



SOUTHERN CALIFORNIA
EDISON[®]

OUR COMMITMENT TO
THE EASTERN SIERRA

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

AGENDA

Welcome	Rhonda Duggan District 2 Supervisor, Mono County
Housekeeping SCE Introduction	Matt Paruolo Government Relations
Weather & Fire Science	Crystal Chambers Emergency Management
PSPS Operations	Jude Schneider Wildfire PSPS Response
Eastern Sierra Region Updates	Matt Paruolo, Ryan Jones, Ted Gribble PSPS Evolution & Evaluation, Field Engineering
Customer Programs and Resiliency	Rosa Perea Customer Support & Accessibility
Q&A/Closing Remarks	SCE & Mono County

SAFETY NEAR DOWNED WIRES



Stay away and call 911

- Stay at least 100' away
- From a safe location, warn others of the hazard

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



Eastern Sierra wildfire season is **YEAR-ROUND** 🔥

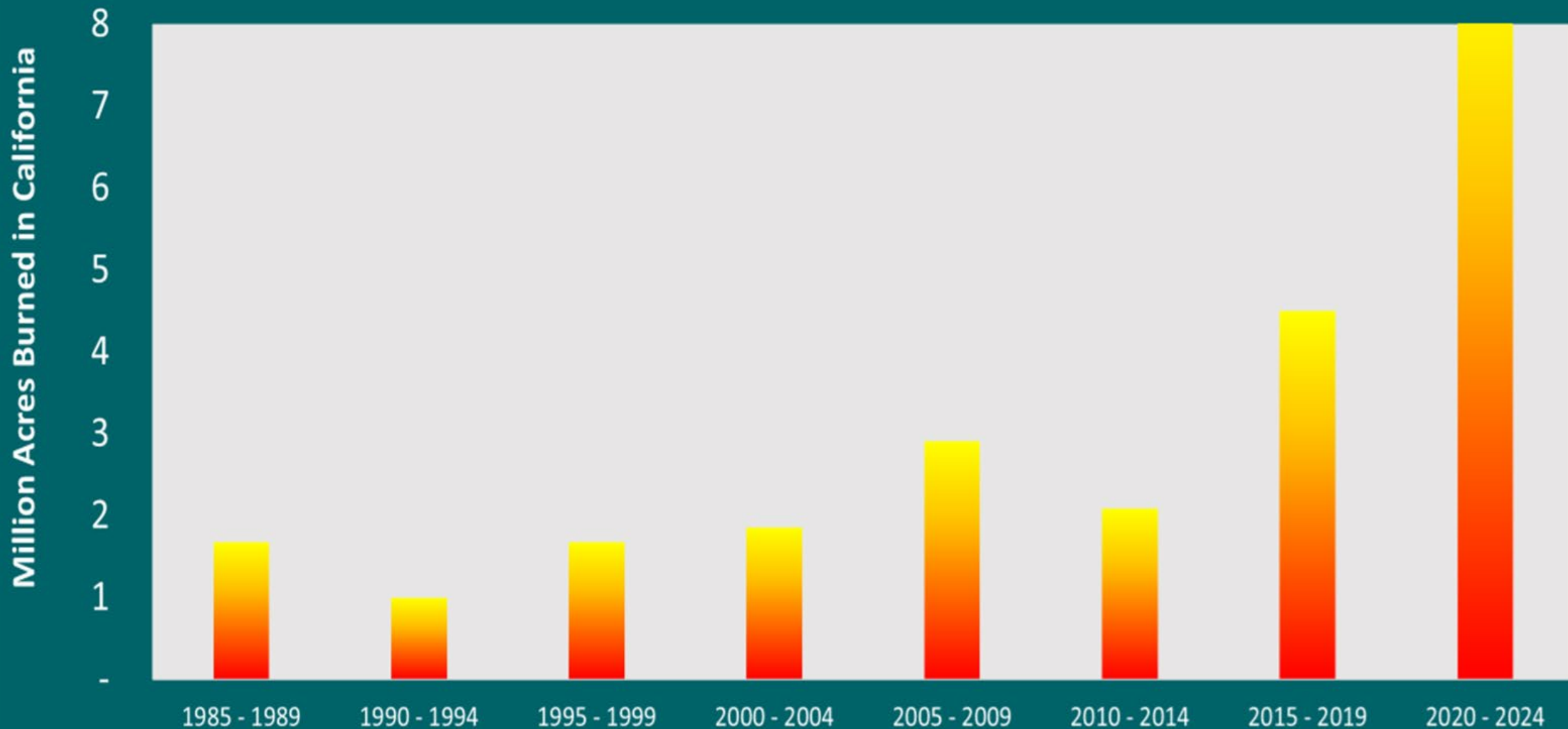
High winds, low humidity, and dry, fire-prone vegetation contribute to high wildfire risk - all months of the year.



“ The 40 Acres community and surrounding environment consist of diverse landscapes that produce a complex wildfire setting due to variable topography, dead and downed vegetation, and an assortment of vegetation types. ”

– *40 Acres Community Wildfire Protection Plan (2023)*

ACRES BURNED IN CALIFORNIA, 1985-2024



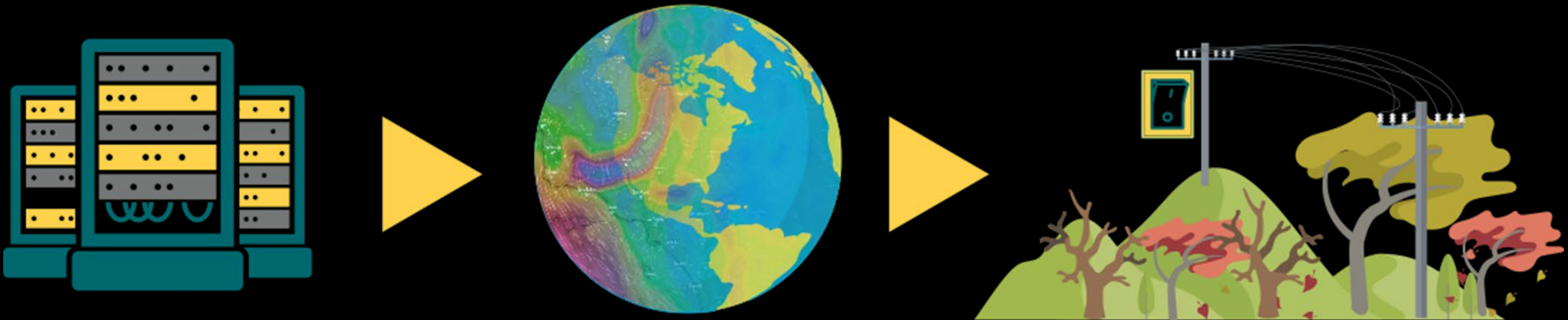
WEATHER & FIRE SCIENCE

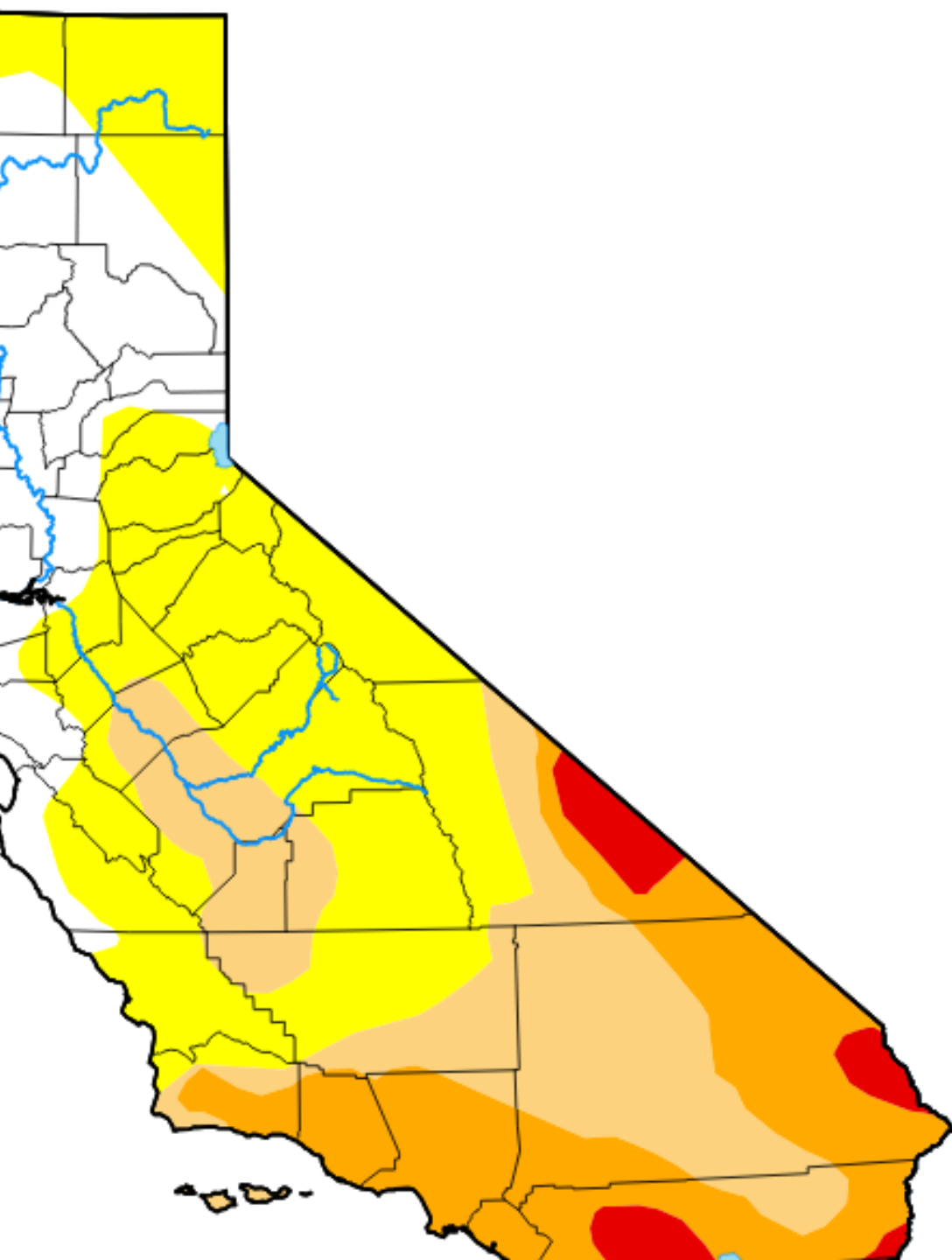
Crystal Chambers

METEOROLOGY AND FIRE SCIENCE FORECAST PROCESS

Meteorology and fire sciences identify where PSPS actions may be necessary.

We look for areas where **winds and fuel conditions align** in time and space to create elevated fire weather conditions.





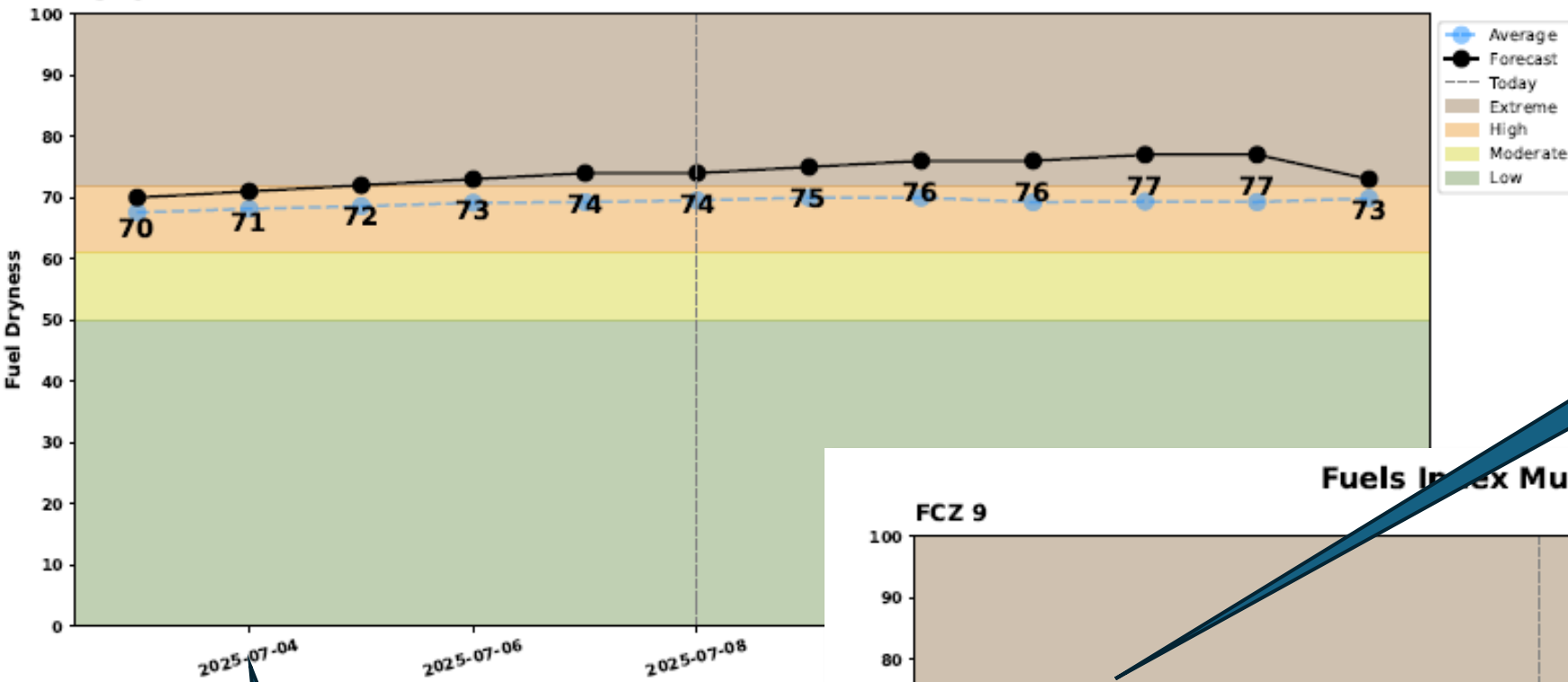
WEATHER AND WILDFIRE FORECAST

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

PSPS will continue during elevated windy and dry periods.

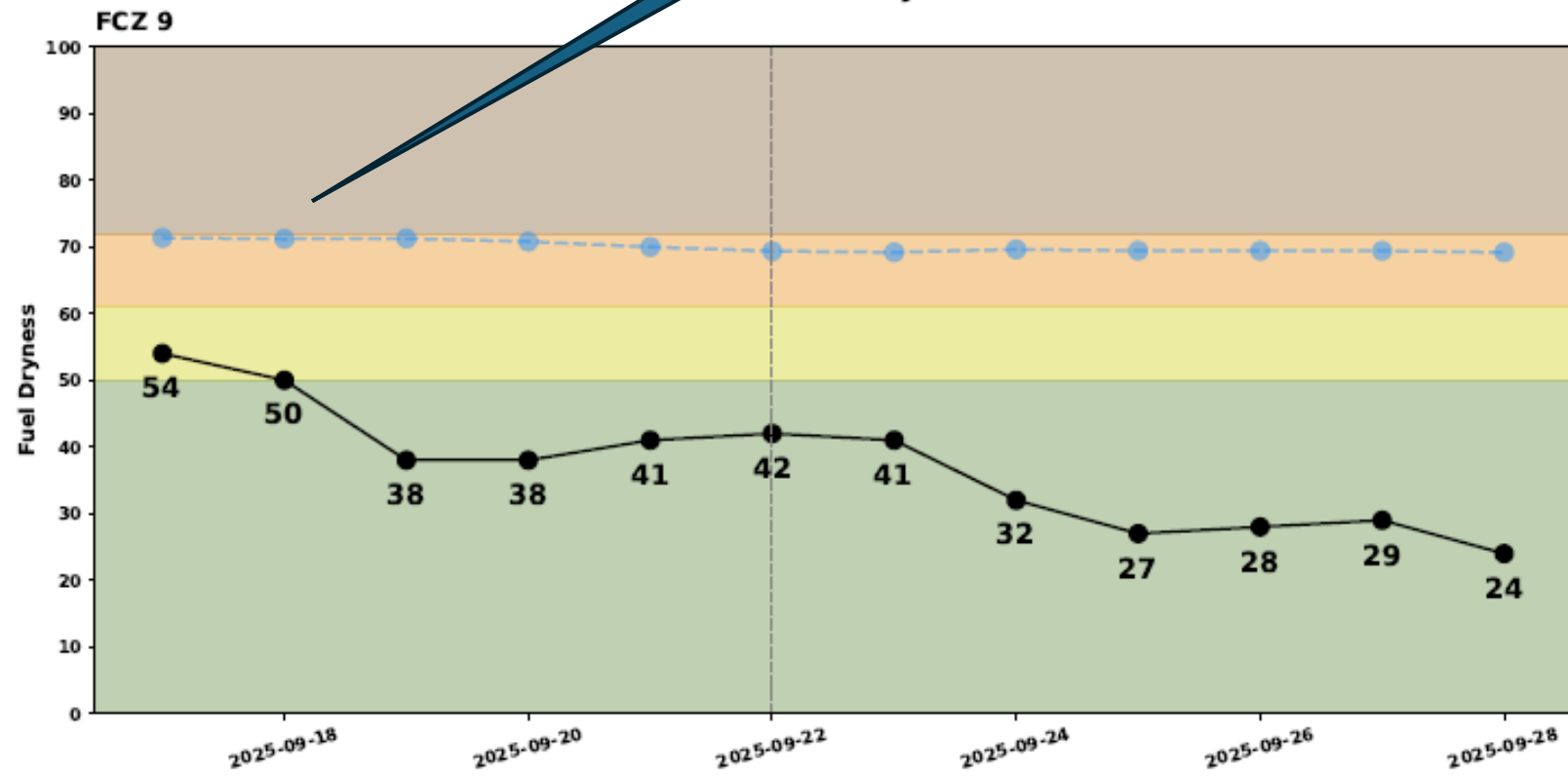
Fuels Index Multi Day Forecast

FCZ 9



9/18/25

Fuels Index Multi Day Forecast

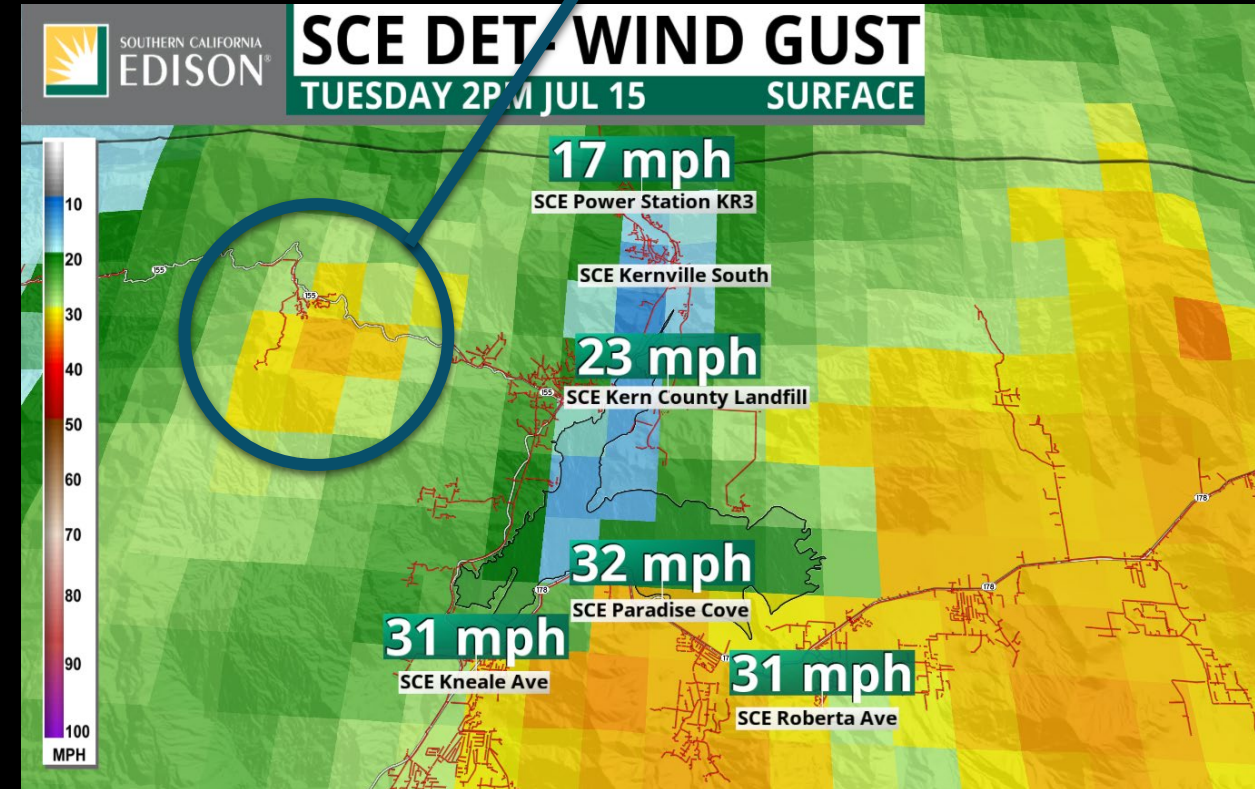
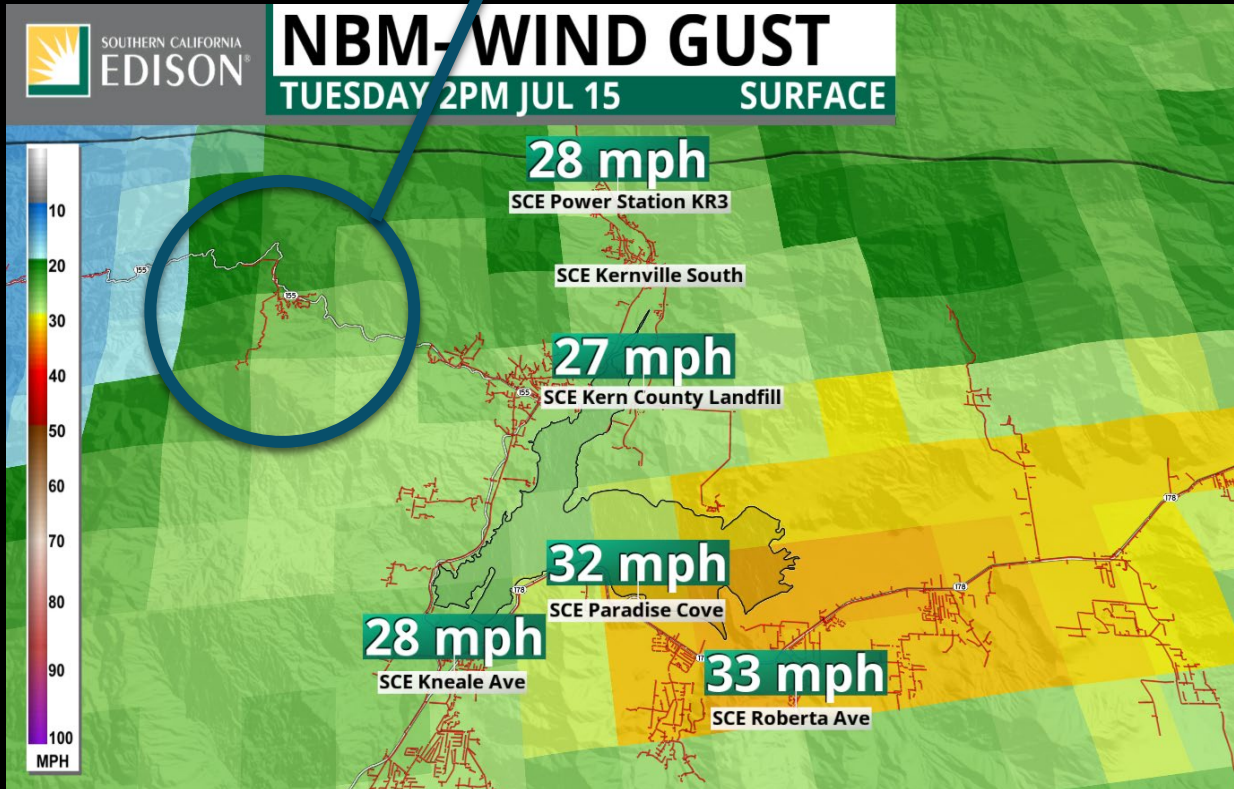


7/4/25

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

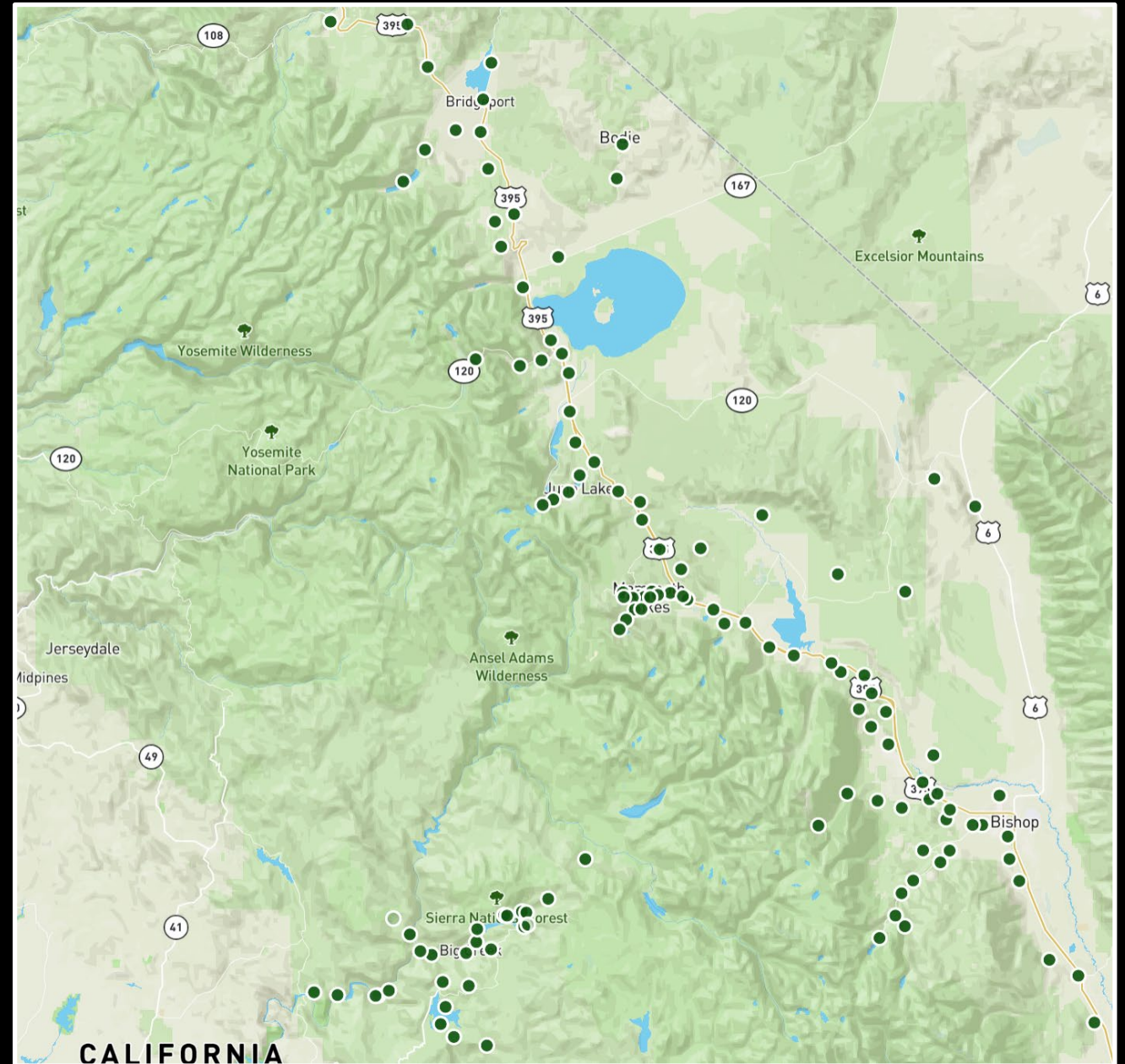


WEATHER STATIONS

1870 Pole-top Weather Stations

~100 Mammoth/Bishop
District 85

A dense network of
weather stations enables
strategic de-energization
decisions



PSPS OPERATIONS

Jude Schneider

UPDATES TO PSPS PROGRAM

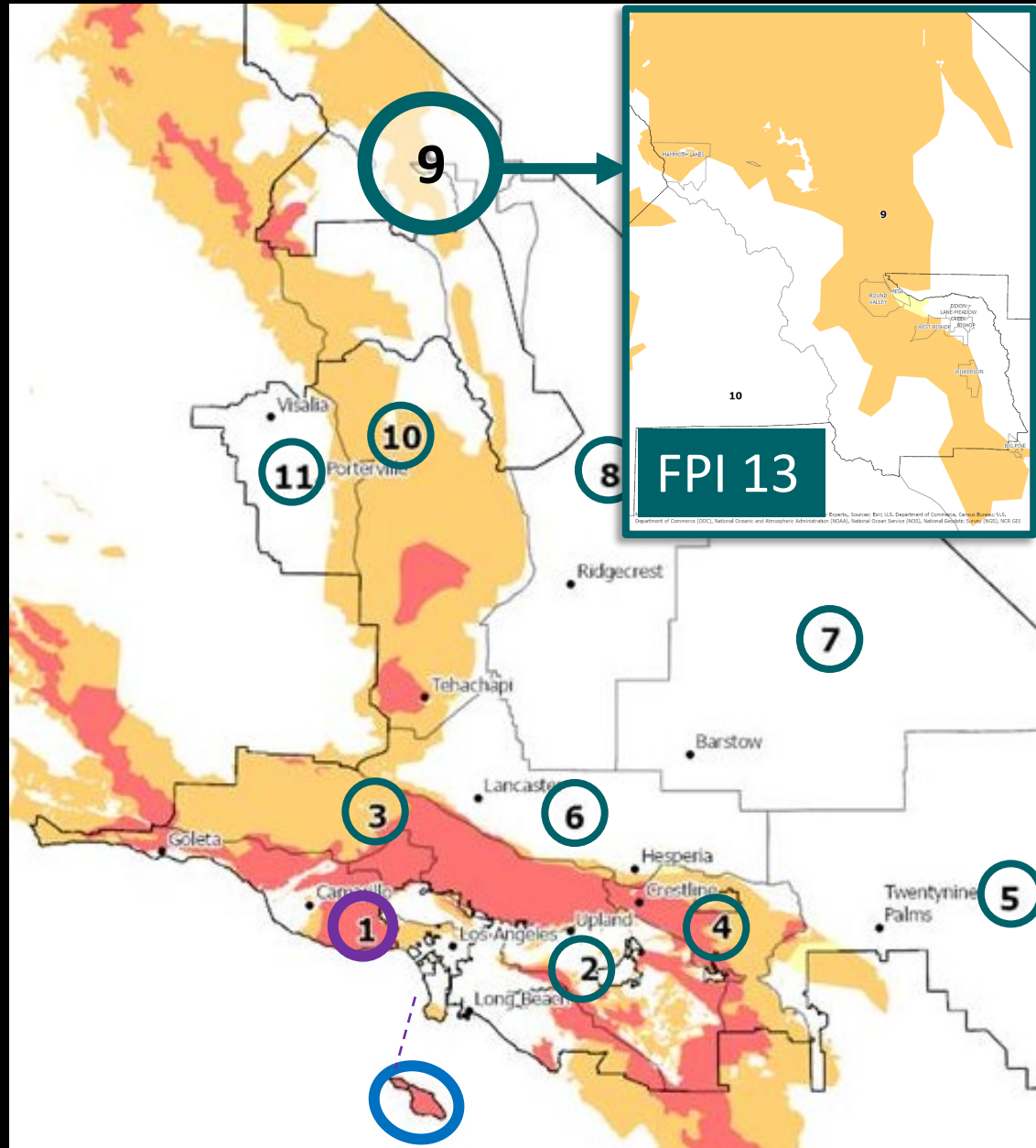
FPI AND WINDSPEED CRITERIA REFINEMENTS

- Updated application of FPI when broader fire weather concerns identified
- Refined application of windspeed discount factors
- When new FPI criteria applied, suggests **20-40% more PSPS activation days** and **event size up to twice as large in 2025** assuming similar weather to 2024

24/7 MONITORING

- Implemented in 2024 to capture unexpected weather meeting PSPS de-energization thresholds
- Circuits could be de-energized immediately at any time, day or night
- IMT activation and notifications would follow

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 (HFRA_s)

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

HFRA Tiers 2-3: 2 3

FIRE CLIMATE ZONES (FCZ_s)

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.

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 Period of Concern)

- 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 near end of the event
- Inspect all lines for damage
- Average ~6 hours for patrol by truck
- Conditional restoration if there is a sufficient gap between periods of concern



Notifications	Is it PSPS?	Is it Maintenance?	Is it Repair?
	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	Mandatory	Optional	Optional
	23 hours, but can be longer	5 hours	Depends on complexity: usually same day restoration

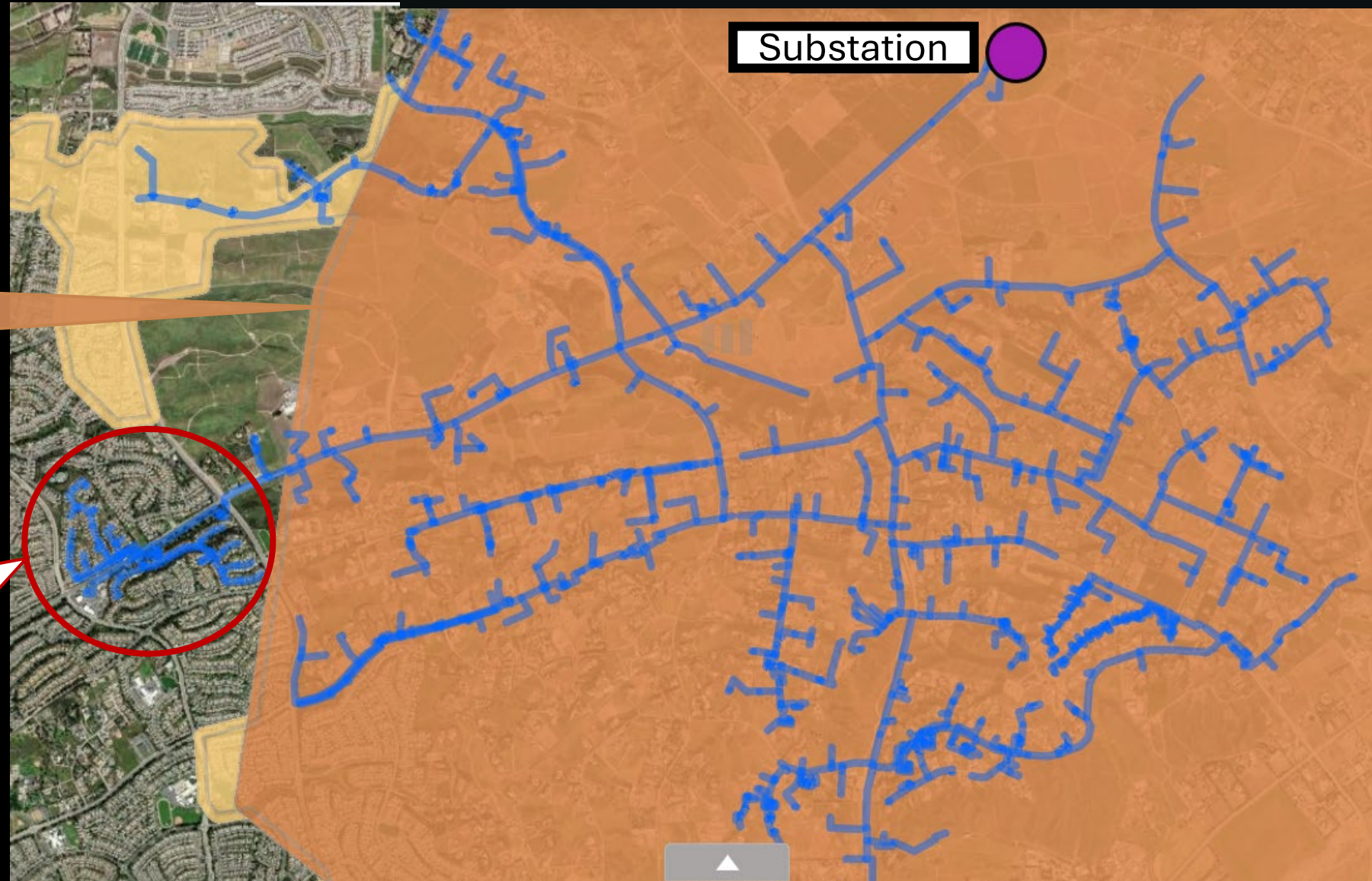
WHY IS MY POWER OUT WHEN IT ISN'T WINDY?

Actual SCE Circuit

Tier 3 High Fire Risk Area

Undergrounded neighborhood

Maps available at
drpep.sce.com



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

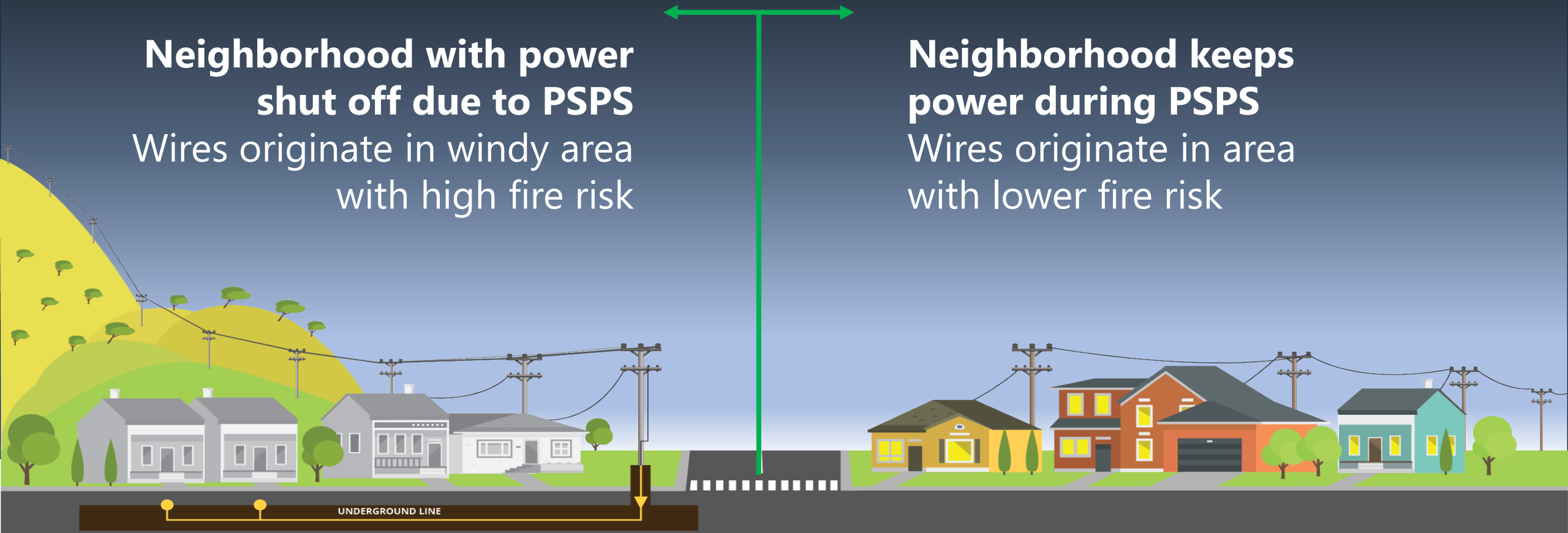
The location of your home or business on a circuit and the area of severe weather relative to your local substation are important factors in determining whether or not you are impacted by a Public Safety Power Shutoff (PSPS)

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



REGION UPDATES | CASE STUDIES

Matthew Paruolo, Ted Gribble, Ryan Jones

SCE'S SERVICE AREA & HIGH FIRE RISK AREAS



50,000 SQ. MI.
of SCE service area across
southern, central and coastal
California



5M
customer accounts or 15M
residents in SCE's service
area

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

1.3M
customer accounts or 3.9M
residents served by circuits
in high fire risk areas

51,000 MI.
of SCE overhead distribution
and transmission lines



1.4M
power poles and towers

14,000 MI.
in high fire risk areas

311,000
in high fire risk areas

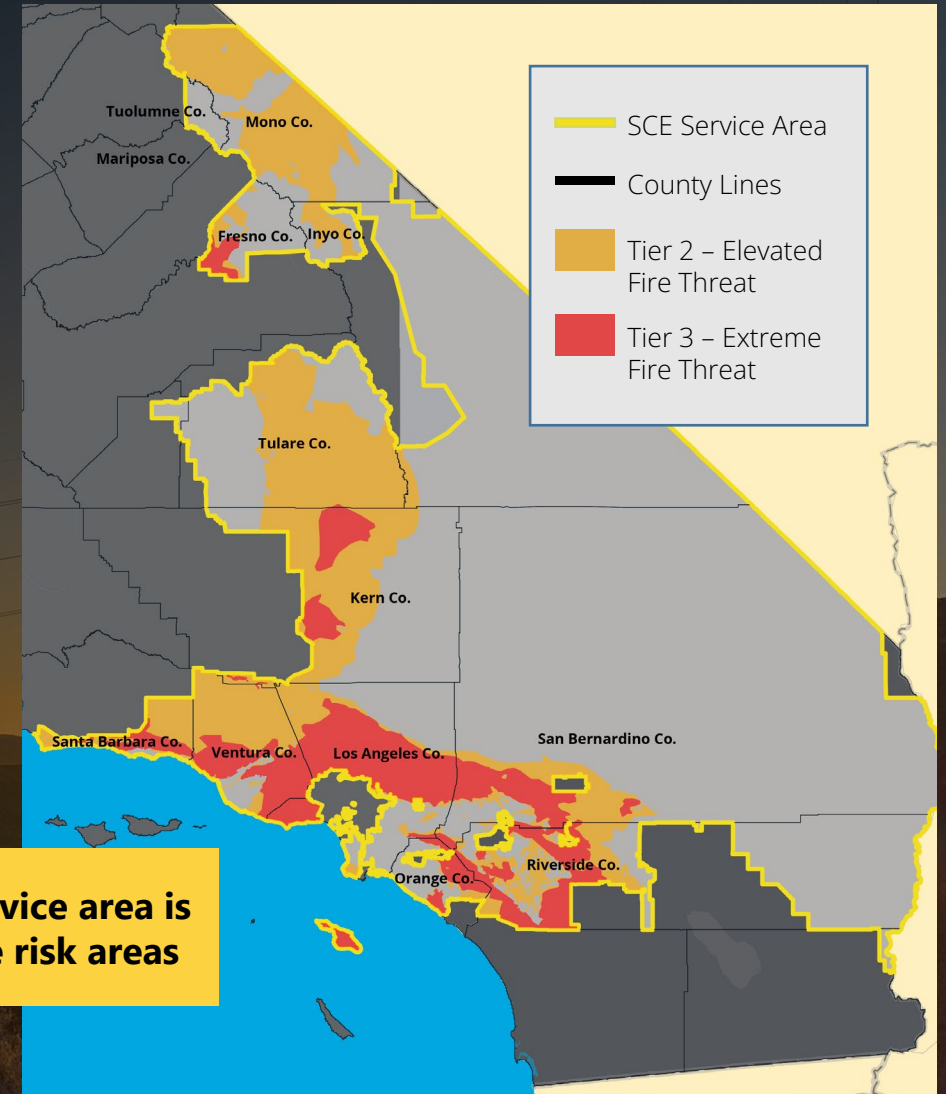
Counties with high fire risk area served by SCE

Fresno, Inyo, Kern, Los Angeles, Mono, Orange, Riverside,
San Bernardino, Santa Barbara, Tulare, Ventura

Counties with no or limited high fire risk areas served by SCE

Imperial, Kings, Madera, Tuolumne

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



VEGETATION MANAGEMENT

SCE currently inspects up to **1.6** million trees annually that might pose a hazard to power lines

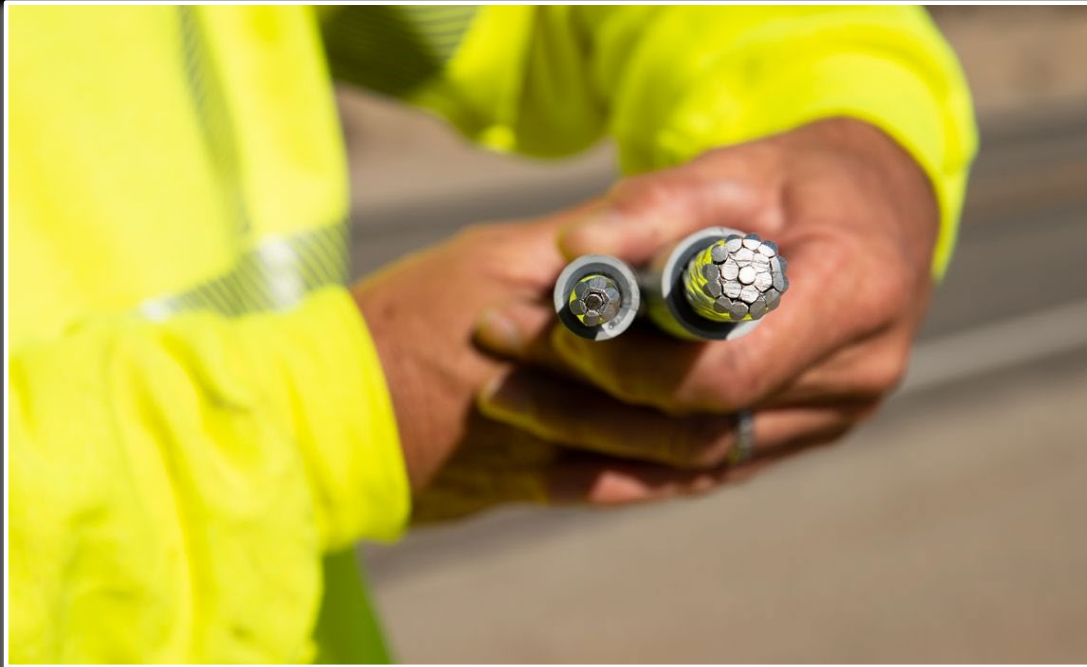
- Hazard tree removal beyond traditional trim zone
- Vegetation removal at poles and around power lines
- Remote sensing and satellite technology enhance inspections and vegetation management

2025 Progress

44,000 trees inspected
Bishop/Mammoth D85



COVERED CONDUCTOR



2025 Progress

~47 Miles Installed in 2025

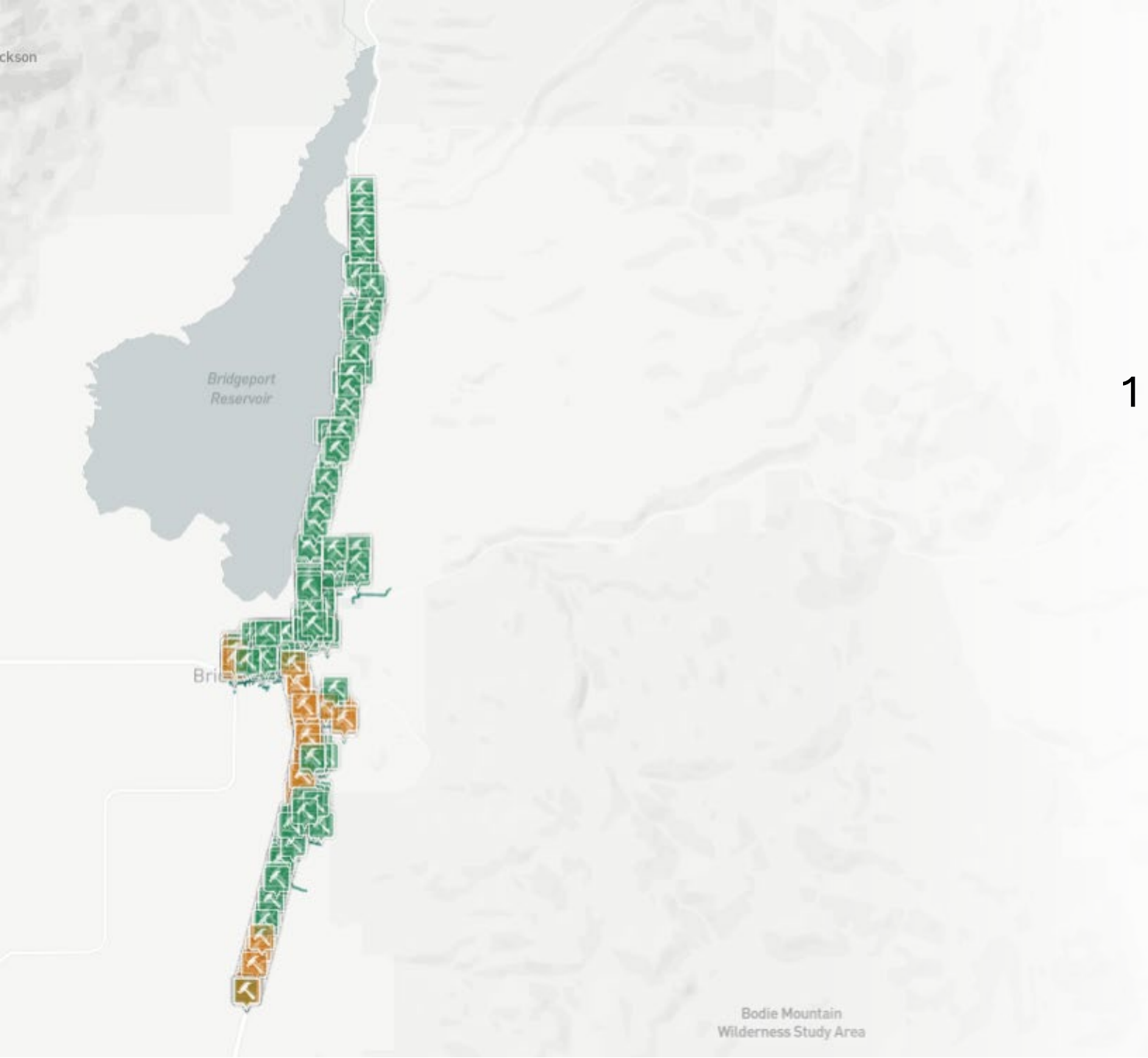
~82 Miles (Target)

~**195 miles** of covered conductor installed in Mono & Inyo Counties

~**53% complete** across HFRA designated places in Mono & Inyo Counties

8 RCS/RAR complete;

2 Pending



STROSNIDER

13.1 Miles OH

11.41 CC Miles Installed (87%)

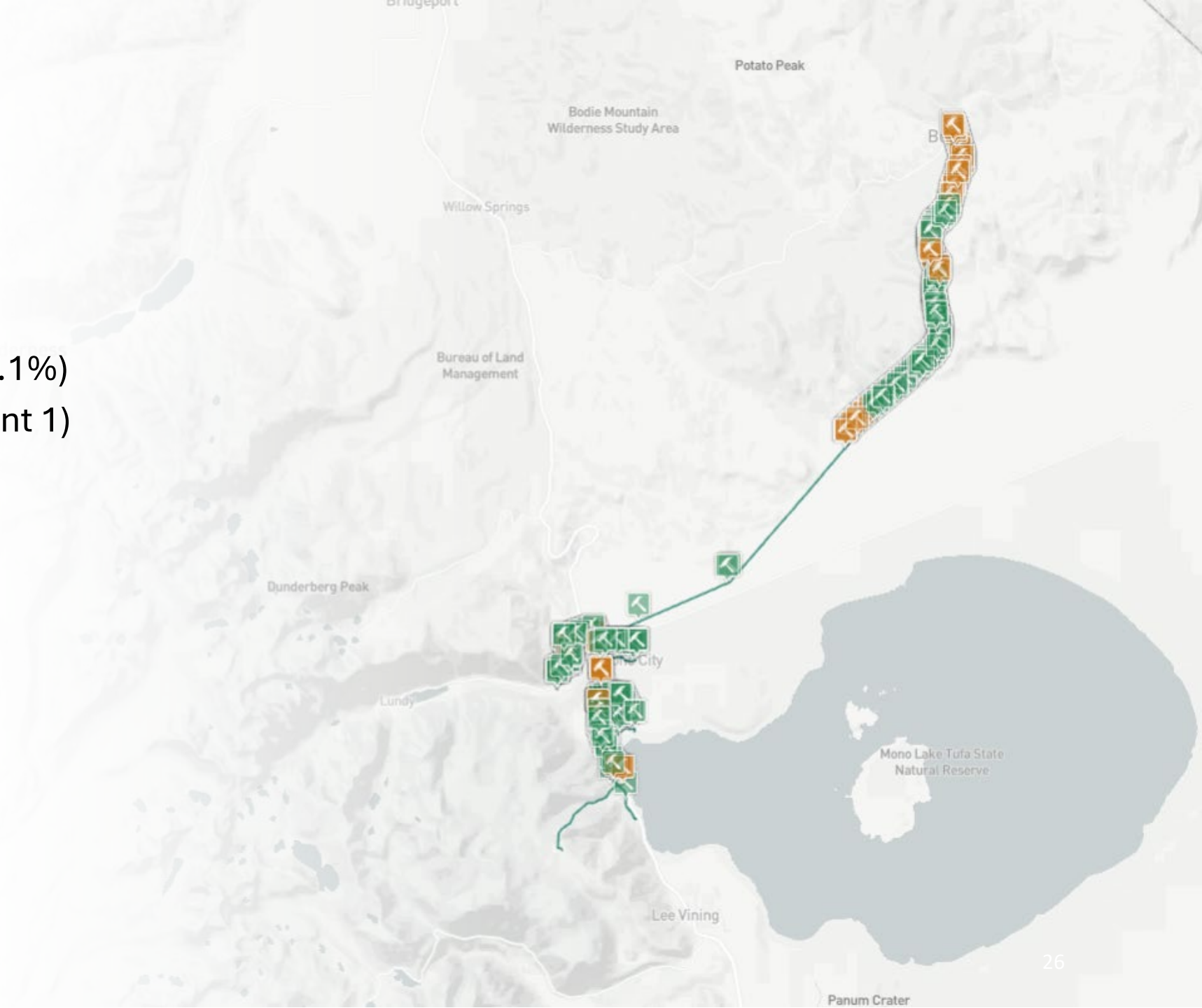
1.39 Miles UG (9.57%)

TUFA

28.5 Miles OH

15.58 CC Miles Installed (51.1%)

~70% Covered (TUFA Segment 1)



MAMMOTH LAKES

~170 Total Miles in HFRA

~134 Miles UG (~79%)

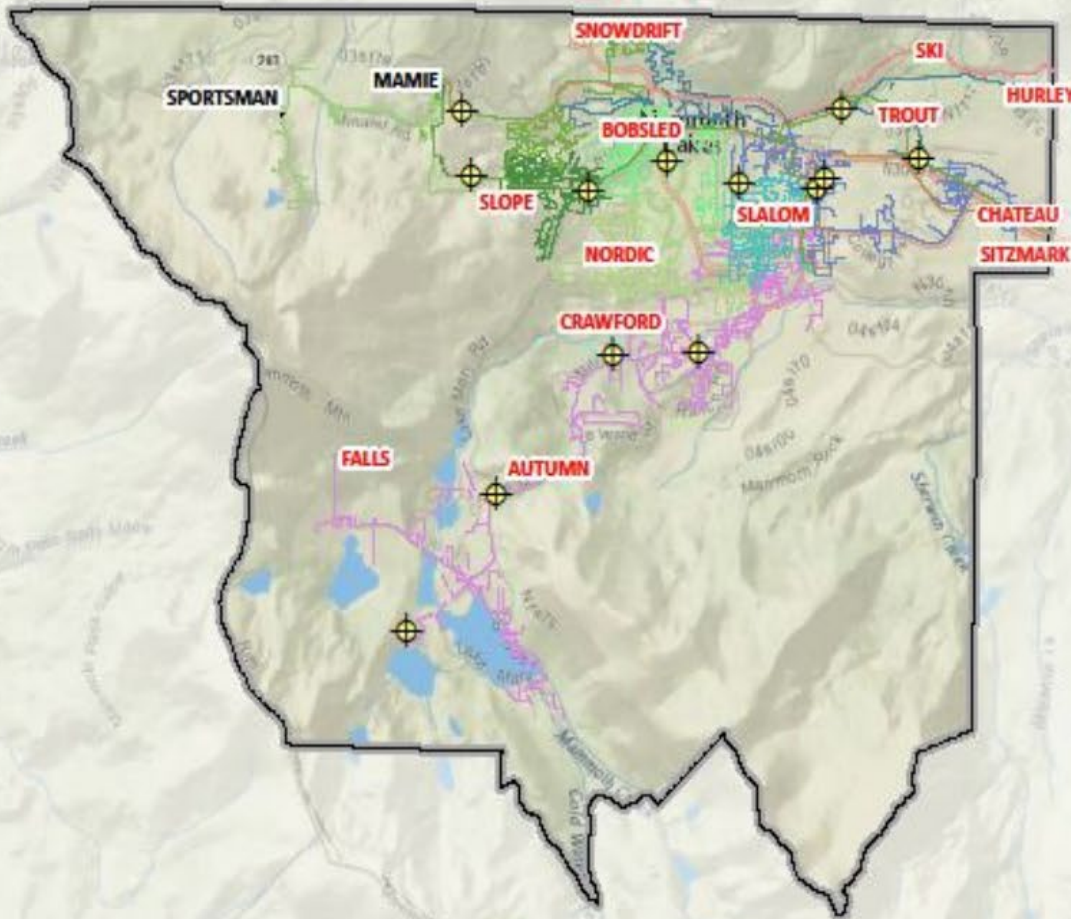
~36 Miles OH

7.6 CC Miles Installed

2025:

3.05 complete

6.71 (Target)

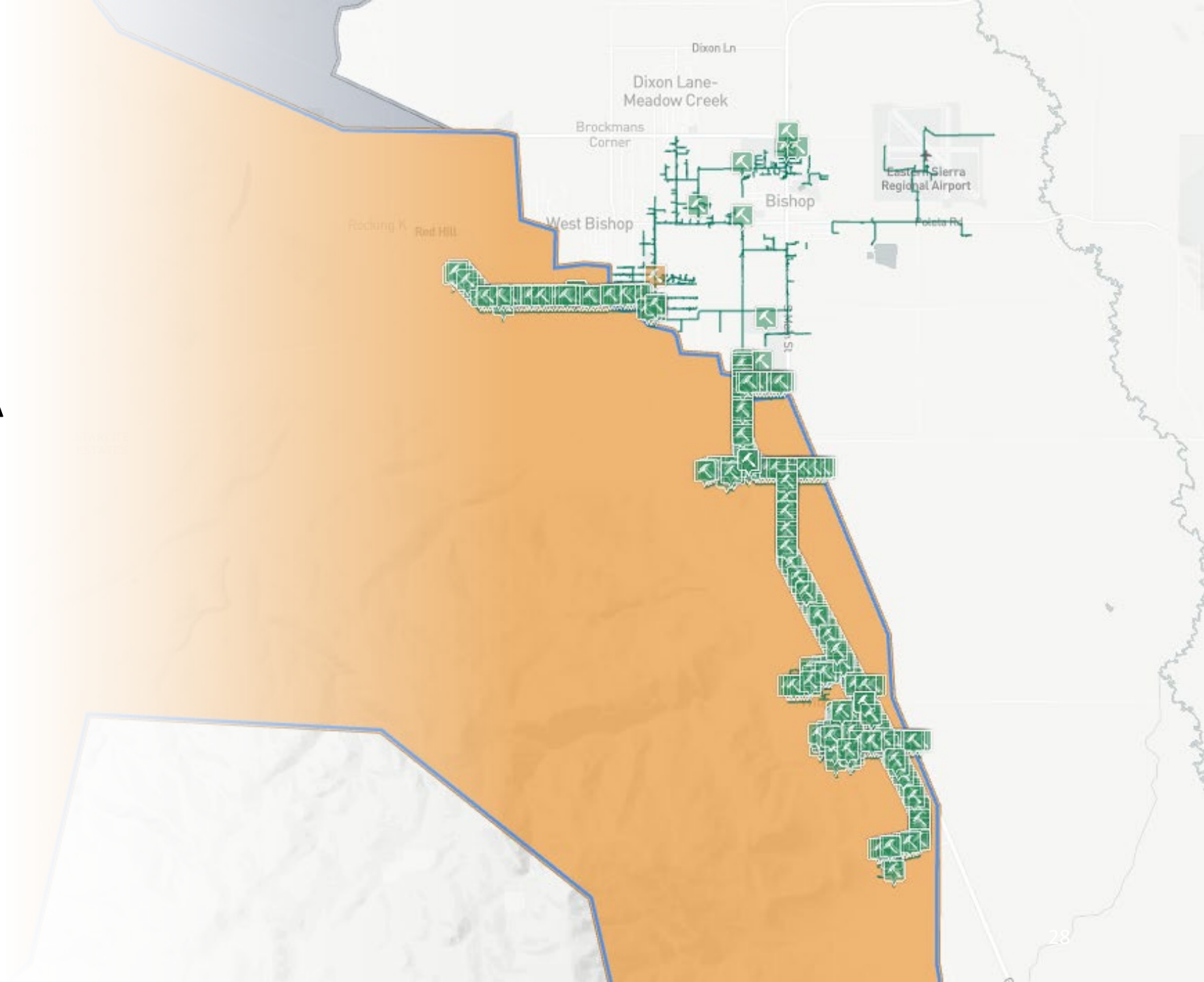


UNDERWOOD

65.5 Total Miles

35.4 Miles OH

20.3 Total Miles in HFRA

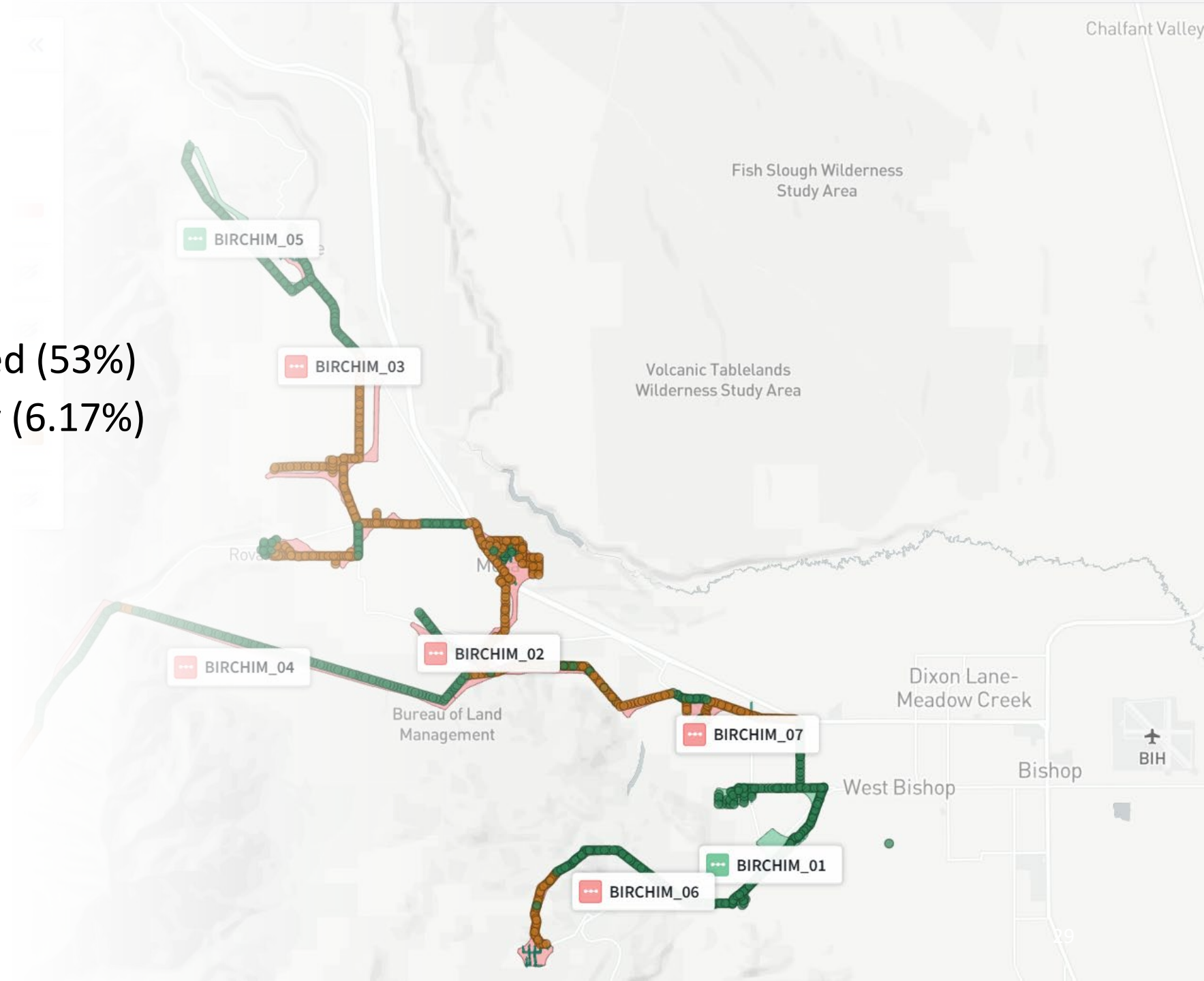


BIRCHIM

52.1 Miles OH

27.52 CC Miles Installed (53%)

3.42 Miles UG Primary (6.17%)



CUSTOMER PROGRAMS & RESILIENCY

Rosa Perea

MITIGATING IMPACTS OF PSPS – COMMUNITY CARE RESOURCES

101 Community Resource Centers

(9 resilient) that 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

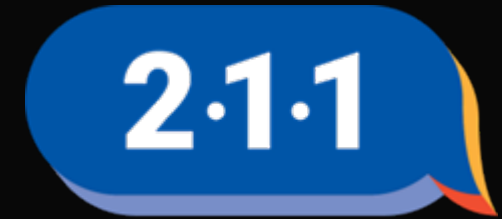
Powered by backup generator provided by SCE to operate even if the local power is down

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



**Disability Disaster
Access & Resources**

**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
- Manage your outage notifications and ensure your information is current in the customer preference center
- Non-customers can sign up for PSPS address alerts at scepsps.com

SCE Outage Map

- Consolidated outage map that incorporates PSPS outages at 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

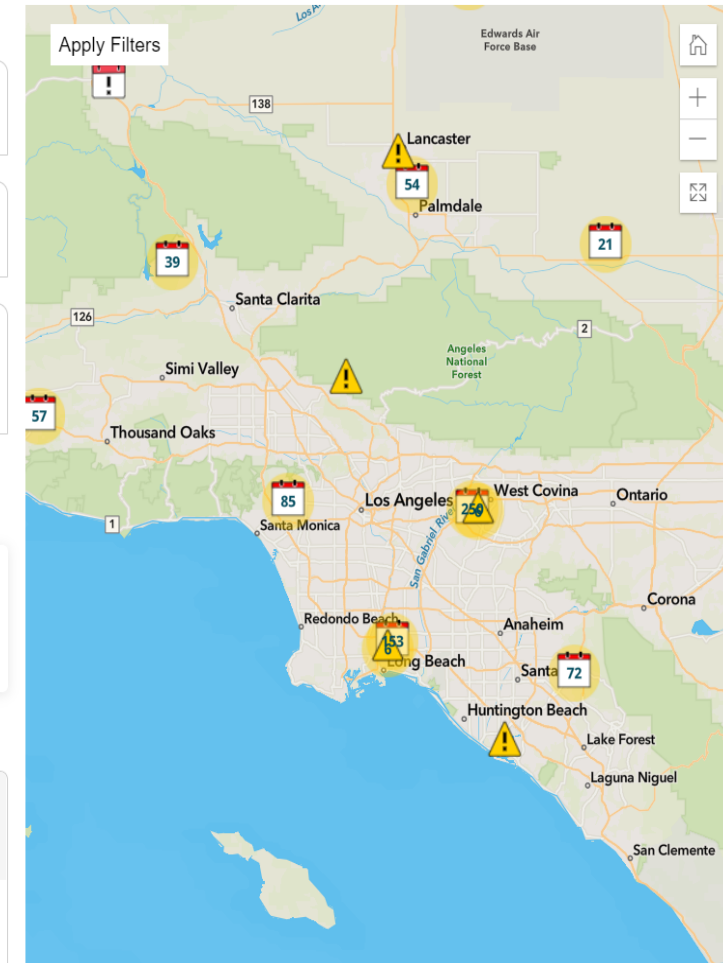


Crew Vehicles



Further Assistance

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



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

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**INYO & MONO COUNTY OFFICES OF
EMERGENCY MANAGEMENT**

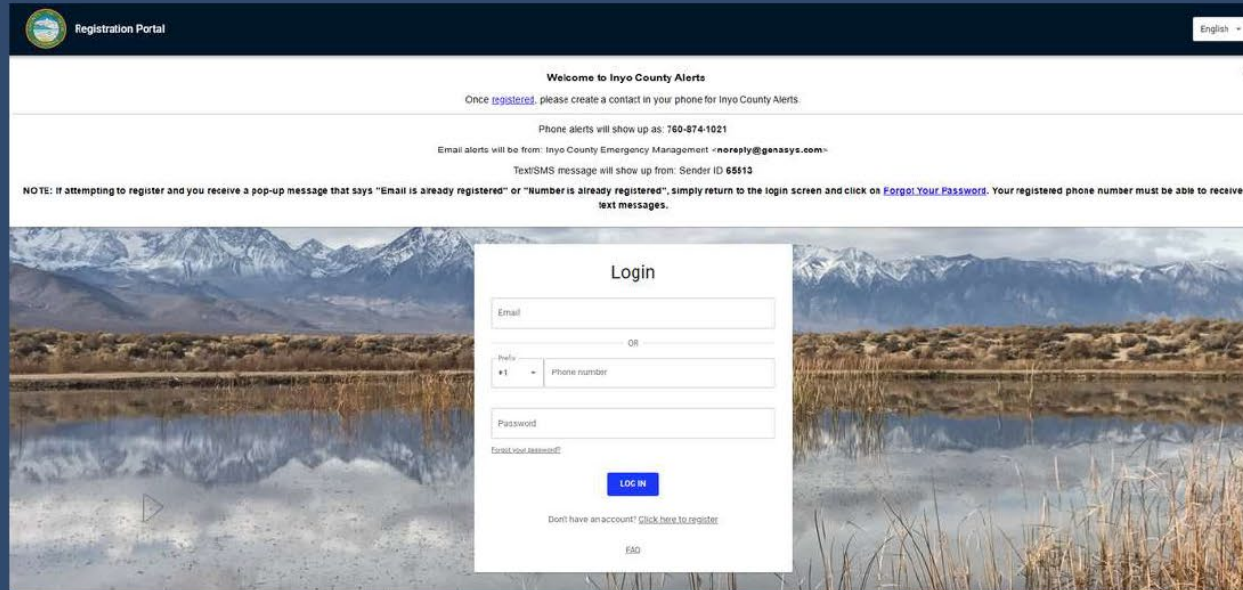
GENASYS PRESENTATION: ALERT AND EVAC



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January 2025

HOW TO SIGN UP FOR ALERT



The screenshot shows the 'Registration Portal' for Inyo County Alerts. At the top, there's a header with the Inyo County logo and a language selector set to 'English'. Below the header, a welcome message states: 'Welcome to Inyo County Alerts. Once [registered](#), please create a contact in your phone for Inyo County Alerts.' It lists phone alerts at 760-874-1021 and email alerts from Inyo County Emergency Management (noreply@genasys.com). A note mentions that if a user receives a pop-up message saying 'Email is already registered' or 'Number is already registered', they should return to the login screen and click on 'Forgot Your Password'. The background features a scenic image of snow-capped mountains and a lake. In the center, there is a 'Login' form with fields for Email, Phone number (with a dropdown for 'Prefix' set to '+1'), and Password. A 'LOG IN' button is at the bottom of the form, along with a link to 'Click here to register' and a small 'FAQ' link.

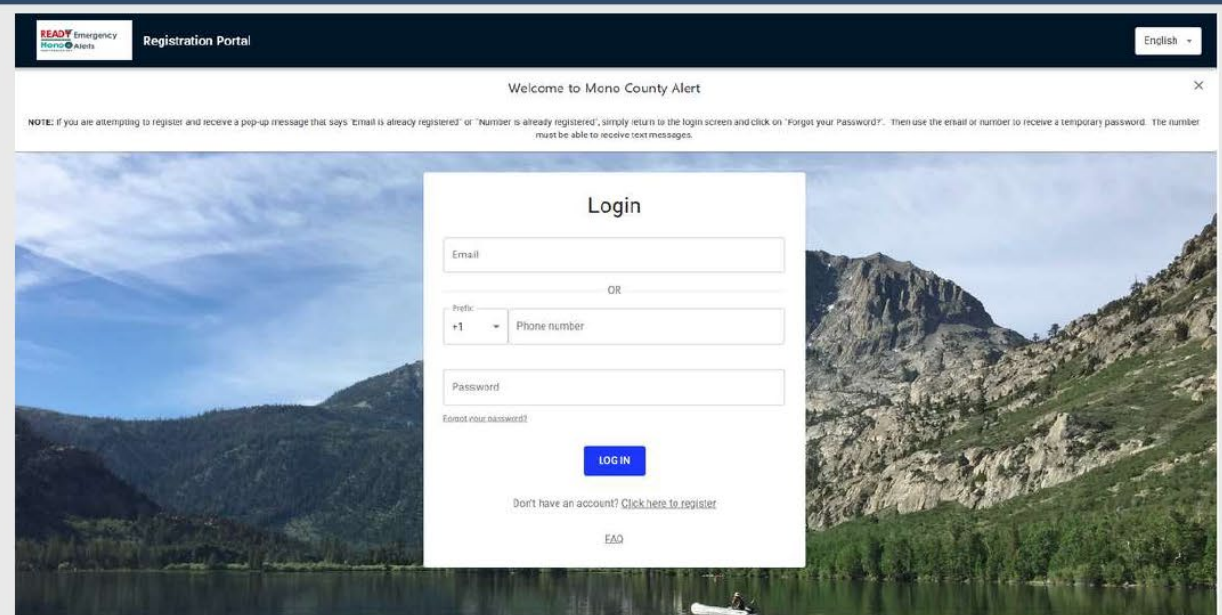
Inyo County:

inyo.genasys.com/portal



Mono County:

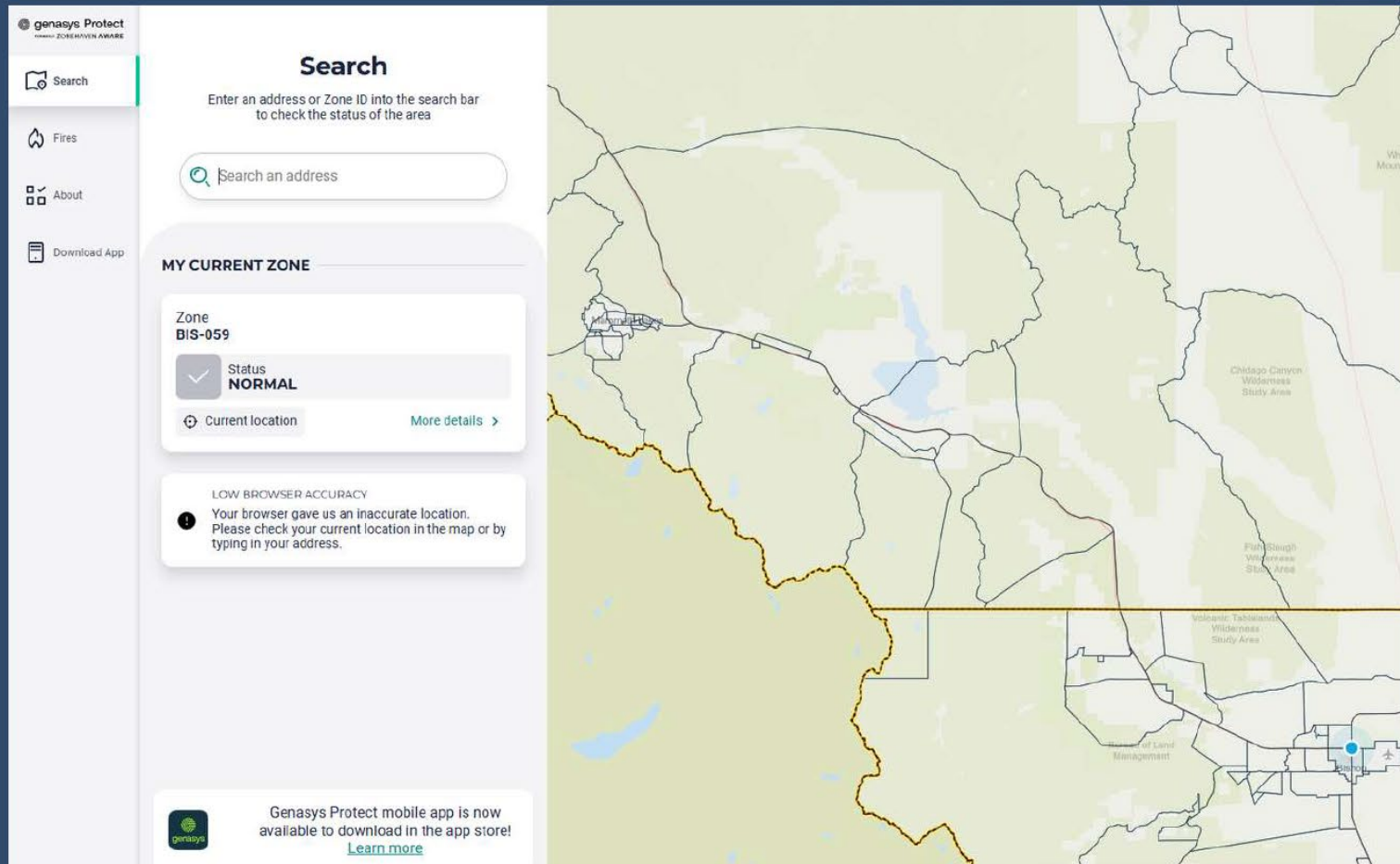
monocountyca.genasys.com/portal



The screenshot shows the 'Registration Portal' for Mono County Alerts. The header includes the 'READY Emergency Mono Alerts' logo and a language selector set to 'English'. A welcome message says: 'Welcome to Mono County Alert'. A note explains that if a user receives a pop-up message saying 'Email is already registered' or 'Number is already registered', they should return to the login screen and click on 'Forgot your password'. The background features a scenic image of a lake and mountains. In the center, there is a 'Login' form with fields for Email, Phone number (with a dropdown for 'Prefix' set to '+1'), and Password. A 'LOG IN' button is at the bottom of the form, along with a link to 'Click here to register' and a small 'FAQ' link.

HOW TO ACCESS EVAC

- Visit protect.genasys.com/
- Download the Genasys Protect Mobile App



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QUESTIONS?

INYO COUNTY
760-878-0120



MONO COUNTY
760-924-4633





BUILDING WILDFIRE RESILIENCE THROUGH COLLECTIVE ACTION

Community Directed Grant Program

With generous support from **Edison International**, Whitebark Institute has awarded **\$120,000 in grants to community members and organizations** across Inyo and Mono Counties financial **support for projects that reduce wildfire risk**, enhance ecological resilience, and foster collaboration.

Projects supported by funding



Wildfire Mitigation & Vegetation Management



40 Acres Water Association

Riparian vegetation and fuel break management

Big Pine Community Association

Defensible space and vegetation management

Friends of the Inyo

Campfire ring restoration

Valley Outdoors

Community vegetation management

Wheeler Crest Fire Safe Council

Green waste dumpsters

Defensible Space & Home Hardening

Aspen Springs Firewise

Community workdays and green waste dumpsters

Mammoth Lakes Fire Department

Fire retardant tarps to cover woodpiles

Mustang Mesa

Reflective address markers, fire-resistant landscaping education and green waste disposal

Snow Creek Homeowners Association

Fire resistant landscaping

Twin Lakes Property Owner's Association

Community chipping day



Fire Response Infrastructure & Equipment

Aspendell South Fork Fire Department

Personal protective equipment (PPE) for firefighters

Bishop Community Fire District

Wildland firefighting equipment and volunteer training

Bridgeport Fire Protection District

Quick attack vehicle with fire suppression system and upgraded fire hose nozzles

June Lake Fire Protection District

Volunteer training

Lee Vining Fire Protection District

Portable water tank, wildland hose, and hose packs for wildland firefighting

Mono City Fire Protection District

Portable water tank for firefighting use and PPE

Mono Basin Fire Safe Council

Installation of water tank to enhance firefighting capabilities and home hardening equipment

Long Valley Fire Protection District

Wildland firefighting equipment

Wheeler Crest Fire Protection District

Upgrade of outdated equipment



WHITEBARK INSTITUTE

GRANT PROGRAM REACH IN INYO & MONO COUNTIES

