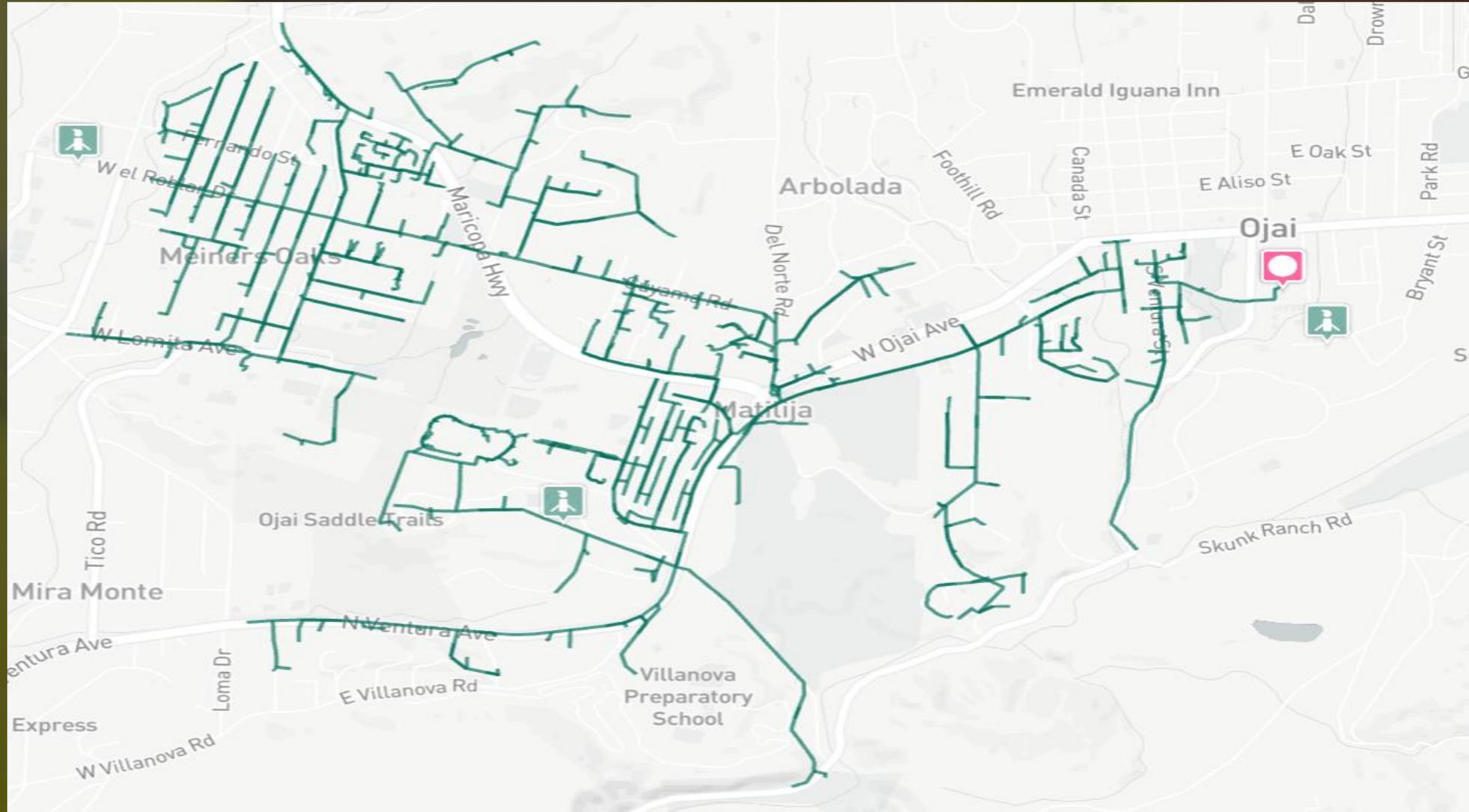
# RIVA CIRCUIT



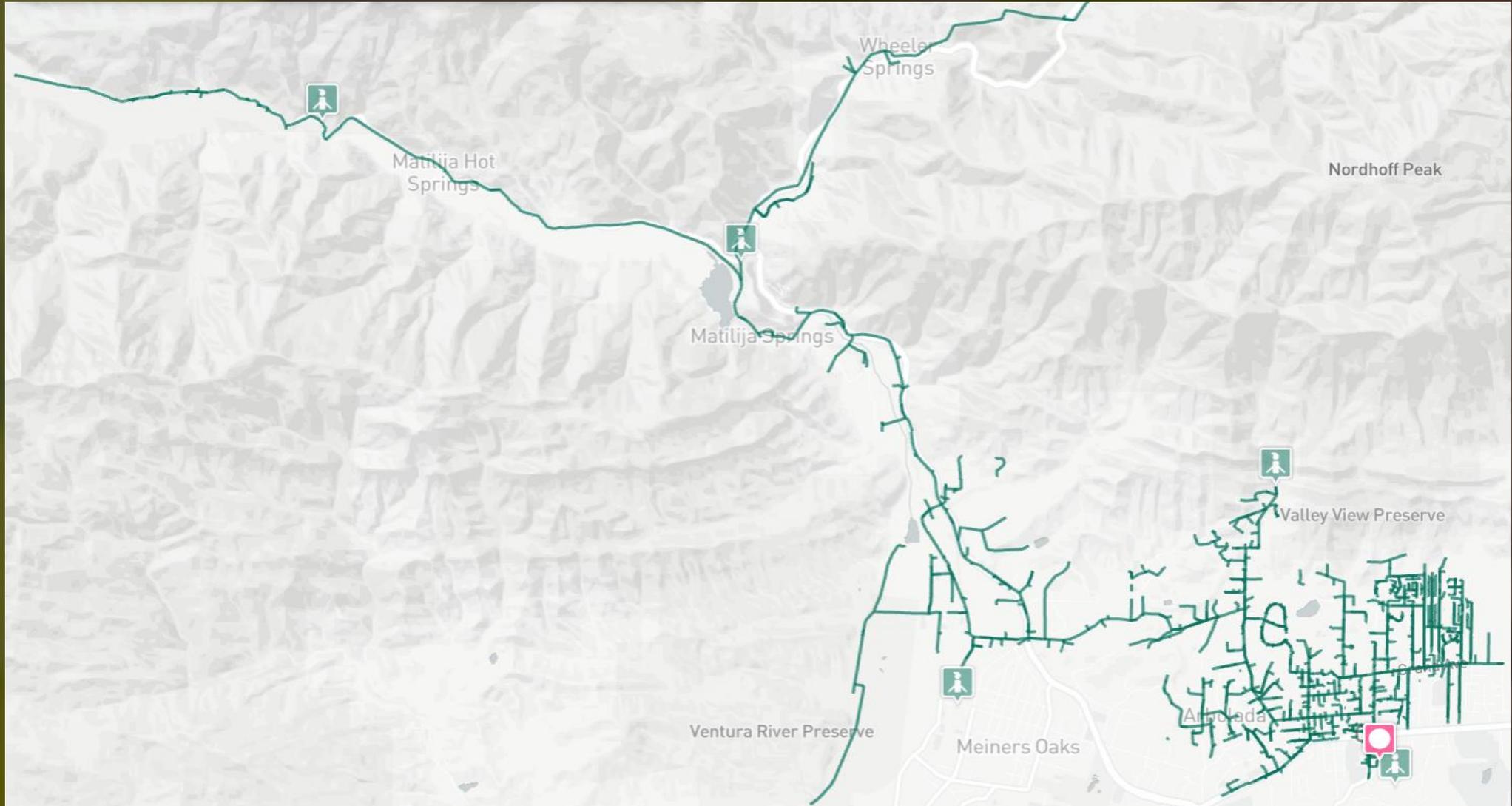
# TICO CIRCUIT



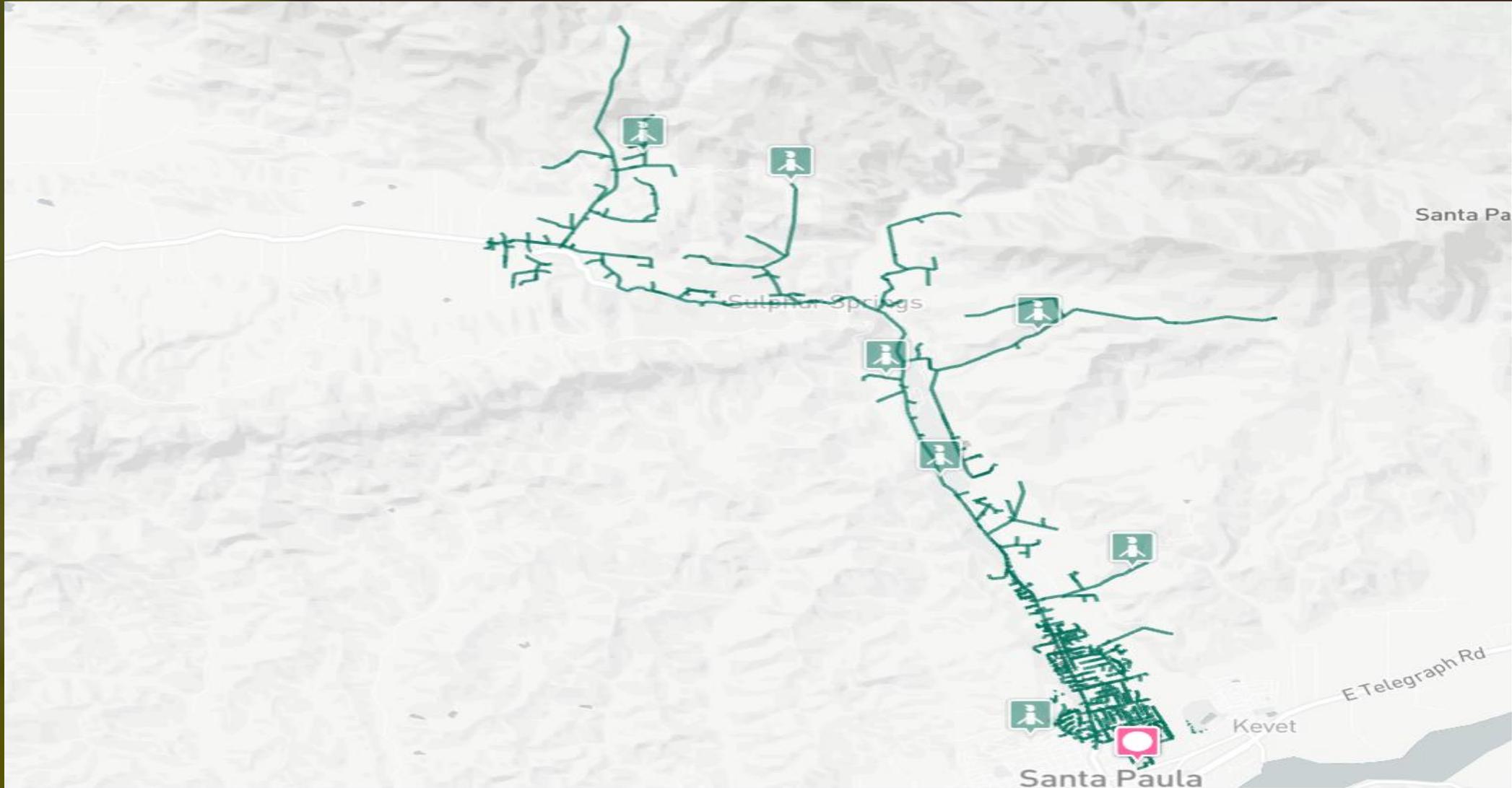
# MATILIJA CIRCUIT



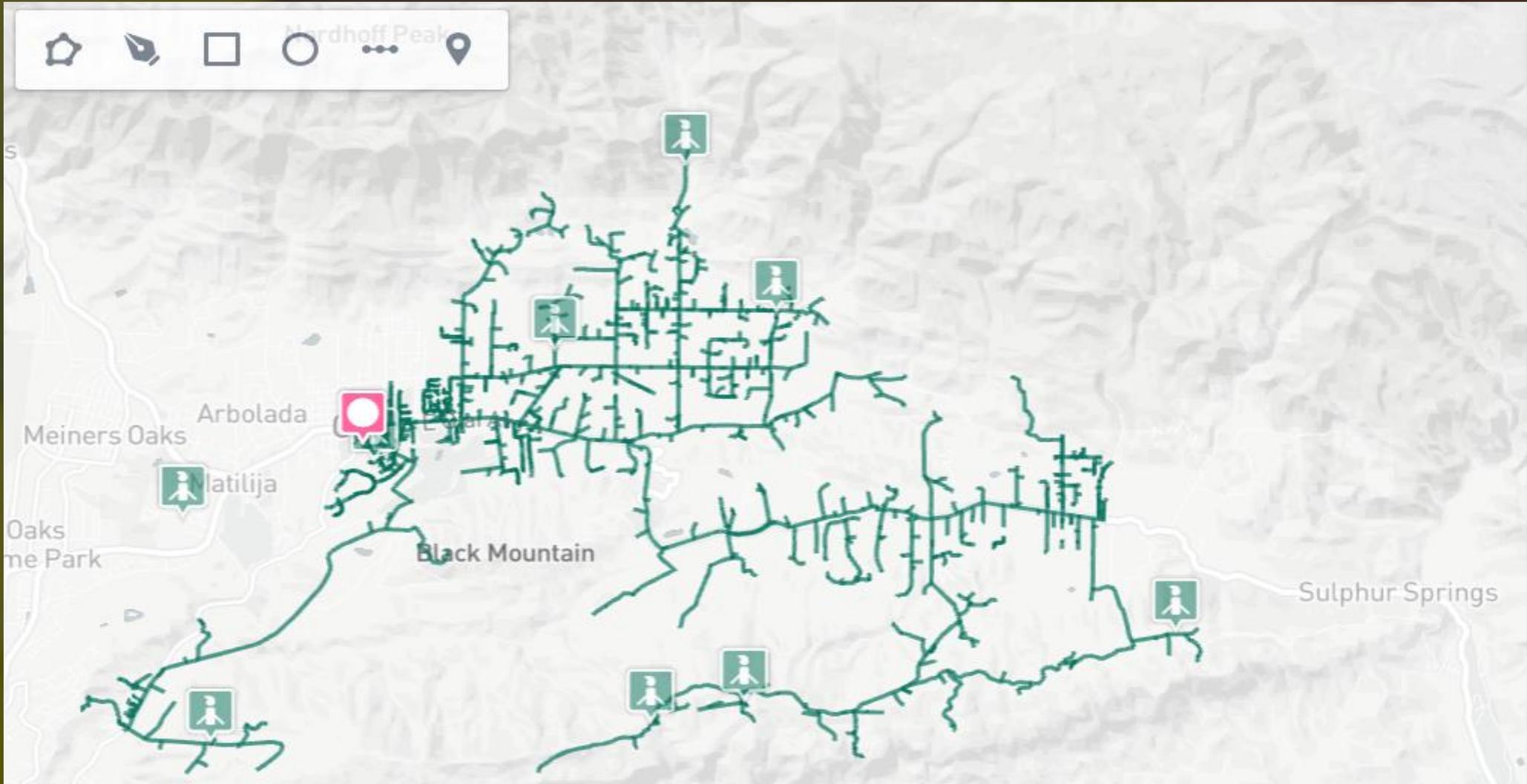
# PATRICIA CIRCUIT



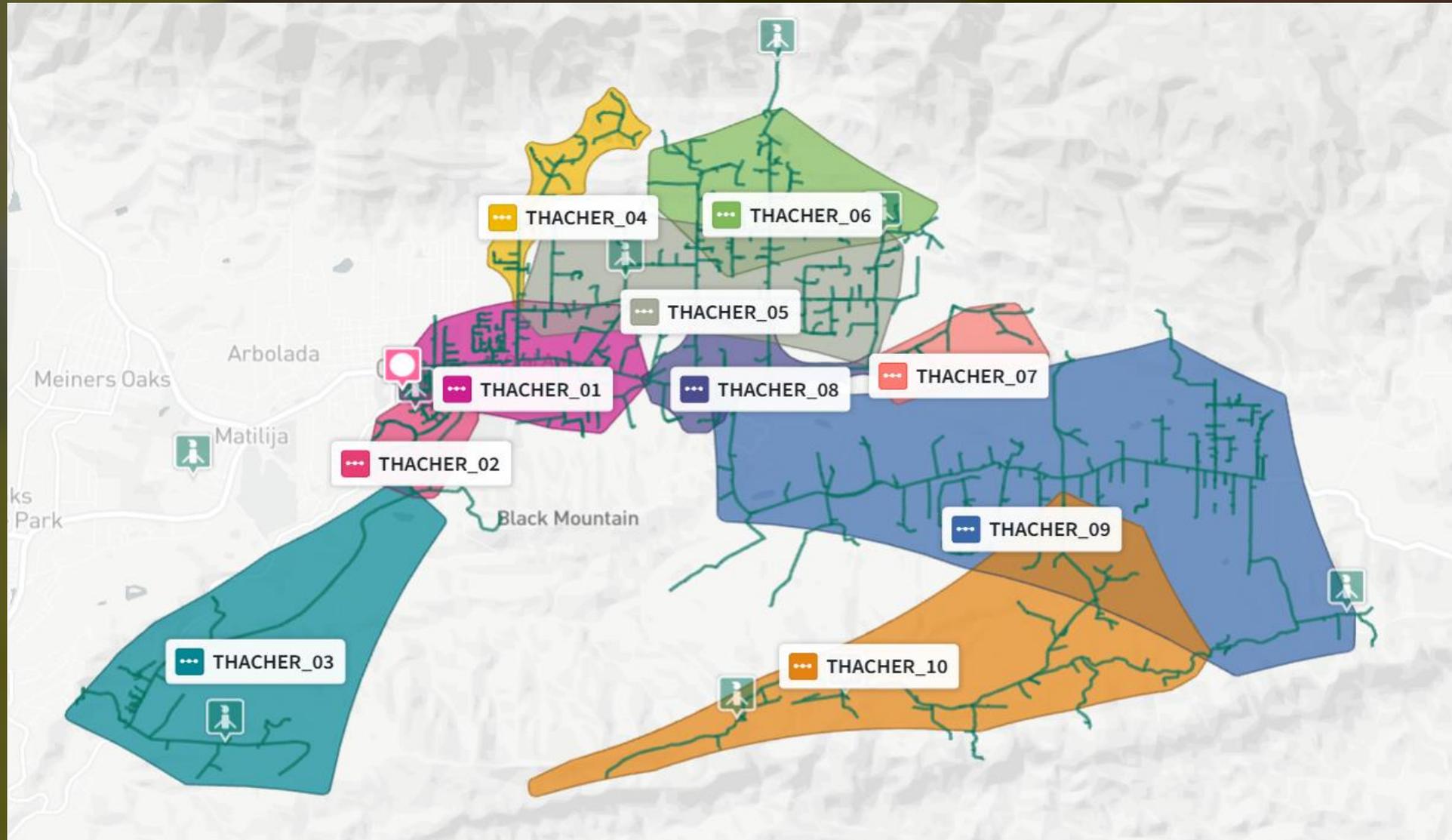
# CASTRO CIRCUIT



# THACHER CIRCUIT



# THACHER CIRCUIT SEGMENTATION



# Customer Resources

Please distribute to the public or post on your websites

## Public Safety Power Shutoffs (PSPS)

- PSPS Information & Current Status– [sce.com/psps](https://sce.com/psps)
- PSPS Informational Video– <https://youtu.be/zMQXOEspnck>
- PSPS Restoration Video– <https://www.youtube.com/watch?v=9-EjMcFCcIE>
- PSPS decision making– [sce.com/pspsdecisionmaking](https://sce.com/pspsdecisionmaking)
- Role of weather in PSPS– [sce.com/fireweather](https://sce.com/fireweather)
- SCE’s PSPS reports filed with the CA Public Utilities Commission- [www.cpuc.ca.gov/consumer-support/psps/utility-company-psps-reports-post-event-and-post-season](http://www.cpuc.ca.gov/consumer-support/psps/utility-company-psps-reports-post-event-and-post-season)

## SCE Notifications

- Sign up for PSPS alerts– [sce.com/pspsalerts](https://sce.com/pspsalerts)
- Sign up for Edison’s Newsletter- [energized.edison.com/newsletter](https://energized.edison.com/newsletter)

## Situational Awareness

- SCE outage map– [sce.com/outagemap](https://sce.com/outagemap)
  - Report an outage- 800-611-1911 or [sce.com/outage](https://sce.com/outage)
- Wildfire Communications Center– [sce.com/wcc](https://sce.com/wcc)
- Weather awareness for PSPS– [sce.com/wildfire/weather-awareness](https://sce.com/wildfire/weather-awareness)
- Situational awareness map– [sce.com/wildfire/situational-awareness](https://sce.com/wildfire/situational-awareness)
- Wildfire cameras– [alertcalifornia.org](https://alertcalifornia.org)
- Weather stations– [sce.com/weatherstations](https://sce.com/weatherstations)
- CPUC wildfire maps– [ia.cpuc.ca.gov/firemap/](http://ia.cpuc.ca.gov/firemap/)

## Preparedness

- SCE emergency preparedness– [sce.com/safety/family/emergency-tips](https://sce.com/safety/family/emergency-tips)
- CAL FIRE preparedness– [readyforwildfire.org](https://readyforwildfire.org)

## Vegetation Management

- Vegetation Management– [sce.com/safety/power-lines](https://sce.com/safety/power-lines) or [safetrees@sce.com](mailto:safetrees@sce.com)

## Customer Programs & Rebates

- SCE Customer Programs & Resources– [sce.com/customerresources](https://sce.com/customerresources)
- SCE California Alternate Rates for Energy (CARE) and Family Electric Rate Assistance (FERA) discount programs- [sce.com/residential/assistance/fera-care](https://sce.com/residential/assistance/fera-care)
- SCE Marketplace (portable generator rebates)– [marketplace.sce.com](https://marketplace.sce.com)
- SCE Critical Care Backup Battery Program– [sce.com/ccbb](https://sce.com/ccbb)
- SCE Access & Functional Needs Resources– [sce.com/afn](https://sce.com/afn)
- 211 Community Assistance- call 211, text PSPS to 211211 or [211.org](https://211.org)
- SCE Medical Baseline Allowance Program– [sce.com/medicalbaseline](https://sce.com/medicalbaseline)
- Self-Generation Incentive Program (SGIP)- [sce.com/sgip](https://sce.com/sgip) or [selfgenca.com](https://selfgenca.com)
- SCE Customer Support- 800-655-4555

## Energized by Edison

- Stories and videos on SCE’s wildfire safety efforts– [edison.com/wildfire-safety](https://edison.com/wildfire-safety)

**THANK YOU**

