BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Examine Electric Utility De-Energization of Power Lines in Dangerous Conditions.

R.18-12-005

SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) PUBLIC SAFETY POWER SHUTOFF POST-EVENT REPORT FOR OCTOBER 11, 2023 HIGH-THREAT EVENT

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Dated: October 26, 2023

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In compliance with California Public Utilities Commission Public Safety Power Shutoff (PSPS) Order Instituting Rulemaking Phase 1 Decision (D.) 19-05-042, Phase 2 D.20-05-051, Phase 3 D.21-06-034 and PSPS Order Instituting Investigation D.21-06-014, Southern California Edison Company (SCE) hereby submits its PSPS Post-Event Report for the October 11, 2023 High-Threat Event (Appendix A hereto). Pursuant to the October 14, 2021 email ruling of ALJ Valerie Kao, SCE hereby provides the following link to access and download the attachments and appendices to its PSPS Post-Event Report: on.sce.com/PSPSposteventreports.

Respectfully submitted,

ANNA VALDBERG ELENA KILBERG

/s/ Elena Kilberg

By: Elena Kilberg

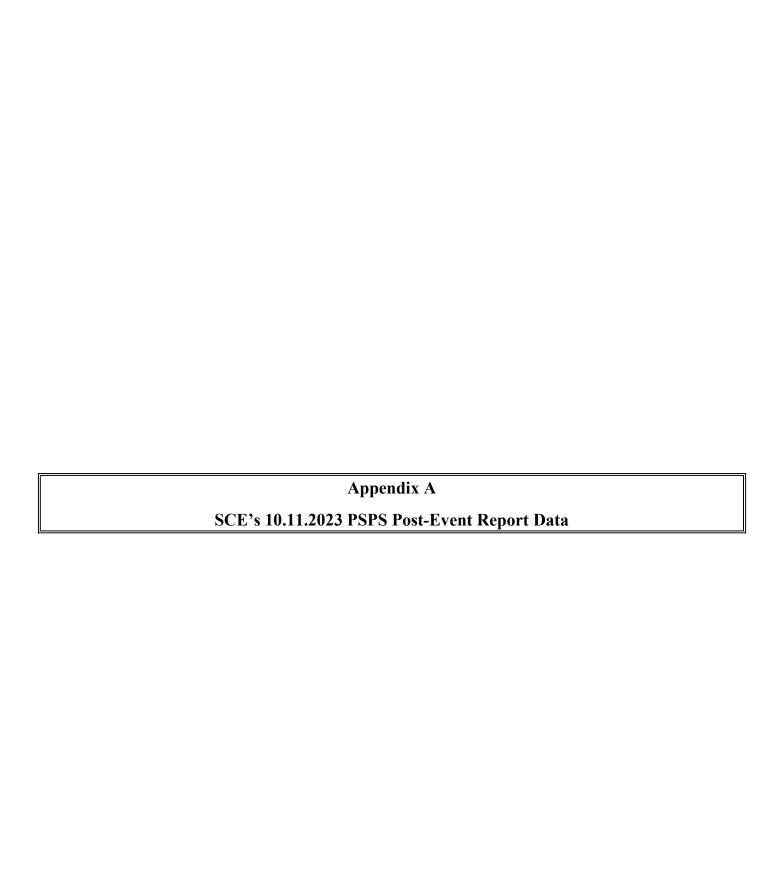
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October 26, 2023





Marissa Blunschi Regulatory Affairs Principal Manager Marissa.Blunschi@edisoni ntl.com

October 26, 2023

Leslie Palmer, Director
Safety Enforcement Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

SUBJECT: SCE PSPS Post Event Report – October 09, 2023 -October 12, 2023

Dear Director Palmer:

As required by Resolution ESRB-8 and in accordance with Ordering Paragraph 1 of California Public Utilities Commission (CPUC) Decision (D.) 19-05-042, Southern California Edison Company (SCE) respectfully submits a compliance report for the high threat event initiated on October 09 and concluded on October 12.

This report has been verified by an SCE officer in accordance with Rule 1.11 of the Commission's Rules of Practice and Procedure.

If you have any questions, please do not hesitate to call.

Sincerely,

DocuSigned by:

Marissa Blunschi

/s/ Marissa Blunschi

Marissa Blunschi

Regulatory Affairs Principal Manager

cc: ESRB ComplianceFilings@cpuc.ca.gov

Southern California Edison Public Safety Power Shutoff (PSPS) Post-Event Report October 11, 2023

Filed with: The California Public Utilities Commission Submitted to: Director of the Safety and Enforcement Division

Dated: October 26, 2023

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Introduction

SCE submits this post-event report to address the high threat event that started on October 9, 2023, at 2:00 pm and ended on October 12, 2023, at 1:15 pm in Los Angeles, San Bernadino, Santa Barbara Counties, and to demonstrate its compliance with California Public Utilities Commission's (CPUC or Commission) PSPS guidelines including Resolution ESRB-8, PSPS Order Instituting Rulemaking (OIR) Phase 1 (Decision (D.) 19-05-042), Phase 2 (D.20-05-051), Phase 3 (D.21-06-034) and PSPS Order Instituting Investigation (OII) (D.21-06-014). Ultimately, SCE did not de-energize any customers during this event. This report explains SCE's decision to call, sustain, and conclude the potential denergization event, and provides detailed information to facilitate the Commission's evaluation of SCE's compliance with applicable PSPS guidelines.

SCE recognizes that proactive de-energizations pose significant challenges and hardships for our customers and the public safety partners that provide vital services to the affected communities. SCE's decision to activate its PSPS protocol is based on careful consideration and weighing of multiple factors, including forecasted weather, fuel conditions, infrastructure vulnerabilities, and potential impacts of PSPS on public safety partners and the communities we serve.

SCE remains committed to continuously improving its PSPS processes and welcomes input from its customers, public safety partners, community representatives, and local governments on ways we can work together to minimize the impact of PSPS events on all stakeholders.

¹ This PSPS post-event report is based on the best information and data available as of the filing deadline for the report. SCE continues to gather, analyze, and validate some of the underlying data, and will supplement this report with updated information, as needed, in its annual post-season report. See D.21-06-014, Ordering Paragraph 66, p. 305 (directing SCE to "provide aggregate data . . . in an annual report, including aggregate data that may not have been available at the time the utility filed the 10-day post-event report").

Section 1. Executive Summary

1. Brief description of the PSPS event starting from the time when the utility's Emergency Operation Center is activated until service to all customers has been restored.

On October 09, 2023, SCE's meteorologists identified the potential for dangerous fire weather conditions due to offshore winds beginning on October 11, 2023, in portions of Los Angeles, San Bernadino and Santa Barbara Counties. The dry air and isolated areas of strong winds were forecast to create localized elevated fire weather conditions across the Santa Ynez Mountains, the Los Angeles County Mountains, and the Cajon Pass area for the Period of Concern starting on October 11, 2023, through October 12, 2023. Given this forecast, SCE's meteorology and fire science experts consulted the Geographic Area Coordination Center (GACC)² for forecast alignment to evaluate potential fire weather impacts. During this consultation, the GACC indicated agreement with SCE's forecast of elevated fire weather for Los Angeles, San Bernadino and Santa Barbara Counties. The National Weather Service (NWS) also issued Wind Advisories for portions of Santa Barbara County, Los Angeles County, and San Bernardino County for the same time period.

In response to this forecasted fire weather, SCE activated its dedicated PSPS Incident Management Team (IMT) on October 09, 2023, at 2:00 pm to manage this event and began sending advance notifications of potential PSPS to Public Safety Partners, Critical Facilities and Infrastructure customers, and other customers in scope. Ultimately, fire weather conditions did not materialize during the Period of Concern, and SCE did not de-energize any customers during this high threat event.

2. A table including the maximum number of customers notified and actually de-energized; number of counties de-energized; number of tribes de-energized; number of Medical Baseline customers de-energized; number of transmission and distribution circuits de- energized; damage/hazard count; number of critical facilities and infrastructure de-energized.

Table 1: PSPS Event Summary³

PSPS Event Summary										
Total Customers			De-energized			Number of Circuits				
PSPS Notified	De-energized	Cancelled	MBL Customers	Number of Counties	Number of Tribes	Critical Facilities and Infrastucture	Transmission De-energized	Distribution Circuits in Scope	Distribution Circuits De-energized	Damage/Hazard Count
8124	0	8124	0	0	0	0	0	8	0	0

3. A PDF map depicting the de-energized area(s)

N/A. SCE did not de-energize any circuits during this high threat event.

² The GACC is the physical location of an interagency, regional operation center for the effective coordination, mobilization, and demobilization of federal state and local wildland fire agencies through logistical coordination of resources throughout the geographic area, as well as with other geographic areas.

³ PSPS Notified" metric in Table 1 reflects the total number of unique customers that were sent a pre-event notification of potential de-energization during the PSPS event. "Cancelled" metric in Table 1 reflects the total number of unique customers that were sent a pre-event notification of potential de-energization, but not ultimately de-energized (regardless of whether those customers received a cancellation notice).

Section 2. Decision-Making Process

1. A table showing factors considered in the decision to shut off power for each circuit deenergized, including sustained and gust wind speeds, temperature, humidity, and moisture in the vicinity of the de-energized circuits.⁴

Table 2: Factors Considered in Decision to De-Energize

N/A. SCE did not de-energize any circuits during this high threat event because observed fire weather conditions throughout the Period of Concern did not meet de-energization criteria.

2. Decision criteria and detailed thresholds leading to de-energization including the latest forecasted weather parameters versus actual weather. Also include a PSPS decision-making diagram(s)/flowchart(s) or equivalent along with narrative description.

SCE uses preset thresholds for dangerous wind conditions that create increased fire potential (including wind speeds, humidity, fuel moisture levels and other factors as the basis for PSPS decision-making, as described in SCE's technical paper).⁵ De-energization thresholds are determined separately for each circuit to prioritize circuits for de-energization based on the specific risks of the event. This is particularly important for large events where many circuits must be evaluated simultaneously.

These thresholds are set for each of the circuits in SCE-designated high fire risk areas (HFRAs) and are continuously reviewed to calibrate the risk of significant events against the potential for harm to customers from the loss of power.

All circuits have an activation threshold, defined by the Fire Potential Index (FPI) and the wind speed at which they are considered at risk. Activation thresholds are computed for each circuit for the season.

FPI is calculated using the following inputs:

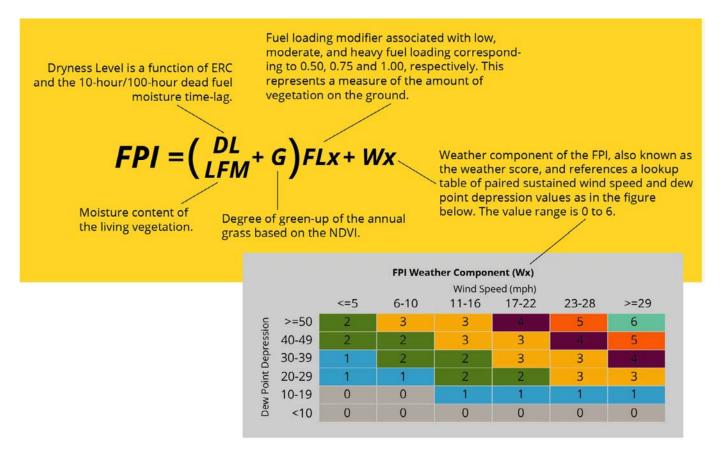
- Wind speed—Sustained wind velocity at 6 meters above ground level.
- Dew point depression—The dryness of the air as represented by the difference between air temperature and dew point temperature at 2 meters above ground level.
- Energy release component (ERC) "The available energy (BTU) per unit area (square foot)

⁴SCE calculates a Fire Potential Index (FPI) rating for each circuit in scope for de-energization. FPI estimates the likelihood of a spark turning into a major wildfire. FPI uses a whole-number scale with a range from 1 to 17; categorized as normal (1-11), elevated (12-14) and extreme (15+). FPI inputs include wind speed, dewpoint depression (which is a measure of how dry the air is), and various fuel moisture parameters, as detailed in Section 2-2 of this report. Other variables, such as temperature and humidity, while potential contributors to fire spread, are not direct inputs into the FPI calculation. Temperature and humidity are accounted for indirectly through the inclusion of dewpoint depression in the FPI rating. Because temperature, humidity, and moisture are not distinct "factors considered" in SCE's de-energization decisions, they are not reported separately, but are reflected in the actual FPI rating for each de-energized circuit, as shown in Table 2.

⁵ SCE's detailed technical paper, Quantitative and Qualitative Factors for PSPS Decision-Making, can be found at https://energized.edison.com/psps-decision-making and in Attachment B of this report.

- within the flaming front at the head of a fire ... reflects the contribution of all live and dead fuels to potential fire intensity." ⁶
- 10-hour dead fuel moisture—A measure of the amount of moisture in ¼-inch diameter dead fuels, such as small twigs and sticks.
- 100-hour dead fuel moisture—A measure of the amount of moisture in 1- to 3-inch diameter dead fuels, i.e., dead, woody material such as small branches.
- Live fuel moisture—A measure of the amount of moisture in living vegetation.
- Normalized Difference Vegetation Index (NDVI)— "... used to quantify vegetation greenness and is useful in understanding vegetation density and assessing changes in plant health." ⁷

Visual 1. Fire Potential Index Equation⁸



⁶U.S. Department of Agriculture. n.d. "Energy Release Component (ERC) Fact Sheet." Forest Service. Accessed April 14, 2021. https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5339121.pdf.

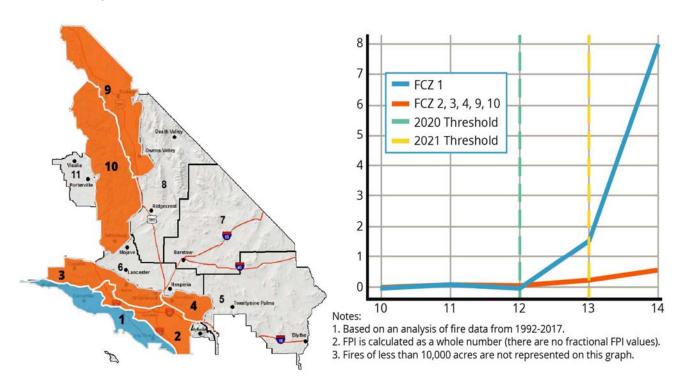
⁷ U.S. Department of the Interior. n.d. Landsat Normalized Difference Vegetation Index. Accessed April 14, 2021. https://www.usgs.gov/core-science-systems/nli/landsat/landsat-normalized-difference-vegetation-index?qt-science_support_page_related_con=0#qt-science_support_page_related_con.

⁸ Fire Potential Index adapted from San Diego Gas & Electric (https://www.sdge.com/sites/default/files/regulatory/SDGE_Fire_Prevention_Plan_2018.pdf, pages 25-27) and modified to serve SCE's needs, including the insertion of the Live Fuel Moisture variable.

Previously, SCE set the activation threshold at the FPI of 12. Starting on September 1, 2021, SCE has set the FPI at 13 for most areas and most events based on a risk analysis of historical fire data. The following details exceptions in which the FPI threshold will continue to be set at 12:

- Fire Climate Zone 1 (FCZ1) (Coastal region) The threshold for FCZ1 is staying at 12 because probability calculations indicated a significantly higher ignition risk factor at an FPI threshold of 13 for this FCZ than for the other FCZs (2, 3, 4, 9, and 10).
- Geographic Area Coordination Center (GACC) preparedness level of 4 or 5 The GACC coordinates multiple federal and state agencies to track and manage regional fire resources. It provides a daily fire preparedness level on a score of 1-5. A high score signals that there could be resource issues in responding to a fire.
- Circuits located in an active Fire Science Area of Concern (AOC) AOCs are areas within FCZs that are at high risk for fire with significant community impact. This designation is based on factors that are common to FPI as well as egress, fire history, and fire consequence. Further details about AOCs can be found in SCE's Wildfire Mitigation Plan.¹⁰

Visual 2. Probability of Wind-Driven Fires at 10,000 Acres at FPI 12 and 1311



For each PSPS event, every circuit also has a de-energization threshold. De-energization thresholds are determined separately for each circuit to prioritize circuits for de-energization based on the specific risks of the event. This is particularly important for large events where many circuits must be evaluated simultaneously. There are a handful of circuits that have legacy thresholds below the NWS advisory level because they have a history of local circuit outages at lower wind speeds.

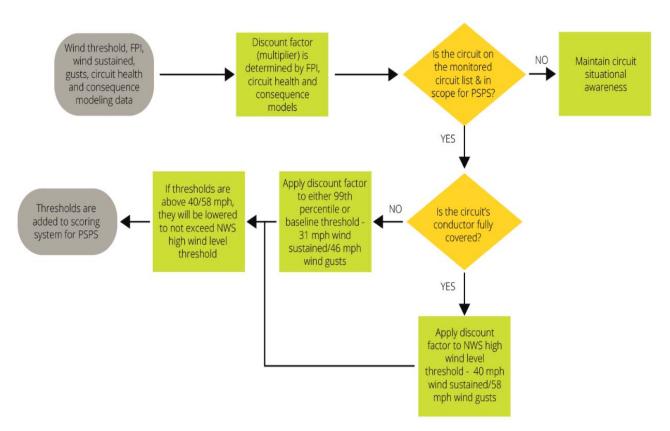
⁹ Short, Karen C. 2017. Spatial wildfire occurrence data for the United States, 1992-2015 [FPA_FOD_20170508]. 4th Edition. Fort Collins, CO: Forest Service Research Data Archive https://doi.org/10.2737/RDS-2013-0009.4 Supplemented with 2016-2017 ignition data supplied directly by CalFIRE via email.

¹⁰ SCE's 2022 Wildfire Mitigation Plan Update dated February 18, 2023.

¹¹ Based on back cast FPI calculation.

De-energization thresholds account for circuit health, including any issues identified through patrols, and are also informed by a consequence score for each specific high fire risk area. The consequence score estimates the impact of an ignition on communities. The higher the score, the greater the risk to a particular location from wildfires. SCE's process for calculating de-energization thresholds is outlined below.

Visual 3. PSPS Decision-Making Flowchart/Diagram



If actual conditions suggest more risk, or in large-scale events when many circuits are under consideration for shutoffs, the de-energization thresholds may be lowered (discounted), meaning power on a circuit will be turned off at lower wind speeds. This step prioritizes the circuits that represent the highest risk to be evaluated for de-energization before circuits at lower risk. Conversely, de-energization thresholds are raised for segments or circuits that have had covered conductor installed. The de-energization threshold for segments with covered conductor is 40 mph sustained/58 mph gusts, which aligns with the NWS high wind warning level for windspeeds at which infrastructure damage may occur.

The thresholds for the circuits in scope for potential de-energization during this event were set as follows:

Table 3: Circuit Thresholds (Continued in Attachment C)

Circuit Thresholds						
Circuit.	FPI Threshold	Wind Speed Activation Thresholds		De-Energization Thresholds		
Circuit	Rating	Sustained Wind	Gust Wind	Sustained Wind	Gust Wind	
ASHLEY	12	31	46	31	46	
BOOTLEGGER	13	31	46	40	58	
CALSTATE	12	31	46	40	58	
CHEVELLE	13	31	46	40	58	
FIREBIRD	13	31	46	40	58	

Forecasted versus actual weather parameters for this event were as follows:

- Wind: Wind gusts of 45 to 55 mph were forecast for Los Angeles, San Bernadino, Santa Barbara Counties during this event, with isolated areas of higher gusts up to 60 mph. Peak observed wind speeds for the areas in scope were 47 mph sustained and 65 mph gusts during this event. Although observed wind speeds exceeded de-energization thresholds, observed FPI values peaked at 11.54 for circuits with an FPI threshold of 12 required for de-energization and peaked at 12.85 for circuits with an FPI of 13 required for de-energization.
- Relative humidity: Relative humidity during this event was forecast to be between 20% and 30% across Los Angeles, San Bernadino, Santa Barbara Counties. Actual observed relative humidity ranged from 16% to 26% during this event. Although this indicates dry conditions, the low humidity did not coincide with peak winds.
- 3. A thorough and detailed description of the quantitative and qualitative factors SCE considered in calling, sustaining, or curtailing each de-energization event including any fire risk or PSPS risk modeling results, and a specification of the factors that led to the conclusion of the deenergization event.

SCE's PSPS decisions are based on quantitative analyses while accounting for qualitative factors such as societal and emergency management impacts. SCE utilizes proactive de-energization as a measure of last resort when all other alternatives to de-energization have been exhausted. The decision to potentially de-energize customers during this high threat event was based on considering and weighing the quantitative and qualitative factors detailed below:

- Consultation with the GACC regarding the potential for elevated fire weather within the SCE service territory during the Period of Concern. The GACC agreed with SCE's forecast of elevated fire weather potential for Los Angeles, San Bernardino, and Santa Barbara Counties.
- Ongoing assessments before the Period of Concern from SCE's in-house meteorologists using highresolution weather models to determine the potential scope of the high threat event, as well as real time weather data from SCE weather stations and publicly available weather stations during the Period of Concern to inform actual de-energization decisions.
- Fire spread modeling to identify areas having the greatest potential for significant fire activity. Results of this modeling by SCE identified the potential for fire in the one-to-five thousand (1,000 to 5,000)-acre range with isolated ten thousand (10,000)-acre fire potential in the areas of concern during the Period of Concern.

• The National Weather Service (NWS) issued Wind Advisories for portions of Los Angeles, San Bernardino, and Santa Barbara Counties for the same time period.

SCE considered the following factors when deciding to conclude this high threat event:

- Observed weather parameters for this PSPS event, including wind speeds and FPI ratings for the circuits in scope relative to the preset thresholds for this event. Although observed wind speeds exceeded de-energization thresholds, FPI criteria were not met for this high threat event. *See* also Section 2-2 for additional details.
- 4. An explanation of how the utility determined that the benefit of de-energization outweighed potential public safety risks, and analysis of the risks of de-energization against not deenergizing. The utility must identify and quantify customer, resident, and the general public risks and harms from de-energization and clearly explain risk models, risk assessment processes, and how the power disruptions to customers, residents, and the general public is weighed against the benefits of a proactive de-energization.

SCE assesses and compares potential public safety risks associated with proactive de-energization (PSPS risk) and simulated wildfire risk (PSPS benefit in avoiding a wildfire) for all circuits in scope for the Period of Concern, using its PSPS In-Event Risk Comparison Tool. ¹² Inputs into this Tool include, among others, in-event weather, and wildfire simulation models, as well as circuit specific data. The results of the analysis are displayed in the Central Data Platform and used by Incident Commanders to inform de-energization decisions, in conjunction with other relevant quantitative and qualitative factors described in Section 2 of this report. Incident Commanders consider the output of the Tool to assess the risk versus the benefit of de-energization on a circuit-by circuit basis.

The comparative PSPS and wildfire risk estimates are based on the following circuit-specific criteria and information:

- **PSPS Risk**: Customers served, estimated population, and the relative ranking of the circuits in scope by the percentage of Access and Functional Needs (AFN) and Non-Residential Critical Infrastructure (NRCI) customers.
- **Wildfire Risk**: Wildfire simulations (using Technosylva FireCast¹³ modeling) for potential ignitions based on dynamic, in-event weather and wind conditions in proximity to the circuits in scope for deenergization. These conditions are used to determine the extent of an estimated fire footprint (or fire shed). Within that fire shed, the risk of a wildfire is calculated based on the number of structures, population, and acres potentially threatened within the impacted area.

¹² SCE will continue to refine the PSPS In-Event Risk Comparison Tool based on real-time experience, additional data, modeling enhancements, and ongoing benchmarking with other IOUs. Estimates and assumptions described herein are based on risk models reflecting current industry best practices (such as FireCast) and are subject to being updated as the modeling improves.

¹³ Technosylva is a suite of wildfire simulation models or tools. While relying on a similar underlying fire propagation engine, each model is designed to support a unique use case. FireCast is specifically designed to forecast ignition risk associated with electric utility assets over a 3-day horizon based on expected short-term weather conditions.

This information is used to calculate potential Safety, Financial, and Reliability impacts (or attributes) of: (1) a wildfire and (2) a proactive de-energization event, as summarized in the table below:

Risk Attribute	Wildfire Consequences	PSPS Consequences
Safety	SCE calculates the estimated number of fatalities and serious injuries based on a forecast of impacted population within the Technosylva wildfire consequence simulation. This number, in turn, is converted into the Safety index.	SCE leverages epidemiological studies and information drawn from past widespread power outage events including the 2003 Northeast Blackout, the 2011 Southwest Blackout, and the IOUs' 2019 PSPS postevent reports. ¹⁴ The resulting estimates of fatalities and serious injuries per customer minutes interrupted (CMI) are intended to approximate potential safety consequences due to the power outage, such as illnesses resulting from food spoilage or exacerbation of existing underlying health conditions. SCE enhanced the PSPS safety attribute through the application of a circuit-specific AFN/NRCI multiplier. This multiplier represents the relative ranking of each circuit based on the number of AFN and NRCI customers on the circuit.
Reliability	SCE assumes 24 hours without power per customer on each circuit in scope due to wildfire. This duration was used to maintain consistency with Technosylva 24-hour fire propagation simulation, as well as the PSPS impact duration.	SCE estimates the total customer minutes interrupted (CMI) due to proactive deenergization on a circuit. It is the product of the number of customers on a circuit and the total number of minutes of estimated interruption. SCE assumes 1,440 CMI per customer (24 hours x 60 minutes) to represent de-energization over a 24-hour period.
Financial	SCE calculates the financial impact of wildfire by assigning a dollar value to the buildings and acres within the fire shed potentially threatened by wildfire. For buildings, SCE uses a system average replacement value assumption. For acres, SCE uses assumed costs of suppression and restoration. ¹⁵	SCE conservatively assumes \$250 ¹⁶ per customer, per de-energization event to quantify potential financial losses for the purpose of comparing PSPS risk to wildfire risk. The figure represents potential customer losses, such as lost revenue/income, food spoilage, cost of alternative accommodations, and

¹⁴ See, e.g., Anderson, G.B., Bell, M.B (2012). Lights Out: Impact of the August 2003 Power Outage on Mortality in New York, NY, *Epidemiology* 23(2) 189-193. doi: 10.1097/EDE.0b013e318245c61c.

¹⁵ Suppression costs are based on a five-year average of California's reported wildfire suppression costs from 2016-2020. Restoration costs are assumed to be \$1,227/acre based on research papers published by the Bureau of Land Management.

¹⁶ SCE utilizes \$250 per customer, per de-energization event to approximate potential financial losses on average, recognizing

¹⁶ SCE utilizes \$250 per customer, per de-energization event to approximate potential financial losses on average, recognizing that some customers may experience no financial impact, while other customers' losses may exceed \$250. The \$250 value is a conservative assumption used for the limited purpose of estimating the potential financial consequences of PSPS as one of

Risk Attribute	Wildfire Consequences	PSPS Consequences
		equipment/property damage. This value is based on a Value of Lost Load (VoLL), which is a widely accepted industry methodology to estimate a customer's willingness to accept compensation for service interruption. VoLL is dependent on many factors, including the type of customer, the duration of the outage, the time of year, the number of interruptions a customer has experienced. SCE's VoLL estimate is consistent with academic and internal studies to estimate VoLL for a single-family residential customer for a 24-hour period.

SCE quantifies the resulting PSPS risks and wildfire risks using natural unit consequences for each risk type or attribute—structures impacted, acres burned, customer minutes interrupted, serious injuries and fatalities, etc. "Safety" risk is expressed as an index, "Reliability" risk is measured in terms of customer minutes interrupted (CMI), and "Financial" risk is measured in dollar amounts.

SCE then applies a Multi-Attribute Risk Score (MARS) framework to convert these natural unit consequences to unitless risk scores—one score for PSPS risks and one score for wildfire risks. ¹⁷ These risk scores are compared to each other by dividing the wildfire risk score (*i.e.*, the potential benefit of PSPS) by the PSPS risk score (*i.e.*, the potential public harm of PSPS), yielding a benefit/risk ratio for each circuit in scope of the PSPS event. If the resulting ratio is equal to 1, the risks are equivalent. If the ratio is greater than one, the wildfire risk exceeds the PSPS risk (the higher the resulting number, the more the wildfire risk outweighs the PSPS risk). If the ratio is less than 1, the PSPS risk outweighs the wildfire risk.

The table below displays circuit-specific inputs—such as the number of customers on a circuit, AFN/NRCI multiplier, number of acres and buildings potentially threatened—which are used to calculate the PSPS and wildfire risk scores (shown in columns titled "PSPS Risk" and "Wildfire Risk") and drive the final output of the Tool. These risk scores are then compared in the last column

¹⁷ MARS is SCE's version of Multi-Attribute Value Function (MAVF). The MAVF was developed as part of the Safety Model Assessment (S-MAP) proceeding and is used in the utilities' 2018 Risk Assessment Mitigation Phase (RAMP) Report (I.18-11006, pp. 1-28) filings to compare risks and mitigation alternatives. SCE has improved its MARS framework since first developing it for the 2018 RAMP. SCE MARS 2.0 attributes, units, weights, ranges, and scales are shown below, and are further described in SCE's 2022 RAMP report See A.21-05-13, Chapter 2 – Risk Model and RSE Methodology.

Attribute	Unit	Weight	Range	Scaling
Safety	Index	50%	0 - 100	Linear
Reliability	CMI	25%	0 – 2 billion	Linear
Financial	\$	25%	0 – 5 billion	Linear

many inputs into SCE's PSPS In-Event Risk Comparison Tool. It is not an acknowledgment that any given customer has or will incur losses in this amount, and SCE reserves the right to argue otherwise in litigation and other claim resolution contexts, as well as in CPUC regulatory proceedings.

(highlighted in yellow) titled "FireCast Output Ratio," which shows the ratios of wildfire risk (corresponding to potential benefit of PSPS) to PSPS risk (corresponding to potential public harm from PSPS) for each circuit in scope. All ratios in the "FireCast Output Ratio" column for are greater than 1, meaning that the wildfire risk exceeded PSPS risk for all circuits in scope. These results were presented to the Incident Commanders in advance of de-energization to inform PSPS decision-making.

Table 4: PSPS Risk vs. Benefit Comparison Tool (Continued in Attachment C)

PSPS Risk vs. Benefit Comparison Tool										
Circuit	All Customers	Population	AFN/NRCI Multiplier	24 Hour CMI (24 x 60)	Firecast Acres	Firecast Buildings	Firecast Population	PSPS Risk (24 hr Impact- PSPS Model)	(24hr Impact-	Firecast Output
ASHLEY	106	318	1.127666185	1440	716.37	321	960	0.000022242	0.031484223	1415.478428923
BOOTLEGGER	1584	4752	1.153556450	1440	4878.30	404	645	0.000333014	0.040350589	121.167949964
CALSTATE	609	1827	1.143965440	1440	2999.20	108	456	0.000127944	0.011018179	86.117279131
CHEVELLE	2183	6549	1.201904396	1440	5748.50	75	142	0.000460568	0.008396484	18.230724879
FIREBIRD	1320	3960	1.000000000	1440	3073.40	609	1555	0.000274395	0.060133383	219.148975934

For this high threat event, the results of the PSPS Risk vs. Benefit Comparison Tool supported SCE's decision to activate the IMT given the forecasted fire weather and the potential for de-energization, indicating that all circuits in scope for potential de-energization during this event¹⁸ had a PSPS benefit/risk ratio greater than 1.

5. Explanation of alternatives to de-energization and other wildfire mitigation measures in deenergized areas; PSPS last resort analysis.

SCE deploys a suite of wildfire mitigation measures aimed at reducing the probability of ignitions associated with electrical infrastructure in high fire risk areas without resorting to PSPS. These activities include grid hardening measures such as installation of covered conductor, repair, or replacement of equipment on poles (e.g., crossarms, transformers), and installation of protective devices (e.g., fast acting fuses). In addition, SCE has implemented operational practices including enhanced inspections, vegetation management, and fire climate zone operating restrictions restrictions are applied to a majority of high fire risk circuits and are typically in effect for the duration of the fire season; others such as covered conductor are permanent and in place year-round. SCE's PSPS windspeed thresholds account for circuits or isolatable circuit segments that are fully hardened with covered conductor, thereby potentially limiting the duration and number of customers

¹⁸ The table showing the results of the PSPS Risk vs. Benefit Comparison Tool includes ratios for <u>all</u> circuits on the monitored circuit list for this event, all of which indicate the benefit of wildfire avoidance (achieved through PSPS or other mitigation measures) exceeded PSPS risk. As noted above, the results of the Tool are among many quantitative and qualitative factors considered by SCE in its PSPS decision-making process. Although the ratio(s) shown for the circuit(s) in scope supported a potential de-energization for all circuits in scope, SCE ultimately did not need to de-energize any circuits based on actual observed conditions during the Period of Concern.

¹⁹ Fast curve settings reduce fault energy release by increasing the speed with which a protective relay reacts to most fault currents. Fast curve settings can reduce heating, arcing, and sparking for many faults compared to conventional protection equipment settings. More details are in SCE's 2022 Wildfire Mitigation Plan Update, initiative SH-6.

²⁰ SCE's System Operating Bulletin No. 322 includes provisions for enabling fast curve settings on distribution line reclosers and circuit breakers, recloser blocking, line patrols and requirements for personnel to be physically present when operating air-break switching devices.

affected by PSPS during fire weather events.²¹ However, during severe fire weather conditions (dry and windy), there is a heightened risk of ignitions primarily due to wind-driven foreign objects or airborne vegetation coming into contact with SCE's equipment. Under these circumstances, the deployment of the above-described less disruptive measures may not sufficiently mitigate wildfire and public safety risk, and PSPS is necessary as a last resort mitigation measure to prevent ignitions that may lead to significant wildfires.

Leading up to and during a PSPS event, SCE utilizes real-time weather station data and, if available, information from field observers on the ground for enhanced situational awareness to forecast and monitor prevailing environmental conditions (e.g., wind gusts) that can lead to potential damage from airborne vegetation or flying debris, to inform de-energization decisions. For circuits that are in scope, SCE also conducts pre-patrols and visually inspects the entire length of each circuit or circuit segment to identify any imminent hazards or equipment vulnerabilities that require immediate remediation and provide additional up-to-date intelligence on field conditions. If such concerns are discovered on a circuit in scope, they are addressed before the impending wind event, if possible.

SCE makes every effort to limit the scope, duration, and impact of PSPS for as many customers as possible. This includes adjusting wind speed thresholds higher for circuits or segments that have covered conductor installed and leveraging sectionalization equipment to switch some customers to adjacent circuits not impacted by PSPS or otherwise remove them from scope. Starting with the initial weather (wind and relative humidity) and fuel moisture forecasts for the Period of Concern, SCE evaluates its current system configurations for downstream circuits, i.e., circuits receiving power from another circuit that is forecast to exceed de-energization thresholds. SCE seeks to identify any circuit segment or subset of customers that could safely be transferred from a circuit that is expected to exceed thresholds to another adjacent circuit that is not. Ahead of the Period of Concern for this event, SCE was able to transfer approximately 1,450 customers on two circuits to adjacent circuits, mitigating any potential impacts for these customers if a de-energization had been necessary. In addition, one circuit segment on the Calstate circuit in scope qualified for an event exception, resulting in a mitigation of approximately 579 customers.

In this high threat event, relative humidity levels did not drop low enough concurrent with high wind speeds to bring FPI levels above criteria for de-energization, ultimately counteracting the wildfire risk from strong winds. As a result, no circuits were meeting FPI criteria for de-energization at the time the wind thresholds were exceeded. Therefore, SCE ultimately did not have to de-energize any customers.

Section 3. De-Energized Time, Place, Duration and Customers

1. The summary of time, place, and duration of the event, broken down by phase if applicable.

This high-threat event began when SCE activated its Emergency Operations Center on October 9, 2023, at 2:00pm and ended for all circuits in scope on October 12, 2023, at 1:15 pm when SCE de-

²¹ In this event, 6 circuits in scope for potential de-energization had either fully or partially installed covered conductor and thus higher windspeed thresholds. None of these circuits had to be de-energized.

mobilized the dedicated Incident Management Team. SCE did not de-energize any customers during this high-threat event. This event encompassed circuits in Los Angeles, San Bernadino, Santa Barbara Counties.

2. A zipped geodatabase file that includes PSPS event polygons of de-energized areas. The file should include items that are required in Section 3.3.

N/A. SCE did not de-energize any circuits during this high threat event.

- 3. A list of circuits de-energized, with the following information for each circuit. This information should be provided in both a PDF and excel spreadsheet.
 - County
 - De-energization date/time
 - Restoration date/time
 - "All Clear" declaration date/time²²
 - General Order (GO) 95, Rule 21.2-D Zone 1, Tier 2, or Tier 3 classification or non-High Fire Threat District
 - Total customers de-energized²³
 - Residential customers de-energized
 - Commercial/Industrial customers de-energized
 - Medical Baseline (MBL) customers de-energized
 - AFN other than MBL customers de-energized²⁴
 - Other Customers
 - Distribution or transmission classification

N/A. SCE did not de-energize any circuits during this high threat event.

²² SCE understands "All Clear" declaration date/time for each circuit in scope to refer to: (1) approval by the Incident Commander to begin patrols and restoration of power for any de-energized circuit or circuit segment, or (2) a final decision to remove a circuit or circuit segment from scope after the Period of Concern is over for that circuit or segment on the monitored circuit list that was not de-energized during the PSPS event.

²³ Whenever possible, SCE employs circuit-switching operations and/or sectionalization devices to minimize the number of customers in scope for proactive de-energization. As a result, some customers on a circuit in scope may briefly lose power while SCE switches them to an energized adjacent circuit or when SCE uses sectionalization devices to isolate portions of a circuit that can remain safely energized from de-energized segments of that same circuit or an adjacent circuit. The reported count of "total customers de-energized" does not include customers who experience a brief (30 minutes or less) power interruption during such switching and/or sectionalization operations, but who are not otherwise impacted by the proactive de-energization.

²⁴ SCE maintains extensive data on customer populations that are included in the AFN definition referenced in CPUC decisions, with a focus on identifying AFN customers particularly vulnerable during PSPS events. In addition to AFN customer who have self-certified as sensitive (not enrolled in the MBL program). SCE identifies and tracks for PSPS reporting purposes the following categories of "AFN other than MBL customers"; senior citizens (65 and older), hearing-impaired, vision-impaired (communications provided in large font or Braille). Income-qualified (enrolled in CARE or FERA), and non-English speakers.

Section 4. Damage and Hazards to Overhead Facilities

1. Description of all found wind-related damages or hazards to the utility's overhead facilities in the areas where power is shut off.

N/A. No wind related damages or hazards were identified for this high threat event.

2. A table showing circuit name and structure identifier (if applicable) for each damage or hazard, county that each damage or hazard is located in, whether the damage or hazard is in a High Fire Threat District (HFTD) or non-HFTD and the type of damage/hazard.²⁵

Table 6: Damage and Hazards

N/A. No wind related damages or hazards were identified for this high threat event.

3. A zipped geodatabase file that includes the PSPS event damage and hazard points. The file should include fields that are in the table above.

N/A. No wind related damages or hazards were identified for this high threat event.

4. A PDF map identifying the location of each damage or hazard.

N/A. No wind related damages or hazards were identified for this high threat event.

Section 5. Notification

1. A description of the notice to public safety partners, local/tribal governments, paratransit agencies that may serve all the known transit or paratransit dependent persons that may need access to a community resource center, multi-family building account holders/building managers in the AFN community²⁶, and all customers, including the means by which utilities provide notice to customers of the locations/hours/services available for CRCs, and where to access electricity during the hours the CRC is closed.

SCE includes paratransit agencies that may be de-energized in its PSPS notifications and classifies these agencies overall as critical facilities and infrastructure to ensure they receive priority notifications. All

²⁵ Hazards are conditions discovered during restoration patrolling or operations that might have caused damages or posed an electrical arcing or ignition risk had PSPS not been executed.

²⁶SCE notifies multi-family building account holders in the ordinary course along with other customers of record in scope for a potential de-energization. SCE does not currently have a way to identify which multi-family building account holders have residents in their buildings who may be members of the AFN community. SCE conducts PSPS-related outreach via flyers and trade publications to increase awareness of PSPS among building/property managers who are not account holders. SCE also instituted an address-level alert program, which allows non-SCE account holders (such as building/property managers) to sign up for PSPS alerts for specific addresses.

multi-family building SCE account holders receive customer notifications. In its customer notification, SCE directs potentially impacted customers to www.sce.com/psps for information related to the location, hours, and services available at Community Resource Centers. Instructions on where customers can access electricity during the hours the centers are closed have been made available on the SCE website. Please see the table below for a description of the types of notices provided during this deenergization event.

Notification Descriptions						
Type of Notification	Recipients	Description ²⁷				
Advance Initial-or Initial	Public Safety Partners and Critical Facilities & Infrastructure Customers (including local and Tribal governments, Community Choice Aggregators, hospitals, water/wastewater and telecommunications providers, CBOs and paratransit agencies serving the AFN community).	Initial notification of potential PSPS event when circuits are first identified for potential deenergization (72-48 hours before potential de-energization)				
	Other Customers (including multi-family building account holders).	Initial notification of potential PSPS event (48-24 hours before potential de-energization).				
Update	Public Safety Partners and Critical Facilities & Infrastructure Customers (including local and Tribal governments, Community Choice Aggregators, hospitals, water/wastewater and telecommunications providers, CBOs and paratransit agencies serving the AFN community). Other Customers (including	PSPS event status update notification to alert for any changes or additions/deletions to current scope (timing varies and may also occur daily). Update notice to Public Safety Partners may also serve as cancellation notice if circuits are removed from scope.				
	multi-family building account holders).					

²⁷SCE makes every effort to adhere to the notification timelines required by the CPUC. However, notifications may be delayed in some circumstances due to the sudden onset of dangerous fire weather that was not forecasted or when such weather conditions manifest earlier than predicted by the forecast.

Notification Descriptions						
Type of Notification	Recipients	Description ²⁷				
Event Avoided-All Clear ²⁸	Critical Facilities & Infrastructure (including Community Choice Aggregators, hospitals, water/wastewater, and telecommunications providers). Other Customers (including multi-family building account holders).	PSPS event cancelled-no de- energization expected.				

2. Notification timeline including prior to de-energization, initiation, restoration, and cancellation, if applicable. The timeline should include the required minimum timeline and approximate time notifications were sent.

Throughout the PSPS event, SCE made significant effort to notify public safety partners, local/tribal governments, critical facilities and infrastructure, and customers in accordance with the minimum timelines set forth by the CPUC weather and other factors permitting. Table 07: Notification Timeline in Attachment C: PSPS Event Data Workbook describes the notifications SCE sent for this event, including approximate time notifications were sent to local/tribal governments, public safety partners, critical facilities and infrastructure, and other customers prior to potential de-energization and after the decision to cancel the de-energization or remove from scope.

3. For those customers where positive or affirmative notification was attempted, use the following table to report the accounting of the customers (which tariff and/or access and functional needs population designation), the number of notification attempts made, the timing of attempts, who made the notification attempt (utility or public safety partner) and the number of customers for whom positive notification was achieved. "Notification attempts made" and "Successful positive notification" must include the unique number of customer counts. When the actual notification attempts made is less than the number of customers that need positive notifications, the utilities must explain the reason. In addition, the utilities must explain the reason of any unsuccessful positive notifications.

²⁸ SCE makes every effort to notify customers, public safety partners, and other impacted entities within two hours of a decision to cancel an anticipated de-energization event or to remove from scope. When the Period of Concern is over for a circuit or a circuit segment originally in scope and after the circuit is removed from the Monitored Circuit List, SCE sends an "Event Avoided-All Clear" cancellation notification to impacted entities and customers that had been notified of a potential deenergization, but not de-energized. Because weather conditions can change unexpectedly, SCE is not always able to make a final decision that notified customers will not experience de-energization until an "All Clear" declaration has been issued for all circuits in scope for the PSPS event.

Table 8: Positive Notification²⁹

N/A. There were no Medical Baseline customers or other customers with Access and Functional Needs de-energized during this event.

1. A copy or scripts of all notifications with a list of all languages that each type of notification was provided in, the timing of notifications, the methods of notifications and who made the notifications (utility or public safety partners).

Scripts of all notifications that SCE sends are attached hereto in Attachment A: Public Safety Partner/Customer Notification Scripts. SCE performs all primary customer notifications and encourages public safety partners to amplify PSPS messages on their platforms as appropriate. SCE offers all notifications in the following languages: English, Spanish, Cantonese, Mandarin, Vietnamese, Tagalog, and Korean. Khmer, Armenian, Farsi, Arabic, Japanese, Russian, Punjabi, Thai, Hmong, Portuguese, Hindi, French, German, Mixteco (indigenous - spoken only), Zapoteco (indigenous - spoken only), and Purapecha (indigenous - spoken only).

2. If the utility fails to provide notifications according to the minimum timelines set forth in D.19-05-042 and D.21-06-034, use the following table to report a breakdown of the notification failure and an explanation of what caused the failure.

Throughout the PSPS event, SCE made significant efforts to notify public safety partners, local/tribal governments, critical facilities and infrastructure, and customers in accordance with the minimum timelines set forth by the CPUC in PSPS OIR Decisions (D.) 19-05-042 and D. 21-06-034, weather and other factors permitting. As this was a high threat event with no customers de-energized or restored, cancellation notice is the only applicable notice type to be reported in the Breakdown of Notification Failure table. Any missed notifications during the event are included in the following table.

²⁹ The "Total Number of Customers" metric reflects the total number of MBL and Self-Certified customers in scope for the PSPS event. Although SCE attempts to notify all MBL and Self-Certified customers in scope, only customers who are ultimately deenergized "need" positive pre-event PSPS notifications.

Table 9: Breakdown of Notification Failure

Breakdown of Notification Failures						
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation			
	Entities who did not receive 48-to 72-hour advance notification. Entities who did not	N/A				
	receive 1-4- hour imminent notification.	NI /A				
Public Safety Partners	Entities who did not receive any notifications before deenergization.	N/A				
excluding Critical Facilities and Infrastructure	Entities who were not notified immediately before reenergization.	N/A				
	Entities who did not receive cancellation notification within two hours of the decision to cancel.	8	Due to an error in decision-making related to application of the notification requirement, cancellation notifications to San Bernardino County and to Santa Barbara County were sent approximately 3.5 hours and 5.5 hours, respectively, after removal of circuits from scope.			

Breakdown of N	Breakdown of Notification Failures						
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation				
	Facilities who did not receive 48- 72-hour advance notification. Facilities who did not	N/A					
	receive 1-4 hour of imminent notifications. Facilities	N/A					
Critical Facilities and	who did not receive any notifications before de- energization.						
Infrastructure	Facilities who were not notified at de- energization initiation.	N/A					
v n i b e F v n	Facilities who were not notified immediately before re- energization.	N/A					
	Facilities who were not notified when re- energization is complete.	N/A					

Breakdown of l	Notification Fail	ures	
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation
	Facilities who did not receive cancellation notification within two hours of the decision to cancel.	47	Cancellation notices to STANWOOD circuit (43 customers) and to ASHLEY circuit (2 customers) were sent approximately 5.5 hours after the circuits were removed from scope at ~1:30am October 12, 2023 . The delay in sending notifications was due to an error in decision-making related to application of the notification requirement. Cancellation notices to the HILLFIELD circuit (2 customers) were sent approximately 3.5 hours after removal from scope at ~10:45am October 10, 2023. The delay was due to a system limitation for which an operational enhancement has been submitted.
	Customers who did not receive 24- 48-hour advance notifications.	N/A	
All other affected	Customers who did not receive 1-4- hour imminent notifications.	N/A	
customers	Customers who did not receive any notifications before de- energization.	N/A	
	Customers who were not notified at de-	N/A	

Breakdown of Notification Failures							
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation				
	energization initiation.						
	Customers who were not notified immediately before re- energization.	N/A					
	Customers who were not notified when re- energization is complete.	N/A					
	Customers who did not receive cancellation notification within two hours of the decision to cancel.	1944	Cancellation notices to the STANWOOD circuit (1610 customers) and ASHLEY circuit (77 customers) were sent approximately 5.5 hours after removal from scope at ~1:30am October 12, 2023. The delay in sending notifications was due to an error in decision-making related to application of the notification requirement.				
			257 customers were timely sent cancellation notices, but SCE received a delivery failure notice for these customers.				

3. Explain how the utility will correct the notification failures.

- Cancellation notifications to 1732 customers and 8 public safety partners on the Stanwood and
 Ashley circuits were delayed by several hours due to an error in decision-making related to
 coordinating removal of circuits from scope and timely issuing cancellation notifications. To
 correct this issue, SCE has clarified and reiterated its protocols internally for releasing circuits and
 sending cancellation notifications within the CPUC recommended 2-hour timeframe.
- SCE identified 257customers with failed notification delivery status for canceled notifications. These customers received pre-event advance notifications but may not have received subsequent cancellation notices. These failures are likely the result of customers blocking notification delivery by marking SCE communications as spam or telecom provider errors due to network traffic and disconnects. SCE is researching customer accounts to determine if alternative contact information is available for these customers.
- SCE identified a technical deficiency that prevented notifications from being sent in a timely manner to two (2) customers on the HILLFIELD circuit. SCE has submitted an enhancement request to correct this issue.
- 4. Enumerate and explain the cause of any false communications citing the sources of changing data.

Missed/Insufficient Notification:

• Please refer to Table 9: Breakdown of Notification Failure for missed/insufficient notification information.

Incorrect Notification:

Three (3) customers received notices in error during this event because they were incorrectly
mapped to a circuit(s) on the monitored circuit list. SCE has made the necessary mapping
corrections to its records for these customers.

Cancellation Notification:

• 8,124 customers and associated Public Safety Partners in those jurisdictions were notified of potential de-energization but not ultimately de-energized. De-energization was not necessary because forecasted fire weather conditions did not materialize in the areas of concern. Public Safety Partners and customers were notified of the cancellation after being removed from scope.

Section 6. Local and State Public Safety Partner Engagement

1. List the organization names of public safety partners including, but not limited to, local governments, tribal representatives, first responders, emergency management, and critical facilities and infrastructure the utility contacted prior to de-energization, the date and time on which they were contacted, and whether the areas affected by the de-energization are classified as Zone 1, Tier 2, or Tier 3 as per the definition in CPUC General Order 95, Rule 21.2-D.

Please see Table 10: Public Safety Partners Contacted in Attachment C: PSPS Event Data Workbook for a list of local public safety partners that received notifications related to this high threat event.

2. List the names of all entities invited to the utility's Emergency Operations Center for a PSPS event, the method used to make this invitation, and whether a different form of communication was preferred by any entity invited to the utility's emergency operation center.

SCE extends a daily invitation for agency representatives to its Emergency Operations Center (currently virtual only) during agency coordination calls with public safety partners and critical infrastructure providers, as applicable during PSPS events. SCE also shares daily situational reports from these calls with all impacted public safety partners and critical infrastructure providers that includes contact information for requesting/receiving an agency representative to the Emergency Operations Center. Please see Table 11: Entities Invited to the Emergency Operations Center in Attachment C: PSPS Event Data Workbook for a list of agencies invited to the daily coordination calls.

3. A statement verifying the availability to public safety partners of accurate and timely geospatial information, and real time updates to the GIS shapefiles in preparation for an imminent PSPS event and during a PSPS event.

SCE provided geospatial information and real-time updates to GIS shapefiles via the SCE Representational State Transfer Service (REST) to public safety partners before and during the PSPS event. SCE also made this information available to customers at www.sce.com/psps.and provided this information to public safety partners on its Public Safety Partner Portal (Portal).

4. A description and evaluation of engagement with local and state public safety partners in providing advanced outreach and notification during the PSPS event.

SCE submitted the CalOES Notification form via the State Dashboard beginning on October 9, 2023, at 7:49pm. SCE conducted daily operational briefings with State and local public safety partners, as well as critical infrastructure entities, for the duration of this PSPS event to provide critical incident updates and a forum for resolving issues. SCE also participated on County Operational Area calls as requested. See Table 10: Public Safety Partners Contacted in Attachment C: PSPS Event Data Workbook details a list of local public safety partners that received notifications related to this event.

SCE has instituted an engagement survey process to capture feedback from State and County public safety partners during PSPS events. SCE encourages these stakeholders to provide survey feedback in daily coordination calls and emails links to the engagement survey once the event has concluded.

SCE believes that engagement with its Public Safety Partners was positive based on the following feedback received: of the Public Safety Partners that responded, 33% of the respondents rated the engagement as good and 67% as excellent. 25% of the respondents rated the operations briefing as good and 75% excellent.

5. Specific engagement with local communities regarding the notification and support provided to the AFN community.

SCE provided notification of this PSPS high threat event to the 211 California Networks, Regional Centers, Independent Living Centers, and American Red Cross chapters that serve their respective counties. SCE contacted the Community-Based Organizations (CBOs) serving Los Angeles, San Bernardino, Santa Barbara Counties on October 09, 2023, to alert them to potential PSPS outages in those areas. SCE also provided 24-hour contact information to these agencies if they needed to escalate any unidentified community issues. Support services for customers with Access and Functional Needs were available through our partnerships with California Foundation of Independent Living Centers, 211 California Network. Through these partnerships, SCE offers food support, temporary accommodation, and transportation. Additionally, SCE activated its In-Event Battery Loan pilot which offers a battery loan to affected customers with AFN.

- 6. Provide the following information on backup power (including mobile backup power) with the name and email address of a utility contact for customers for each of the following topics:
 - a) Description of the backup generators available for critical facility and infrastructure customers before and during the PSPS.

SCE maintains a total of 13 mobile generators for use by critical facilities and infrastructure customers during PSPS events, as needed. SCE has contracts with vendors to lease additional units during emergency events when the need arises for our critical care customers.

b) The capacity and estimated maximum duration of operation of the backup generators available for critical facility and infrastructure customers before and during the PSPS.

The generators SCE maintains for PSPS events are rated at 20-500 KW and have an estimated maximum duration of operation of 24-36 hours with a continuous fuel plan to ensure there is no interruption of power while the generators are deployed for usage.

c) The total number of backup generators provided to critical facility and infrastructure customer's site immediately beforeand during the PSPS.

N/A. No critical facilities or infrastructure customers requested backup generation as such SCE did not deploy any backup generation to critical facility and infrastructure customers during this high-threat event.

d) How the utility deployed this backup generation to the critical facility and infrastructure customer's site.

N/A. No critical facilities and infrastructure customers requested backup generation; as such, SCE did not deploy any back-up generation to critical facility and infrastructure customers during this high-threat event.

e) An explanation of how the utility prioritized how to distribute available backup generation.

N/A. No critical facilities and infrastructure customers requested backup generation; as such, SCE did not deploy any back-up generation to critical facility and infrastructure customers during this high-threat event.

f) Identify the critical facility and infrastructure customers that received backup generation.

N/A. No critical facilities and infrastructure customers requested backup generation; as such, SCE did not deploy any back-up generation to critical facility and infrastructure customers during this high-threat event.

Any questions related to the information under this item may be directed to SCE at the following e-mail address: SCEBCDCustomersupport@sce.com.30

Section 7. Complaints and Claims

1. The number and nature of complaints received as the result of the de-energization event and claims that are filed against the utility because of de-energization. The utility must completely report all the informal and formal complaints, meaning any expression of grief, pain, or dissatisfaction, from various sources, filed either with CPUC or received by the utility as a result of the PSPS event.

SCE received seven reported complaints and zero claims associated with this PSPS event. SCE will include any additional complaints or claims related to this PSPS event received after the filing of date of this report in its annual post-season report.

³⁰ Although there is no designated contact person for questions, this e-mail inbox is monitored by SCE's Business Customer Division.

Table 12: Count and Nature of Complaints Received

Count and Nature of Complaints Received			
Nature of Complaints	Number of Complaints		
PSPS Frequency/Duration Including, but not limited to complaints regarding the frequency and/or duration of PSPS events, including delays in restoring power, scope of PSPS and dynamic of weather conditions.	0		
Safety/Health Concern Including, but not limited to complaints regarding difficulties experienced by AFN/MBL populations, traffic accidents due to non-operating traffic lights, inability to get medical help, well water or access to clean water, inability to keep property cool/warm during outage raising health concern			
Communications/Notifications Including, but not limited to complaints regarding lack of notice, excessive notices, confusing notice, false alarm notice, problems with getting up-to-date information, inaccurate information provided, not being able to get information in the prevalent languages and/or information accessibility, complaints about website, Public Safety Partner Portal, REST/DAM sites (as applicable)			
Outreach/Assistance Including, but not limited to complaints regarding community resource centers, community crew vehicles, backup power, hotel vouchers, other assistance provided by utility to mitigate impact of PSPS			
General PSPS Dissatisfaction/Other Including, but not limited to complaints about being without power during PSPS event and related hardships such as food loss, income loss, inability to work/attend school, plus any PSPS-related complaints that do not fall into any other category.			
Total	7		

Table 13: Count and Type of Claims Received

No claims were received about this event.

Section 8. Power Restoration Timeline

- 1. A detailed explanation of the steps the utility took to restore power, including the timeline for power restoration, broken down by phase if applicable.
 - N/A. SCE did not de-energize any circuits during this high threat event.
- 2. For any circuits that require more than 24 hours to restore, the utility shall use the following table to explain why it was unable to restore each circuit within this timeframe.
 - N/A. SCE did not de-energize any circuits during this high threat event.

Section 9. Community Resource Centers

1. Using the following table, report information including the address of each location during a de-energization event, the location (in a building, a trailer, etc.), the assistance available at each location, the days, and hours that it was open, and attendance (i.e., number of visitors).

Table 15: Community Resource Centers

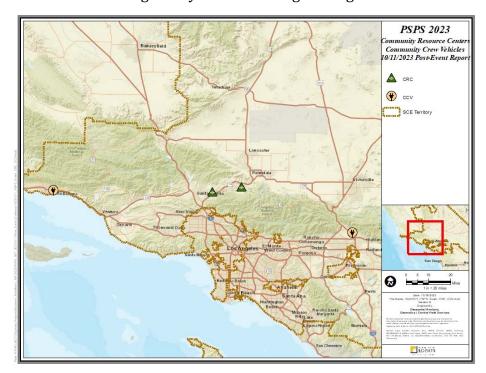
Community Resource Centers						
Address	Location Type	Describe the assistance available	Hours of Operations ¹ (Date / Time)	Number of Visitors		
Acton Community Center 3748 Nickels Ave Acton, CA 93510	CRC	Small portable device charging (such as a cell phone, laptop, and small medical devices), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and wood as needed and customer resiliency kits	10/12/23 8AM - 1:30PM	0		
Cal State San Bernardino University 5500 University Parkway, Parking Lot D San Bernardino, CA 92407	CCV	Small portable device charging (such as a cell phone, laptop, and small medical devices), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and wood as needed and customer resiliency kits	10/12/23 8AM - 1:30PM	2		
College of the Canyons 17200 Sierra Hwy, map, CCC2-202" Santa Clarita, CA 91351	CRC	Small portable device charging (such as a cell phone, laptop, and small medical devices), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and wood as needed and customer resiliency kits	10/12/23 8AM - 1:30PM	4		
Franklin Community Center 1136 East Montecito St Santa Barbara, CA 93103	CCV	Small portable device charging (such as a cell phone, laptop, and small medical devices), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and wood as needed and customer resiliency kits	10/11/23 2PM - 10PM	73		

2. Any deviations and explanations from the CRC requirement including operation hours, ADA accessibility, and equipment.

SCE deployed staff to provide community assistance to a total of four locations in Los Angeles, San Bernardino and Santa Barbara Counties during this event. SCE sometimes deviates from the CRC normal hours of operation of 8 am to 10 pm during PSPS events to either follow the Period of Concern more closely and provide appropriate customer support to best meet the needs of the community or when circuits had been re-energized and customer support is no longer necessary. In this event, one CCV in Santa Barbara opened from 2 PM to 10 PM on October 11th but did not reopen on October 12th because the monitored circuit was removed from scope. The circuits for the other three locations which were still being monitored on October 12th included Acton (CRC), San Bernardino (CCV), and Santa Clarita (CRC). These three CRC/CCV locations closed at 1:30 PM upon conclusion of the event. No customers were de-energized for this PSPS event.

3. A map identifying the location of each CRC and the de-energized areas

SCE did not de-energize any circuits during this high threat event.



Section 10. Mitigation to Reduce Impact

1. Mitigation actions and impacts including: sectionalization devices, temporary generation, microgrids, permanent backup generation, transmission switching, covered conductor, and any other grid hardening that mitigated the impact of the event.

SCE did not de-energize any circuits during this high-threat event. Please see section 2-5 for further information regarding mitigation actions.

Section 11. Lessons Learned

1. Threshold analysis and the results of the utility's examination of whether its thresholds are adequate and correctly applied in the de-energized areas.

SCE believes our thresholds are adequate and correctly applied in de-energized areas as detailed in Attachment B - Quantitative and Qualitative Factors in PSPS Decision-Making Technical Paper.

2. Any lessons learned that will lead to future improvement for the utility.

Lessons Learned							
Issue	Discussion	Resolution					
Cancellation notices 1,732 customers on 2 circuits and 8 Public Safety Partners were not sent within 2 hours of when the circuits were removed from scope.	Cancellation notifications were delayed by several hours due to an error in decision-making related to coordinating removal of circuits from scope and timely issuing cancellation notifications.	SCE has clarified and reiterated its protocols internally for releasing circuits and sending cancellation notifications within the CPUC recommended 2-hour timeframe.					

Section 12. Other Relevant Information

1. This section includes any other relevant information determined by the utility.

N/A

Attachment A-Public Safety Partner and Customer Notification Scripts

SCE LNO Notification Template Text/Format as of 7/17/23

Liaison Officer (LNO) notifications are sent by circuit and/or county and based on circuits listed on SCE's Monitored Circuit List (MCL). LNO notifications begin 72 hours before the period of concern, when possible. LNO notifications differ from SCE customer notifications in terms of timing, message content, frequency, and audience.

There are seven unique LNO notification templates:

Advanced Initial notification (72 hours out--if possible) is sent at the start of the incident for each impacted county and includes the activation's first LNO spreadsheet. *

Initial/Update notifications are typically sent daily with an attached LNO spreadsheet after each weather report/period of concern (POC) generated by Operations. Spreadsheet includes all clear designation Expected Shutoff (Imminent 1-4) (previously imminent de-energization) sent, as needed, during PSPS events. No attachments. *

PSPS Shutoff (previously de-energization) sent, as needed, during PSPS events. No attachments.

Preparation for Restoration sent, as needed, during PSPS events. No attachments. *

Restored notifications sent, as needed, during PSPS events. No attachments.

Event Concluded notification is sent at the end of the incident for each county that had one or more circuits potentially impacted by PSPS

MCL letting officials know the power is restored (or restored with noted exceptions), and the event is concluded.

LNO notifications are sent to the following stakeholder groups. Contacts are either mapped to specific circuits or are included based on their County-level affiliation.

- City/County/Tribal Officials
- Public Safety Partners, including CalFire and other emergency contacts
- CCA Administrators
- State and Federal Legislative District Offices
- 211 Operators
- Independent Living Centers
- Other stakeholders with longer range emergency planning responsibilities

Template language for all notifications (after notification language)

Message cadence: The SCE Liaison Officer provides a rolling three-day advance warning of potential PSPS events, when possible, and sends update notifications every day. We will also notify you with time-sensitive shutoff and restoration information at the circuit level. Sudden weather changes may impact SCE's ability to provide advanced notice: a shutoff could occur sooner than anticipated.

Spreadsheet content: All circuits currently on the watch list in your county are listed in the attached spreadsheet. As we get closer to the event and the weather forecast becomes more exact, additional circuits could be added or removed from our watch lists. Circuits marked *Updated Period of Concern* in the Circuit Notification Status column have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with any questions about the spreadsheet.

Weather forecasting: SCE's forecasting relies on in-house meteorologists and fire scientists. SCE may notify for a potential PSPS independently of any Red Flag Warnings being declared by the National Weather Service, and weather forecasts on radio and television may provide different information.

Online outage information: Visit <u>sce.com/outages</u> starting three days before the forecast start date for information about PSPS areas and timing, as well as information about all other outages in the SCE service area. Starting up to seven days out from a forecast PSPS event, a weather outlook (at the county level) is available at sce.com/weather-awareness.

For More Information:

- www.sce.com/psps
- Maps showing PSPS boundaries Check Outage Status (sce.com)
- sce.com/fireweather for weather conditions: .
- <u>Public Safety Partner Portal</u> (for registered users) / email publicsafetyportal@sce.com to request access
- REST service (web-based password-protected access to GIS layers) / email SCERestInfo@sce.com to request access
- Sce.com/wildfire for information on customer programs and other resources
- De-energization and restoration policies: sce.com/pspsdecisionmaking

Our Emergency Operations Center is open and our IMT is activated. Contact information is provided below.

SCE Contact Information for Public Officials only (Please DO NOT share with the public)

- First Responders and Emergency Managers:
 - Phone: Business Resiliency Duty Manager 24/7 hotline: (800) 674-4478
 - Email: Business Resiliency Duty Manager/emergencies:
 <u>BusinessResiliencyDutyManager@sce.com</u>-- Only monitored during emergency activations.
- Government/tribal officials:
 - Phone: Liaison (government relations) 24/7 hotline: 800-737-9811. Only monitored during emergency activations.
 - Email: <u>SCELiaisonOfficer@sce.com</u>. Note: Only monitored during emergency activations.
- Access and Functional Needs issues:
 - Phone: AFN Liaison Officer 24/7 hotline: 888-588-5552. Only monitored during emergency activations.
 - Email: AFNIMT@sce.com. Note: Only monitored during emergency activations.

SCE Contact Information for the Public: (Please DO share this information via web and social media).

- Outage-specific customer service issues: 800-611-1911
- Billing and service inquiries: 800-684-8123
- PSPS event status: sce.com/PSPS
- Non-PSPS outages: sce.com/outages
- Update customer contact information: www.sce.com/pspsalerts
- Information on customer programs and other resources sce.com/wildfire

Advanced Initial (72-hour) LNO Notification

Notification Subject Line and Message

Advanced Initial Notice for PSPS Event in **COUNTY NAME** on [start POC DATE].

COMMENTS:

Public Safety Power Shutoff initial notification for official use: Due to projected fire weather conditions, we may need to shut off power in high fire risk areas in **COUNTY NAME**. Please refer to the attached spreadsheet for status and periods of concern for specific circuits.

We are working to reduce the number of customers affected and weather patterns might change, so **not** all circuits on the watch list will have their power shut off.

Customers on the affected circuits will be notified starting two days before the forecasted start date, however the maps on sce.com/psps will reflect this information today.

We have opened our virtual Emergency Operations Center and set up an incident management team for this event including in-house meteorologists, fire scientists, liaison and public information officers, and other technical staff. Contact information is provided below.

Recommended Language to Share with the Public: SCE has informed us they may be calling for a Public Safety Power Shutoff impacting (insert organization name) on (insert date). SCE will notify all customers who may be affected, including Critical Care and Medical Baseline customers. For more info: sce.com/psps

Updated Conditions (Update) Notification

Notification Subject Line and Message:

SCE Update/Initial Notice for PSPS Event in [County Name].

COMMENTS:

Public Safety Power Shut-Off update notification for official use: We are providing ongoing information and periods of concern for PSPS circuits in [County Name], based on updated weather reports. A complete list, including both the forecasted start and end times for all circuits is attached.

Customers on the affected circuits are being notified if they are within two days of the period of concern, or if there has been a change to their status. The map on sce.com/psps is being continually updated to reflect current status.

Information about Community Resource Centers and Community Crew Vehicles will be available one day in advance of the period of concern at sce.com/psps.

Recommended Language to Share with the Public: SCE has informed us there may be a Public Safety Power Shutoff impacting (insert organization name) on (insert date). SCE will notify all customers who may be affected, including Critical Care and Medical Baseline customers. For more info: sce.com/psps

Expected De-Energize Notification (previously: Imminent De-Energization) (PSPS Expected) Notification Subject Line and Message:

SCE Expected Shutoff Notice for PSPS Event in County Name.

Public Safety Power Shutoff update notification for official use: SCE may need to shut off power in the next 4 hours to reduce the risk of wildfire ignition. Areas that may be impacted include:

- Circuit: [CIRCUIT name]
- County:
- Segment: [if listed]
- Incorporated City of:
- Unincorporated County Area:
- COMMENTS:

Shutoffs may occur earlier or later depending on actual weather conditions.

This notice expires after 4 hours; however, the listed circuit(s) will remain on the watch list and will be subject to PSPS until the conclusion of this weather event.

Customers on the affected circuits are being notified. Information about Community Resource Centers and Community Crew Vehicles is available at sce.com/psps.

Our virtual Emergency Operations Center is open and our IMT is activated. Contact information is provided below.

When the weather improves, we will inspect our lines for damage before we restore power. This typically takes up to 8 hours but could take longer if we need daylight for safe inspections.

Recommended Language to Share with the Public: SCE has informed us they are likely to call a Public Safety Power Shutoff impacting (insert organization name) within the next four hours. SCE will notify all customers who may be affected. For more info: sce.com/psps

<u>PSPS Shutoff Notification (De-energization notification)</u> Notification Subject Line and Message:

SCE PSPS Shutoff Notice for [CIRCUIT NAME] Circuit in [COUNTY NAME].

Public Safety Power Shutoff update notification for official use: SCE is shutting off power to reduce the risk of wildfire ignition.

Impacted circuits and locations are:

- Circuit: [CIRCUIT name]
- County: [COUNTY NAME].
- Segment:
- Incorporated City of: [Incorporated City]
- Unincorporated County Area: [unincorporated area description]
- Comment:

SCE is notifying customers who are being shut off. The map on sce.com/psps is being updated to reflect the current PSPS outages. Information about Community Resource Centers and Community Crew Vehicles is available at sce.com/psps

When the weather improves, crews will inspect and repair the lines and restore Typically this can take up to 8 hours. Updates to restoration information will be posted on www.sce.com/psps and on the Public Safety Partner Portal.

Our virtual Emergency Operations Center is open and our IMT is activated. Contact information is provided below.

Recommended Language to Share with the Public: SCE has begun a Public Safety Power Shutoff. SCE notified customers who may be affected, including Critical Care and Medical Baseline customers. For more information visit sce.com/psps

(Preparation for Restoration)

Notification Subject Line and Message:

Preparation for Restoration [CIRCUIT NAME] Circuit in [COUNTY NAME]

Public Safety Power Shutoff update notification for official use: Our crews are inspecting the following circuits or circuit segments to restore power as soon as it is safe to do so:

- Circuit: [CIRCUIT name]
- Segment(s):
- Incorporated City: [incorporated city]
- Unincorporated County Area: [unincorporated area description]
- Comments:

Typically, power is restored within 8 hours. Exceptions include circuits in remote areas and circuits that have sustained significant damage. Any updates to restoration information will be posted on www.sce.com/psps and the Public Safety Partner Portal.

SCE is notifying customers. The map on sce.com/psps will be updated to reflect the current status.

SCE has opened its virtual Emergency Operations Center. Contact information is provided below.

Recommended Language to Share with the Public: SCE has begun patrolling circuits for damage before turning the power back on. It typically takes up to 8 hrs to restore power once the patrol begins. Restoration can be delayed if damage is found, or aerial patrol is needed. For more info visit sce.com/psps

Restore Notification (formerly: RE-ENERGIZE) Restoration Notification

Notification Subject Line and Message:

Important: SCE Restoration Notice for PSPS Event on [CIRCUIT NAME] Circuit in [COUNTY NAME].

Public Safety Power Shutoff update notification for official use:

SCE crews have restored power on the following circuit or circuit segments:

- Circuit: [CIRCUIT name]
- Segment(s):
- Incorporated City: [incorporated city]
- Unincorporated County Area: [unincorporated area description]
- Comment:

SCE is also notifying customers that power has been turned back on.

SCE's virtual Emergency Operations Center will be closing when all customers are restored. Contact information is provided below.

Recommended Language to Share with the Public: SCE has begun turning power back on to circuits. Some areas may restored sooner than others. For more info visit sce.com/psps

Event Concluded Notification

Notification Subject Line and Message:

SCE PSPS Event Concluded in [COUNTY NAME].

Public Safety Power Shutoff update notification for official use:

If customers were de-energized, power has been restored and the PSPS event has concluded.

Recommended Language to Share with the Public: The public safety power shutoff in your area has concluded. If your power is still out, please visit sce.com/outages for more information.

Any circuit that was identified for potential PSPS is All Clear and will not be de-energized for this event

Notification Subject Line and Message:

SCE PSPS Event Concluded Notice for [COUNTY NAME].

Public Safety Power Shutoff update notification for official use:

The PSPS event has concluded, however some customers in [county name] remain without power.

Repairs and restoration for these customers will be handled by SCE's regular grid operations:

- Circuit:
- Segments:
- Incorporated City of:
- Unincorporated County Area:
- Reason for continued outage:

Cancelation no longer in scope

Description:

Sent within two hours after a circuit no longer in scope for PSPS

Notification Subject Line and Message:

PSPS Cancellation for circuit(s) in County Name.

Public Safety Power Shutoff update notification for official use: Due to improved conditions SCE is no longer planning to shut off power in the next for the circuit listed below.

Circuit: [CIRCUIT name]

• County:

Segment: [if listed]Incorporated City of:

• Unincorporated County Area:

Language to share with the public: Some customers in our area are no longer in scope for public safety power shutoffs. Check sce.com/outages for more information.

Cancelation no longer in scope

Description:

Sent 2 withing two hours after a circuit no longer in scope for immediate PSPS but remains in scope

Notification Subject Line and Message:

PSPS Cancellation for the circuit(s County Name.

Public Safety Power Shutoff update notification for official use: Due to improved conditions SCE is no longer planning to shut off power for the circuit listed below.

SCE PSPS Update: However, because high winds are still forecast through ^End Day of week^
^morning/afternoon/evening/
we might have to shut off power again.

• Circuit: [CIRCUIT name]

County:

Segment: [if listed]Incorporated City of:

Unincorporated County Area:

Shutoffs may occur earlier or later depending on actual weather conditions.

This notice expires after 4 hours; however, the listed circuit(s) will remain on the watch list and will be subject to PSPS until the conclusion of this weather event.

SCE has opened its Emergency Operations Center. Contact information is provided below.

Customers on the affected circuits are being notified. Information about Community Resource Centers and Community Crew Vehicles is available at sce.com/psps.

PSPS Variable Notification Templates

6/20/2023

1 | Advanced Initial [Typically 72 Hours Prior]

[Only for Public Safety Partners (Telecom/Water-Wastewater) and Critical Infrastructure]

SCE Advanced PSPS Alert: High winds and fire conditions are forecast 'Day of 'morning/afternoon/evening' through 'End Day of week' 'morning/afternoon/ evening'. We may have to shut off power. We are working to reduce the number of customers affected, and weather patterns might change, so not all notified customers will have their power shut off. For the latest updates, visit publicsafetyportal.sce.com, contact your assigned SCE account representative. Or call 1- 800-611-1911

TEXT/SMS

VOICE

SCE Advanced Public Safety Power Shutoff Alert: High winds and fire conditions are forecast from ^Day of week^ ^morning/afternoon/evening^ through ^End Day of week^ ^morning/afternoon/evening^ through Per are working to reduce the number of customers affected, and weather patterns might change, so not all notified customers will have their power shut off. For the latest updates visit publicsafetyportal dot sce dot com, contact your assigned SCE account representative, or call 1-800-611-1911

EMAIL

Subject: SCE Public Safety Power Shutoff (PSPS) Advanced Initial Alert

From: do not reply@scewebservices.com Southern California Edison

High winds and fire conditions are forecast from ^Day of week^ ^morning/afternoon/evening^ through ^End Day of week^ ^morning/afternoon/evening^. We may need to shut off power to decrease the risk of dangerous wildfires. We are working to reduce the number of customers affected, and weather patterns might change, so not all notified customers will have their power shut off.

This alert applies to the following address(es):

For more information on this event, visit the <u>public safety partner portal</u>, contact your assigned SCE account representative, or call 1-800-611-1911.

2 | Initial Notification [48 HOURS BEFORE] ALERT

TEXT/SMS

SCE PSPS Alert: High winds and fire conditions are forecast from ^Day of week^ ^morning/afternoon/evening^ through ^End Day of week^ ^morning/afternoon/evening^. We may have to shut off your power to decrease risk. We are working to reduce the number of customers affected and will keep you updated. Visit sce.com/psps for the latest information. For downed power lines, call 911. View in more languages: www.sce.com/PSPSInitial

VOICE

SCE Public Safety Power Shutoff Alert. To continue in English, press 1. [Spanish press 2], all other languages press 3.... High winds and fire conditions are forecast from 'Day of week' 'morning/afternoon/evening' through 'End Day of week' 'morning/afternoon/evening'. We may have to shut off your power to decrease risk of dangerous wildfires. We are working to reduce the number of customers affected and will keep you updated. Visit sce dot com slash psps for the latest information. If you see a downed power line call 911.

EMAIL

Subject: SCE Public Safety Power Shutoff Alert

From: do not reply@scewebservices.com Southern California Edison

High winds and dangerous fire conditions are forecast from <u>Day of week</u> <u>Morning/afternoon/evening</u> through <u>Pand Day of week</u> <u>Morning/afternoon/evening</u>. We may have to shut off your power to decrease risk of dangerous wildfires. We are working to reduce the number of customers whose power will be shutoff and will keep you updated. For the latest updates, outage map, and information about customer care services, visit <u>sce.com/psps.</u>

Thank you for your patience as we work to keep your community safe!

This alert applies to the following address(es):

- For information about preparing for a power outage, visit sce.com/safety/family/emergency-tips.
- REMEMBER: If you see a downed power line call 911 first, and then notify SCE at 1-800-611-1911.
- 3 | Update Notification [24 HOURS BEFORE] WARNING

TEXT/SMS

SCE PSPS Warning: High winds and fire conditions are forecast from ^Day of week^ ^morning/afternoon/evening^ through ^End Day of week^ ^morning/afternoon/evening^. We may have to shut off your power to decrease risk of wildfires. We are working to reduce the number of customers affected and will keep you updated. Visit sce.com/psps for the latest information and availability of community resources. For downed power lines, call 911. View in more languages: www.sce.com/PSPSUpdate

VOICE

SCE Public Safety Power Shutoff warning. To continue in English, press 1. [Spanish press 2], all other languages press 3.... High winds and dangerous fire conditions are forecast from ^Day of week^ ^morning/afternoon/evening^ through ^End Day of week^ ^morning/afternoon/evening^. We may have to shut off your power to decrease risk of wildfires. We are working to reduce the number of customers whose power will be shutoff and will keep you updated. Visit sce dot com slash psps for the latest information and availability of community resources. If you see a downed power line call 911.

EMAIL

Subject: SCE Public Safety Power Shutoff (PSPS) Warning

From: do not reply@scewebservices.com Southern California Edison

High winds and dangerous fire conditions are forecast from *Day of week*

'morning/afternoon/evening' through 'End day of week' 'morning/afternoon/evening'. We may have to shut off your power to decrease risk of dangerous wildfires. We are working to reduce the number of customers whose power will be shut off and will keep you updated. For the latest updates, outage map, and availability of community resources, visit sce.com/psps.

This alert applies to the following address(es):

- For information about preparing for a power outage, visit <u>sce.com/safety/family/emergency-tips</u>.
- REMEMBER: If you see a downed power line, call 911 first, and then notify SCE at 1-800-611-1911.

Thank you for your patience as we work to keep your community safe!

4 | PSPS EVENT ALL-CLEAR | AVOIDED (SENT AT ANY TIME WHEN CUSTOMER IS PERMANENTLY OUT OF SCOPE)

TEXT/SMS

SCE PSPS All-Clear: Due to improved weather, we did not shut off your power. We understand that planning around outages is inconvenient. Thanks for your patience as we work to keep our communities safe. If your power is off, please call 1-800-611-1911 or visit sce.com/psps. View in more languages: www.sce.com/PSPSAllClear

VOICE

SCE PSPS All-clear: To continue in English, press 1. [Spanish press 2], all other languages press 3.... Due to improved weather, we did not shut off your power. We understand that planning around outages is inconvenient. Thank you for your patience as we work to keep our communities safe. If your power is off, please call 1-800-611-1911 or visit sce dot com slash psps.

EMAIL

Subject: SCE Public Safety Power Shutoff (PSPS) All-clear

From: do not reply@scewebservices.com Southern California Edison

Due to improved weather, we did not shut off your power. We understand that planning around outages is inconvenient. Thank you for your patience as we work to keep our communities safe.

This alert applies to the following address(es):

If power is off, please call 1-800-611-1911 or visit sce.com/psps.

For more information about PSPS and wildfire safety, please visit sce.com/psps.

5 | PSPS EXPECTED 1-4 HOURS BEFORE SHUTOFF WARNING

TEXT/SMS

SCE PSPS Expected: It's likely we will shut off your power in the next 4 hours due to wind-driven fire conditions. Conditions could last through <u>*End Day of week* *morning /afternoon /evening*</u>. We will notify you again if we shut power off. Weather could affect shutoff timing and wind-related outages may also occur. Visit <u>sce.com/psps</u> for the latest information and availability of community resources. For downed power lines, call 911. Thanks for your patience. View in more languages: <u>www.sce.com/PSPSExpected</u>

VOICE

SCE PSPS Expected. To continue in English, press 1. [Spanish press 2], all other languages press 3.... It's likely we will shut off your power in the next 4 hours due to wind-driven fire conditions in your area. Conditions could last through <u>*End Day of week* *morning /afternoon /evening*</u>. We will notify you again if we shut off your power. Weather could affect shutoff timing and wind-related outages may also occur. Visit sce dot com slash psps for the latest information and availability of community resources. If you see a downed power line, call 911. Thank you for your patience.

EMAIL

Subject: SCE Public Safety Power Shutoff (PSPS) Expected

From: do not reply@scewebservices.com Southern California Edison

It's likely we will shut off your power in the next 4 hours due to wind-driven fire conditions. Conditions could last through <u>^End Day of week^ ^morning /afternoon /evening^</u>. We are working to reduce the number of customers affected. Weather could also affect shutoff timing and wind-related outages may occur. We will notify you again if we shut off your power. For the latest updates, outage map, and availability of community resources, visit sce.com/psps.

We appreciate your patience as we work to keep your community safe.

This alert applies to the following address(es):

- For information about preparing for a power outage, visit <u>sce.com/safety/family/emergency-tips</u>
- REMEMBER: If you see a downed power line, call 911 first, and then notify SCE at 1-800-611-1911.

Thank you again for your continued patience as we work to keep your community safe!

6 | PSPS SHUTOFF (SENT AT AUTHORIZATION TO DE-ENERGIZE)

SMS/TEXT

SCE PSPS Shutoff: We are shutting off your power due to wind-driven wildfire risk. High winds are forecast through <u>Pend Day of week Pmorning</u> afternoon evening. When weather improves, we will inspect our lines for damage before we restore power. This is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. Visit <u>sce.com/psps</u> for the most up to date info on restoration timing and SCE community resources in your area. Remember to turn off/unplug appliances or equipment that could restart automatically. For downed power lines, call 911. Thanks for your patience. View in more languages: <u>www.sce.com/PSPSShutoff</u>

VOICE

SCE PSPS shutoff. To continue in English, press 1. [Spanish press 2], all other languages press 3.... We are shutting off your power due to current wind-driven wildfire risk. High winds are forecast through ^End Day of week^ ^morning/ afternoon/ evening^. When the weather improves, we will inspect our lines for damage before we restore power. This is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. Remember to turn off or unplug appliances or equipment that could restart automatically. Visit sce dot com slash psps for the latest information on restoration timing and SCE community resources in your neighborhood. If you see a downed power line, call 911. Thank you for your patience.

EMAIL

Subject: SCE Public Safety Power Shutoff (PSPS)

We are shutting off your power due to current high risk of wind-driven wildfire. High winds are forecast to last through <u>*End Day of week* *morning/ afternoon/evening*</u>. When the weather improves, we will inspect our lines for damage before we restore power. This is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. We will update you as conditions change. Please remember to turn off or unplug appliances or equipment that may start automatically when power is restored.

Please visit <u>sce.com/psps</u> for the most up to date information, including outage map and restoration information, and availability of SCE community resources.

REMEMBER: If you see a downed power line, call 911 first, and then notify SCE at 1-800-611-1911. We understand this shutoff is inconvenient. We appreciate your continued patience as we work to keep your community safe.

This alert applies to the following address(es):



7 | CONTINUED SHUTOFF - NEXT DAY SHUTOFF UPDATE (SENT IN THE AM TO OVERNIGHT OUTAGES)

SMS/TEXT

SCE Continued PSPS Shutoff: Thank you for your continued patience during this Public Safety Power Shutoff. High winds could continue through <u>*End Day of week* *morning /afternoon/evening*</u>. Before we restore power, we will inspect our lines for damage. This is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. Visit sce.com/psps for the latest info on restoration and SCE community resources in your area. For downed power lines, call 911. View in more languages: www.sce.com/pspsContinuedShutoff

VOICE

SCE Continued PSPS. To continue in English, press 1. [Spanish press 2], all other languages press 3.... Thank you for your continued patience during this Public Safety Power Shutoff. High winds are forecast to continue through <u>^End Day of week^ ^morning /afternoon/ evening^</u>. Before we restore power, we will inspect our lines for damage. This is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. Visit sce dot com slash psps for the latest information on restoration and availability of community resources in your area. For downed power lines, call 911.

EMAIL

Subject: SCE Continued Public Safety Power Shutoff (PSPS)

From: do not reply@scewebservices.com Southern California Edison

Thank you for your continued patience during this Public Safety Power Shutoff. Wind-driven fire conditions could last through <u>^End Day of week^ ^morning</u> <u>/afternoon/ evening</u>^. When the weather improves, we will inspect our lines for damage before we restore power. This is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. Visit <u>sce.com/psps</u> for the latest information on restoration and SCE community resources in your area.

We understand that any outage is an inconvenience. Thank you again for your continued patience as we work to keep your community safe!

REMEMBER: If you see a downed power line, call 911 first, and then notify

Customer Service Meter Rat

8 | PREPARE FOR RESTORATION

SCE PSPS Update: Winds have died down and we are starting to inspect our lines for damage. Restoration is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or find damage. For updated restoration estimates in your area and for location of SCE community resources visit sce.com/psps. Please turn off/unplug appliances or equipment that could restart automatically and inspect your property for downed power lines. Call 911 if you find a downed line. We will alert you again when we restore power. View in more languages:

www.sce.com/PSPSPrepRestore

VOICE

SCE PSPS Update. To continue in English, press 1. [Spanish press 2], all other languages press 3.... Winds have died down and we are starting to inspect our lines for damage. Restoration is expected to take up to 8 hours but could be delayed if we need daylight for safe inspections or if we find damage. Please turn off or unplug any appliances or equipment that could restart automatically and inspect your property for downed power lines. Call 911 if you find a downed line. We will alert you again when we restore power. For updated restoration estimates in your area, and for location of SCE community resources visit sce dot com slash psps

EMAIL

Subject: SCE Public Safety Power Shutoff Update

From: do not reply@scewebservices.com Southern California Edison

Winds have died down and we are starting to inspect our lines for damage. Restoration is expected to take up to 8 hours but could take longer if we need daylight for safe inspections or if we find damage. For updated restoration estimates in your area, and for location of SCE community resources visit sce.com/psps. We will alert you again when your power comes back on. Please turn off or unplug any appliances or equipment that could restart automatically and inspect your property for downed power lines. If you see a downed power line, stay away and call 911 first, then report it to SCE at 1-800-611-1911.

We understand that Public Safety Power Shutoff events can be disruptive and thank you for your patience as we work to keep your community safe.

This alert applies to the following address(es):

Customer Address Service Account Meter Number Rate

9 | RESTORATION TIME PENDING

SMS/TEXT

SCE PSPS Update: Winds have died down and we are inspecting our lines for damage. Restoration timing depends on need for daylight for safe inspections and the accessibility of power lines. We will alert you again when we restore power. For updated restoration estimates in your area, and for location of SCE community resources visit sce.com/psps. Please turn off or unplug any appliances or equipment that could restart automatically and inspect your property for downed power lines. Call 911 if you find a downed line. View in more languages: www.sce.com/PSPSPrepRestorePending

VOICE

SCE PSPS Update: To continue in English, press 1. [Spanish press 2], all other languages press 3.... Winds have died down and we are starting to inspect our lines for damage. Power restoration timing depends on need for daylight for safe inspections and the accessibility of power lines. We will alert you again when we restore power. Please turn off or unplug any appliances or equipment that could restart automatically and inspect your property for downed power lines. Call 911 if you find a downed line. For updated restoration estimates in your area, and for location of SCE community resources visit sce dot com slash psps.

EMAIL

Subject: SCE Public Safety Power Shutoff Update

From: do not reply@scewebservices.com Southern California Edison

Winds have died down and we are starting to inspect our lines for damage. Power restoration timing depends on need for daylight for safe inspections and the accessibility of power lines. We will alert you again when your power comes back on. For updated restoration estimates in your area, and for location of SCE community resources visit sce.com/psps. Please turn off or unplug any appliances or equipment that could restart automatically and inspect your property for downed power lines. If you see a downed power line, stay away and call 911 first, then report it to SCE at 1-800-611-1911.

We understand that Public Safety Power Shutoff events can be disruptive and thank you for your patience as we work to keep your community safe.

This alert applies to the following address(es):

Customer Address Service Account Meter Number Rate 10 | RESTORATION TIME UPDATE (for when we have missed the 8-hour mark or when we have updated timing for customers who got 9—Restoration Time Pending)

SMS/TEXT

SCE PSPS Update: We have updated our estimated timing to restore your power. Please visit sce.com/psps for the latest information on restoration and availability of community resources in your area. View in more languages: www.sce.com/PSPSPrepRestoreUpdate

VOICE

SCE PSPS Update: To continue in English, press 1. [Spanish press 2], all other languages press 3.... We have updated our estimated timing to restore your power. Please visit sce dot com slash PSPS for the latest information on restoration and availability of community resources in your area.

SCE PSPS Update: We have updated our estimated timing to restore your power. Please visit sce.com/psps for the latest information on restoration and availability of community resources in your area. View in more languages: www.sce.com/PSPSPrepRestoreUpdate

EMAIL

SCE PSPS Update: We have updated our estimated timing to restore your power. Please visit sce.com/psps for the latest information on restoration and availability of community resources in your area. View in more languages: www.sce.com/PSPSPrepRestoreUpdate

We have updated our estimated timing to restore your power. Please visit sce.com/psps to see updated information for your neighborhood and availability of community resources in your area. If you see a downed power line, stay away and call 911 first, then report it to SCE at 1-800-611-1911.

Southern California Edison

This alert applies to the following address(es):

Subject: SCE Public Safety Power Shutoff Update **From:** do not reply@scewebservices.com

Customer Address Service Account Meter Number Rate

SMS/TEXT

SCE PSPS Ended: We have restored power in your area and ended the Public Safety Power Shutoff. If your power is still off, please call 1-800-611-1911 or visit sce.com/outage. We know that safety outages are inconvenient and thank you for your patience. View in more languages: www.sce.com/PSPSEnded

VOICE

SCE PSPS Ended... To continue in English, press 1. [Spanish press 2], all other languages press 3.... We have restored power in your area and ended the Public Safety Power Shutoff due to improved weather conditions. If your power is still off, please call 1-800-611-1911 or visit sce dot com slash outage. We understand that safety outages are inconvenient and thank you for your patience.

EMAIL

Subject: SCE Public Safety Power Shutoff Ended: All Power Restored

We have restored power and ended the Public Safety Power Shutoff in your area due to improved weather conditions. If your power is still off, please call 1-800-611-1911 or visit sce.com/outage. We understand that safety outages are inconvenient and thank you for your patience.

This alert applies to the following address(es):

For more information about PSPS and wildfire safety, please visit sce.com/psps.

12 | RESTORED, NOT ALL CLEAR - RISK OF PSPS REMAINS

SMS/TEXT

SCE PSPS Update: Winds have improved enough for us to restore power in your area. However, because high winds are still forecast through ^End Day of week^
^morning/afternoon/evening^
we might have to shut off power again. We will update you as weather conditions change. If your power is still off, please call 1-800-611-1911 or visit sce.com/psps. Thanks for your patience. View in more languages: www.sce.com/PSPSNotAllClear

VOICE

SCE PSPS Update: To continue in English, press 1. [Spanish press 2], all other languages press 3.... Winds have improved enough for us to restore power in your area. However, because high winds are still forecast through <u>^End Day of week^ ^morning/afternoon/evening^</u> we may have to shut off your power again. We will keep you updated as weather conditions change. We understand that PSPS outages are inconvenient and thank you for your patience. If your power is still off, please call 1-800- 611-1911 or visit sce dot com slash psps.

EMAIL

Subject: SCE Public Safety Power Shutoff Update: Power restored; PSPS still in effect

From: do_not_reply@scewebservices.com

Southern California Edison

Winds have improved enough for us to restore power in your area. However, because high winds are still forecast through <u>^End Day of week^ ^morning/afternoon/evening^</u> we may have to shut off your power again. We will keep you updated as weather conditions change. If your power is still off, please call 1-800-611-1911 or visit sce.com/psps.

We understand that safety outages are inconvenient and thank you for your continued patience. This alert applies to the following address(es):

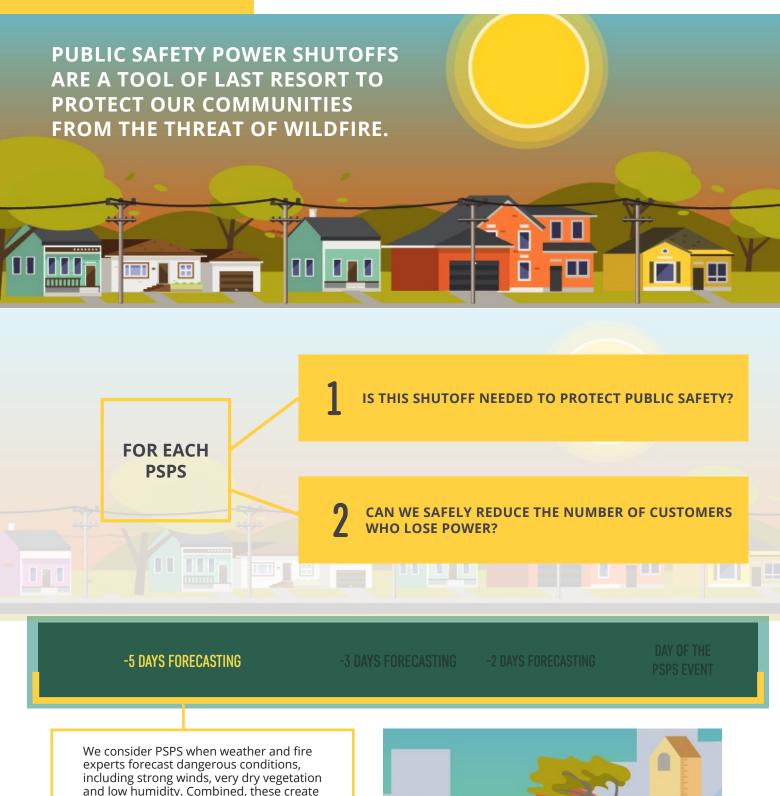
For more information about PSPS and wildfire safety, please visit sce.com/psps.

Attachment B-Quantitative and Qualitative Factors in PSPS Decision-Making Technical Paper



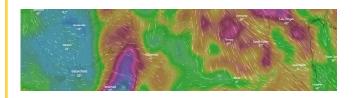
PUBLIC SAFETY POWER SHUTOFF:

DECISION-MAKING



including strong winds, very dry vegetation and low humidity. Combined, these create the risk that flying debris or other damage to our wires and equipment could cause a fire with the potential to spread rapidly.





Our meteorologists and fire scientists continue to review weather conditions, using both internal and external weather models and National Weather Service forecasts, alerts and warnings.



The PSPS Incident Management Team develops a list of circuits that could be impacted. We speak with county offices of emergency management to discuss any public safety issues.



The team is led by an incident commander. Incident commanders undergo continual training for this role and are responsible for all shutoff decisions.



Field crews look for factors that could increase the risk of fire such as existing damage or other hazards to poles and wires.

DECISION POINT

If the weather report is inconclusive, we will wait for additional weather reports or field assessments before we notify customers. We confer with the National Geographic Area Coordination Center (GACC) about fire danger risk.



DECISION

The PSPS Incident
Management Team reviews
options for supplying
customers with power from
different circuits to keep
them energized.





The Incident Management Team looks at twice-daily weather reports to see if the weather pattern has shifted. As the forecast becomes more precise, we update the list of circuits that might be impacted. If the weather pattern has weakened, or shifted outside of high fire risk areas, we will cancel the event.

We notify customers.
We try to visit our
Critical Care and Medical
Baseline customers
who rely on life-saving
medical equipment to
confirm they have been
informed about the
event.

-5 DAYS FURECASTING

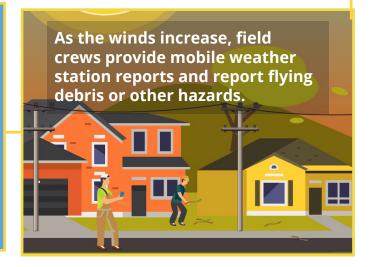
-3 DAYS FORECASTING

-2 DAYS FORECASTING

DAY OF THE PSPS EVENT

3-6 Hours: Before the winds are forecasted to hit peak speeds, the Incident Management Team begins monitoring conditions. A team, including experts in grid operations, meteorology and fire science, advise the incident commander, who will make the final decisions to shut off power.





5 DAYS FORECASTING -3 DAYS FORECASTING -2 DAYS FORECASTING

DAY OF THE
PSPS EVENT



Weather:

Every 10 minutes, weather station readings are updated for each circuit. Meteorologists identify weather trends that could slow or speed up decision-making.



DECISION POINT

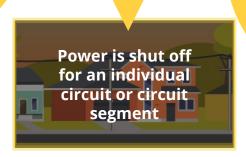
Grid Operations:

The team looks for opportunities to turn off individual segments of a circuit to keep the rest of the circuit powered.



Recommendation:

The lead PSPS operator recommends shutting off power to a circuit or segment when wind speeds are about to hit or exceed our predetermined threshold for unsafe conditions, or field crews advise of an urgent hazard in the field.





Authorization:

The incident commander reviews the recommendation and asks follow-up questions, if necessary, before approving the decision.

AS THE WINDS DIE DOWN, POWER IS RESTORED TO ALL CUSTOMERS When dangerous winds diminish, field crews inspect the lines that had been shut off. Usually, this is done by crews in utility trucks. If there is no damage to the lines, electricity will be restored immediately. The average time for restoration in 2020 was five to six hours, excluding lines that were damaged or required air or foot patrol. Some of these patrols will take longer because they must be done in daylight hours.

Attachment C-PSPS Event Data Workbook



October 09, 2023 to October 12, 2023

FILE DESCRIPTION

This file includes all tables from the Post Event Report submitted following the De-energization Event.

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SECTION 01: Executive Summary SECTION 02: Decision Making Process

Table 03: Circuit Thresholds

Table 04: PSPS Risk vs. Benefit Comparison Tool

SECTION 03: De-Energized Time, Place, Duration and Customers

SECTION 04: Damage and Hazards to Overhead Facilities

SECTION 05: Notifications

Table 07: Notification Timeline

Table 09: Breakdown of Notification Failures

SECTION 06: Local and State Public Safety Partner Engagement

Table 10: Public Safety Partners Contacted

Table 11: Entities Invited to SCE Emergency Operations Center

SECTION 07: Complaints and Claims

Table 12: Count and Nature of Complaints Received

SECTION 08: Power Restoration Timeline SECTION 09: Community Resource Centers

Table 15: Community Resource CentersCenter Address



October 09, 2023 to October 12, 2023

SECTION 02: Decision Making Process

Circuit Thresholds						
Circuit	FPI Threshold	Wind Speed Activation Thresholds		De-Energization Thresholds		
Circuit	Rating	Sustained Wind	Gust Wind	Sustained Wind	Gust Wind	
ASHLEY	12	31	46	31	46	
BOOTLEGGER	13	31	46	40	58	
CALSTATE	12	31	46	40	58	
CHEVELLE	13	31	46	40	58	
FIREBIRD	13	31	46	40	58	
GOLETA-CARPINTERIA-DESAL-SANTA BARBARA	12	40	58	50	61	
GOLETA-SANTA BARBARA	12	40	58	50	61	
HILLFIELD	13	31	46	40	58	
SAND CANYON	13	31	46	40	58	
SANTA CLARA-OJAI-SANTA BARBARA	12	40	58	50	61	
STANWOOD	12	31	46	31	46	

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October 09, 2023 to October 12, 2023

SECTION 02: Decision Making Process

PSPS Risk vs. Benefit Comparison Tool

Circuit	All Customers	Population	AFN/NRCI Multiplier	24 Hour CMI (24 x 60)	Firecast Acres	Firecast Buildings	Firecast Population	PSPS Risk (24 hr Impact- PSPS Model)	•	Firecast Output Ratio
ASHLEY	106	318	1.127666185	1440	716.37	321	960	0.000022242	0.031484223	1415.478428923
BOOTLEGGER	1584	4752	1.153556450	1440	4878.30	404	645	0.000333014	0.040350589	121.167949964
CALSTATE	609	1827	1.143965440	1440	2999.20	108	456	0.000127944	0.011018179	86.117279131
CHEVELLE	2183	6549	1.201904396	1440	5748.50	75	142	0.000460568	0.008396484	18.230724879
FIREBIRD	1320	3960	1.000000000	1440	3073.40	609	1555	0.000274395	0.060133383	219.148975934
GOLETA-CARPINTERIA-DESAL-SANTA BARBARA	0	0	1	1440	2421	197	334	0	0.019584110	INFINITE
GOLETA-SANTA BARBARA	0	0	1	1440	2484	169	331	0	0.017500340	INFINITE
HILLFIELD	2052	6156	1.095645497	1440	1542.40	87	900	0.000429577	0.009054771	21.078338656
SAND CANYON	2191	6573	1.183200183	1440	8016.50	208	1001	0.000461626	0.021665119	46.932237417
SANTA CLARA-OJAI-SANTA BARBARA	0	0	1	1440	2243	196	334	0	0.019582730	INFINITE
STANWOOD	1828	5484	1.119331731	1440	2531.30	574	1309	0.000383349	0.056739850	148.010805489

2023.10.11 - PSPS Event Data Workbook.xlsx, T04



October 09, 2023 to October 12, 2023

SECTION 05: Notifications

Event Order	Notification Type	Requirement Timeline	Notification Sent To	Approximate Time Sent	Notes
	Initial Notice for PSPS Event		Public Safety Partners excluding Critical Facilities and Infrastructure	10/9/2023 17:15	
	(Advanced Initial or Initial)	72-48 hours	Critical Facilities & Infrastructure	10/9/2023 16:35	
	(, , , , , , , , , , , , , , , , , , ,		Public Safety Partners excluding Critical Facilities and Infrastructure	10/10/2023 11:44	
			Public Safety Partners excluding Critical Facilities and Infrastructure	10/11/2023 11:00	
			Public Safety Partners excluding Critical Facilities and Infrastructure	10/12/2023 10:02	
			Critical Facilities & Infrastructure	10/9/2023 18:28	
			Critical Facilities & Infrastructure	10/10/2023 12:19	
			Critical Facilities & Infrastructure	10/10/2023 12:23	
			Critical Facilities & Infrastructure	10/10/2023 15:41	
			Critical Facilities & Infrastructure	10/10/2023 12:34	
	Initial Notice for PSPS Event		Critical Facilities & Infrastructure	10/11/2023 11:08	
e-De-Energization	(Initial or Update)	48-24 hours	Critical Facilities & Infrastructure	10/12/2023 10:11	
(prior)		Critical Facilities & Infrastructure	10/12/2023 10:14		
		All other affected customers	10/9/2023 18:28		
		All other affected customers	10/10/2023 12:19		
		All other affected customers	10/10/2023 12:23		
		All other affected customers	10/10/2023 15:41		
		All other affected customers	10/10/2023 12:34		
		All other affected customers	10/11/2023 11:08		
			All other affected customers	10/12/2023 10:11	
			All other affected customers	10/12/2023 10:14	
	Imminent De-Energize (Expected Shutoff)	4-1 hour (imminent de-energization)	N/A	N/A	N/A
In-Event (during)	De-Energized (Shutoff or Continued Shutoff)	De-energization Notification	N/A	N/A	N/A
	Imminent Re-Energize (Patrol and Inspect & PrepRestore)	Imminent Re-energization	N/A	N/A	N/A
	Re-Energized (Ended, Not All Clear)	Re-energization Notification	N/A	N/A	N/A
			Public Safety Partners excluding Critical Facilities and Infrastructure	10/10/2023 11:44	
			Public Safety Partners excluding Critical Facilities and Infrastructure	10/12/2023 7:22	
			Public Safety Partners excluding Critical Facilities and Infrastructure	10/12/2023 10:02	
			Public Safety Partners excluding Critical Facilities and Infrastructure	10/12/2023 13:38	
Restoration			Public Safety Partners excluding Critical Facilities and Infrastructure	10/12/2023 13:52	
(after)			Critical Facilities & Infrastructure	10/10/2023 12:49	
	Event-Concluded-All Clear		Critical Facilities & Infrastructure	10/10/2023 13:19	
	(Event Avoided All-Clear and	All Clear Notification	Critical Facilities & Infrastructure	10/12/2023 7:01	

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October 09, 2023 to October 12, 2023

SECTION 05: Notifications

Notification Timeline							
Event Order	Notification Type	Requirement Timeline	Notification Sent To	Approximate Time Sent	Notes		
	All Clear)		Critical Facilities & Infrastructure	10/12/2023 7:09			
			Critical Facilities & Infrastructure	10/12/2023 13:48			
			All other affected customers	10/10/2023 12:49			
			All other affected customers	10/10/2023 13:19			
			All other affected customers	10/12/2023 7:01			
			All other affected customers	10/12/2023 7:09			
			All other affected customers	10/12/2023 13:48			

Printed on: 10/26/2023, 3:58 PM 2023.10.11 - PSPS Event Data Workbook.xlsx, T07



October 09, 2023 to October 12, 2023

SECTION 05: Notifications

Breakdown of No		Number of	
Notifications sent to	Notification Failure Description	Entities or Customer	Explanation
		Counts	
	Entities who did not receive 48-72-hour advance notification.	N/A	
	Entities who did not receive 1–4-hour imminent notification.	N/A	
Public Safety Partners	Entities who did not receive any notifications before de-energization.	N/A	
xcluding Critical	Entities who were not notified immediately before re-energization.	N/A	
Facilities and nfrastructure	Entities who did not receive cancellation notification within two hours of the decision to cancel.	8	San Bernardino County notifications were sent approximately 3.5 hours and Santa Barbara County notifications were sent approximately 5.5 hours following removal from scope due to an error that has since been remediated.
	Facilities who did not receive 48–72-hour advance notification.	N/A	
	Facilities who did not receive 1-4 hour of imminent notifications.	N/A	
	Facilities who did not receive any notifications before de-energization.	N/A	
	Facilities who were not notified at de-energization initiation.	N/A	
	Facilities who were not notified immediately before re- energization.	N/A	
	Facilities who were not notified when re-energization is complete.	N/A	
Critical Facilities and Infrastructure	Facilities who did not receive cancellation notification within two hours of the decision to cancel.	47	Cancellation notices on the STANWOOD (43 customers), ASHLEY (2 customers) circuits were sent notifications approximately 5.5 hours after removal from scope and HILLFIELD (2 customers) circuit were sent notifications approximately 3.5 hours after removal from scope due to process deficiency that has since been remediated.

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October 09, 2023 to October 12, 2023

SECTION 05: Notifications

		Number of	
Notifications sent to	Notification Failure Description	Entities or Customer	Explanation
		Counts	
	Customers who did not receive 24–48-hour advance notifications.	N/A	
	Customers who did not receive 1–4-hour imminent notifications.	N/A	
	Customers who did not receive any notifications before de-energization.	N/A	
	Customers who were not notified at de-energization initiation.	N/A	
	Customers who were not notified immediately before re-energization.	N/A	
All other affected	Customers who were not notified when re-energization is complete.	N/A	
customers	Customers who did not receive cancellation notification within two hours of the decision to cancel.	1944	Cancellation notices on the STANWOOD (1610 customers) and ASHLEY (77 customers) circuits were sent notifications approximately 5.5 hours after removal from scope due to process deficiency that has since been remediated. 257 customers did not receive notifications due to customer's failed contact information.

2023.10.11 - PSPS Event Data Workbook.xlsx, T09



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
211 California Network	211 Associate Director	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	211 Call Center Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	211 Director	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	211 Operations Supervisor	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	211 Resource & Project Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	211 Resource Specialist	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	211 Supervisor	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	Assistant Director, 211	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	CIO (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	Director of Health Initiatives at Inland SoCal United Way	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	Emergency Services Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
211 California Network	Program Manager, 211 LA	T3	10/9/23 5:15 PM
Access Services Inc	Emergency Management Coordinator	Т3	10/9/23 5:15 PM
Acton Town Council	President & General Mailbox	T3	10/9/23 5:15 PM
Angelus Oaks FSC Greyback Disaster Preparedness Group	Fire Safe Council PSPS Contact	Т3	10/9/23 5:15 PM



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

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Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
Antelope Valley TA	Director of Operations & Maintenance	T3	10/9/23 5:15 PM
Antelope Valley TA	Project Coordinator	T3	10/9/23 5:15 PM
Arrowhead Communities FSC	Fire Safe Council PSPS Contact	T3	10/9/23 5:15 PM
Building Resilient Communities	Executive Director	T3	10/9/23 5:15 PM
CA Council of the Blind	Community Educator (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
CA Dept. of Social Services	Assistant Deputy Director Central Operations Community Care Licensing Division (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
CA Dept. of Social Services	Customer Relations & Stakeholder Communications Manager (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
CA Dept. of Social Services	Deputy Chief, Disaster Services Branch (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
CA Dept. of Social Services	Deputy Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
CA Dept. of Social Services	Disaster Unit	Non HFRA, T3, T2	10/9/23 5:15 PM
Cal Fire	Asst Region Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
Cal Fire	Region Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
Cal Fire		Non HFRA, T3, T2	10/9/23 5:15 PM
California Association of Area Agencies of Aging	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM
California Department of Aging	Deputy Director	Non HFRA, T3, T2	10/9/23 5:15 PM



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted

Public Safety Partners Contacted				
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted	
California Department of Aging	Program Manager (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Aging	Senior Emergency Services Coordinator	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Developmental Services	Bureau Chief, Department Operations Bureau (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Developmental Services	Community Program Specialist III (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Developmental Services	Community Program Specialist III-FHA Supervisor (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Developmental Services	Consumer Services Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Developmental Services	Eastern Los Angeles Regional Center Emergency Preparedness and Response	Т3	10/9/23 5:15 PM	
California Department of Developmental Services	Frank D Lanterman Regional Center Emergency Preparedness and Response	Т3	10/9/23 5:15 PM	
California Department of Developmental Services	Frank D. Lanterman Regional Center Regional Center Emergency Preparedness and Response	Т3	10/9/23 5:15 PM	
California Department of Developmental Services	Harbor Regional Center Emergency Preparedness and Response	Т3	10/9/23 5:15 PM	
California Department of Developmental Services	Inland Regional Center Emergency Preparedness and Response	Non HFRA, T3, T2	10/9/23 5:15 PM	
California Department of Developmental Services	North Los Angeles Regional Center Emergency Preparedness and Response	T3	10/9/23 5:15 PM	
California Department of Developmental Services	Office Assistant II Bilingual at Tehama County Department of Social Services (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM	



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
California Department of Developmental Services	Officer, Emergency Preparedness & Response Department of Developmental Services (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
California Department of Developmental Services	San Gabriel / Pomona Regional Center Emergency Preparedness and Response	Т3	10/9/23 5:15 PM
California Department of Developmental Services	San Gabriel/Pomona Regional Center Emergency Preparedness and Response	Т3	10/9/23 5:15 PM
California Department of Developmental Services	Senior Emergency Coordinator (Department of Developmental Services - Regional Center)	Non HFRA, T3, T2	10/9/23 5:15 PM
California Department of Developmental Services	South Central Los Angeles Emergency Preparedness and Response Regional Center	Т3	10/9/23 5:15 PM
California Department of Developmental Services	Tri-Counties Regional Center Emergency Preparedness and Response	Non HFRA, T3, T2	10/9/23 5:15 PM
California Department of Rehabilitation	Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
California Foundation of Independent Living Centers	Disability Disaster Manager Disability Disaster Access and Resources (DDAR) (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
California Foundation of Independent Living Centers	Executive Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
California Partnership for Inclusive Disaster Strategies	Deputy Director Independent Living and Community Access Division (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Assembly District 32	Assemblymember	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Assembly District 32	Field Representative	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Assembly District 40	District Office	Т3	10/9/23 5:15 PM



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

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Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
California State Assembly District 41	Deputy District Director	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Assembly District 41		Non HFRA, T3, T2	10/9/23 5:15 PM
California State Assembly District 45	District Office	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Assembly District 50	District Office	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Senate District 21	District Office	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Senate District 23	District Office	Non HFRA, T3, T2	10/9/23 5:15 PM
California State Senate District 25	District Office	Non HFRA, T3, T2	10/9/23 5:15 PM
Carbon Canyon Fire Safe Council	Fire Safe Council PSPS Contact	T3	10/9/23 5:15 PM
Center for Accessible Technology	Legal Counsel (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
Central Coast Community Energy	CCA Secondary Contact	Non HFRA, T3, T2	10/9/23 5:15 PM
Central Coast Community Energy	Manage of Customer Accounts and Services	Non HFRA, T3, T2	10/9/23 5:15 PM
Central Coast Community Energy	Manager of Energy Communications	Non HFRA, T3, T2	10/9/23 5:15 PM
Central Coast Community Energy		Non HFRA, T3, T2	10/9/23 5:15 PM
City of Santa Clarita Transit	Administrative Analyst	T3	10/9/23 5:15 PM



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SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
Community Environmental Council	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Corral Canyon Fire Safety Alliance	Corral Canyon FSC Team Email	T3	10/9/23 5:15 PM
County Welfare Directors Association	Director of Legislative Advocacy (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
County Welfare Directors Association	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Disability Action Center	Northern ILC Representative (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
Disability Community Resource Center	Deputy Director	Т3	10/9/23 5:15 PM
Disability Community Resource Center	Executive Director	Т3	10/9/23 5:15 PM
Disability Policy Consultant	Disability Policy Consultant (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
Disability Rights California (DRC)	Executive Director Managing Attorney (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
Disabled Resources Center, Inc.	Assistant Director	T3	10/9/23 5:15 PM
Disabled Resources Center, Inc.	Executive Director	T3	10/9/23 5:15 PM
Fontana	Chief of Police	Non HFRA, T3, T2	10/9/23 5:15 PM
Fontana	City Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Fontana	Deputy City Manager, Administrative Services	Non HFRA, T3, T2	10/9/23 5:15 PM
Fresno County	Emergency Management Specialist	Non HFRA, T3, T2	10/9/23 5:15 PM
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SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted				
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted	
Green Energy Solutions	Battery Loan Contractor	Non HFRA, T3, T2	10/10/23 11:44 AM	
Hispanic Access Foundation	President/CEO	Non HFRA, T3, T2	10/9/23 5:15 PM	
Horizon Hills Fire Safe Council	Fire Safe Council PSPS Contact	T3	10/9/23 5:15 PM	
ILC Santa Barbara & Ventura Counties	Emergency Preparedness Services Manager	Non HFRA, T3, T2	10/9/23 5:15 PM	
Independent Living Resource Center Inc	Program Director	Non HFRA, T3, T2	10/9/23 5:15 PM	
Independent Living Resource Center, Inc	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM	
L.A. County Metropolitan Transportation Authority (METRO)	Chief of Staff for Wiggins	Т3	10/9/23 5:15 PM	
LA County Fire Department	Assistant Chief, Division 5	T3	10/9/23 5:15 PM	
La Habra Heights Fire Watch / Fire Safe Council	Fire Safe Council PSPS Contact	Т3	10/9/23 5:15 PM	
Lakewood	Community Transportation Supervisor	T3	10/9/23 5:15 PM	
Los Angeles County	Asst. Fire Chief	T3	10/9/23 5:15 PM	
Los Angeles County	Cheif of Staff for Supervisor Barger	T3	10/9/23 5:15 PM	
Los Angeles County	Chief of Community and Marketing Services Division	T3	10/9/23 5:15 PM	
Los Angeles County	Chief of Staff, 3rd District	T3	10/9/23 5:15 PM	
Los Angeles County	Deputy	T3	10/9/23 5:15 PM	
Los Angeles County	Deputy Director	T3	10/9/23 5:15 PM	
Los Angeles County	Director, Office of Emergency Management	T3	10/9/23 5:15 PM	
Los Angeles County	Disabilities, Access and Functional Needs Coordinator	T3	10/9/23 5:15 PM	
Los Angeles County	Disaster Area Coordinator, Area B	T3	10/9/23 5:15 PM	
Los Angeles County	Disaster Area Coordinator, Area C	T3	10/9/23 5:15 PM	



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SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted

Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
os Angeles County	Disaster Area Coordinator, Area D	T3	10/9/23 5:15 PM
Los Angeles County	Disaster Area Coordinator, Area G	T3	10/9/23 5:15 PM
Los Angeles County	Disaster Area Coordinator, Area H	T3	10/9/23 5:15 PM
Los Angeles County	Disaster Management Area Coordinator, Area E	T3	10/9/23 5:15 PM
Los Angeles County	Disaster Services Analyst	T3	10/9/23 5:15 PM
Los Angeles County	Division Manager	T3	10/9/23 5:15 PM
Los Angeles County	DOC Director	T3	10/9/23 5:15 PM
os Angeles County	Duty Officer	T3	10/9/23 5:15 PM
Los Angeles County	Emergency Prepardness Offcer	T3	10/9/23 5:15 PM
Los Angeles County	Emergency Services Coordinator, Area A	T3	10/9/23 5:15 PM
os Angeles County	Field Deputy	T3	10/9/23 5:15 PM
os Angeles County	Fire Captain	T3	10/9/23 5:15 PM
os Angeles County	LA County Sheriff Captain - Palmdale	T3	10/9/23 5:15 PM
os Angeles County	Office of OEM/EOC	T3	10/9/23 5:15 PM
Los Angeles County	Planning Deputy	T3	10/9/23 5:15 PM
Los Angeles County	Senior Deputy, Supervisor Kathryn Barger	T3	10/9/23 5:15 PM
os Angeles County		T3	10/9/23 5:15 PM
_ytle Creek		T3	10/9/23 5:15 PM
Malibu Lake Fire Safe Council	Fire Safe Council PSPS Contact	T3	10/9/23 5:15 PM
Mountain Rim FSC	Fire Safe Council PSPS Contact	T3	10/9/23 5:15 PM
Pomona Choice Energy	CCA Primary Contact	T3	10/9/23 5:15 PM
Reach Out Morongo Basin	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Redondo Beach	Management Analyst	T3	10/9/23 5:15 PM
Redondo Beach	Transit Manager	T3	10/9/23 5:15 PM
Rialto	Building Official	Non HFRA, T3, T2	10/9/23 5:15 PM

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SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
Rialto	Captain	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	City Engineer	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Councilmember	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Deputy City Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Deputy Clerk	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Director of Maintenance and Facilities	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Executive Assistant to the City Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Fire Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Fire Prevention Specialist	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Mayor	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Mayor Pro Tem	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Police Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
Rialto	Public Works Assistance	Non HFRA, T3, T2	10/9/23 5:15 PM



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SECTION 06: Local and State Public Safety Partner Engagement

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Public Safety Partners Cont Jurisdiction / Organization	Title	HFTD Tier	Date/Time
	Thic	THE TIES	Contacted
Rolling Star Center for Independent Living	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Rolling Start Center for Independent Living	Emergency Manager/PSPS Coordinator	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Acting Assist. Chief of Police	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Acting Chief of Police	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Assistant Chief, Division 2	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Associate Planner	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Chief of Police	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Chief of Staff for Councilman Alexander	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	City Clerk	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	City Engineer / Public Works Director	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Council Member	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Councilmember	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Council's Office	Non HFRA, T3, T2	10/9/23 5:15 PM



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SECTION 06: Local and State Public Safety Partner Engagement

Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
San Bernardino	Executive Assistant	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Government Affairs	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Lietuenant (Executive Officer)	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Lieutenant	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Lieutenant (Eastern District Command)	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Lieutenant (Northern District Command)	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Lieutenant/Patrol Watch Commander	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Mayor	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Mayor Pro Tempore	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Neighborhood and Customer Services Operations Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Police Chief - CSUSB	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Public Information Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Public Works, Permitting	Non HFRA, T3, T2	10/9/23 5:15 PM



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Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
San Bernardino	Sergeant	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino	Sergeant (Community Affairs)	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Assistant Chief Information Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Assistant Director Public Health	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Assistant Director Special Districts	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Captain/SBSD Emergency Services	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Chief Information Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Corporal - Public Affairs Division Sheriff's Dept	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Chief of Administration	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Chief of Operations	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Chief of Staff Supervisor Rowe	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Director Operations	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Director Solid Waste	Non HFRA, T3, T2	10/9/23 5:15 PM



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SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
San Bernardino County	Deputy Executive Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Fire Chief Operations	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Fire Marshal	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Deputy Public Works Director	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Director	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Director of Real Estate Services Department	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Director Public Health	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Dispatch for Fac. Management	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Dispatch Supervisor	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	District Director	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	District Representative / 2nd District	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Division Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Division Chief - Flood Control Engineering	Non HFRA, T3, T2	10/9/23 5:15 PM



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Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
San Bernardino County	Division Manager, Water and Sanitation	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Emergency Services Coordinator / SBSD Emer Operations	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Emergency Services Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	EMS Agency Duty Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Engineering Construction	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Executive Admin Assistant	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Fire Chief/Fire Warden	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Fire Marshal	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Fire Prevention Specialist	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Flood Control Engineering Mgr/Div Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Interim Division Chief- EHS	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Interim Emergency Services Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Lead Utility Coordinator	Non HFRA, T3, T2	10/9/23 5:15 PM



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SECTION 06: Local and State Public Safety Partner Engagement

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Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
San Bernardino County	Manager - Real Estate Services	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Operations	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Parks Operations Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Planning Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Public Health Duty Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Public Health Program Mananger	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Public Information Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Public Works Director	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	R/W Section Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Senior Planner	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Special Projects Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Strategic Projects Director - COVID	Non HFRA, T3, T2	10/9/23 5:15 PM
San Bernardino County	Supervising Emergency Services Officer	Non HFRA, T3, T2	10/9/23 5:15 PM



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Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
Santa Barbara	Acting Street Operations and Infrastructure Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Acting Sustainability & Resilience Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Acting Sustainability and Resilience Co-Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Airport Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Bilingual Outreach Coordinator	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Captain	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	City Administrator / Clerk / Treasurer	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	City Attorney	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	City Clerk Services Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	City Engineer/Acting Airport Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Councilmember	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Councilmember, Mayor Pro Tempore	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Emergency Services Manager	Non HFRA, T3, T2	10/9/23 5:15 PM



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Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
Santa Barbara	Executive Assistant City of Santa Barbara, Public Safety - Fire	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Fire Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Fire Operations Division Chief	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Principal Engineer	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Public Works Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara	Waterfront Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara Bucket Brigade	Group Email - PSPS Contact	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara Clean Energy	Acting Sustainability & Resilience Director	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara Clean Energy	CCA Secondary Contact	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara Clean Energy	Energy and Climate Manager, Sustainability and Resilience	Non HFRA, T3, T2	10/10/23 11:44 AM
Santa Barbara County	Director, Office of Emergency Management	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara County	Duty Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara County	OEM Staff	Non HFRA, T3, T2	10/9/23 5:15 PM



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Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
Santa Barbara County Fire Safe Council	Fire Safe Council PSPS Contact	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara Metropolitan Transit District	Chief Operating Officer	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Barbara Metropolitan Transit District	Planning and Marketing Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Santa Clarita	Assistant City Engineer	T3	10/9/23 5:15 PM
Santa Clarita	Community Services Liaison, Los Angeles County Fire Department Division III	Т3	10/9/23 5:15 PM
Santa Clarita	Emergency Operations Analyst	T3	10/9/23 5:15 PM
Santa Clarita	General Services Manager	T3	10/9/23 5:15 PM
Santa Clarita	Intergovernmental Relations Analyst	T3	10/9/23 5:15 PM
Santa Clarita	Management Analyst	T3	10/9/23 5:15 PM
Santa Clarita	PIO, Santa Clarita Sheriff's Station	T3	10/9/23 5:15 PM
Santa Clarita	Public Works Director	T3	10/9/23 5:15 PM
Santa Clarita	Sheriff Captain, Santa Clarita	T3	10/9/23 5:15 PM
Santa Clarita	Traffic Engineer	T3	10/9/23 5:15 PM
Service Center for Independent Life	Emergency Management Coordinator	Non HFRA, T3, T2	10/9/23 5:15 PM
Service Center for Independent Life	Executive Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
State Council on Development Disabilities	Executive Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
State Council on Development Disabilities	Legal Counsel (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
Temple City	Public Safety Supervisor	T3	10/9/23 5:15 PM



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Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD Tier	Date/Time Contacted
The Arc of California	Administrative Assistant (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
The Arc of California	Public Policy Director (member of Statewide AFN Council)	Non HFRA, T3, T2	10/9/23 5:15 PM
The partnership for Resilient Communities	Executive Director	Non HFRA, T3, T2	10/9/23 5:15 PM
The Salvation Army	Deputy Director for Preparedness	Non HFRA, T3, T2	10/9/23 5:15 PM
The Salvation Army	Emergency Manager/PSPS Coordinator	Non HFRA, T3, T2	10/9/23 5:15 PM
Unite to Light	President	Non HFRA, T3, T2	10/9/23 5:15 PM
United States Congress District 20	District Administrator	Non HFRA, T3, T2	10/9/23 5:15 PM
United States Congress District 20	Field Representative, Tulare County	Non HFRA, T3, T2	10/9/23 5:15 PM
United States Congress District 27	Congressman	T3	10/9/23 5:15 PM
United States Congress District 28	District Office	Non HFRA, T3, T2	10/9/23 5:15 PM
Upland	Emergency Manager	Non HFRA, T3, T2	10/9/23 5:15 PM
Wrightwood FSC	Fire Safe Council PSPS Contact	T3	10/9/23 5:15 PM
AIR TOUCH CELLULAR		Non HFRA, T3, T2	10/9/23 4:35 PM
AT&T		T3	10/9/23 4:35 PM
AT&T CORPORATION		Non HFRA, T3, T2	10/9/23 4:35 PM
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October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted Date/Time **Jurisdiction / Organization Title HFTD Tier Contacted** Non HFRA, T3, T2 AT&T WIRELESS SERVICES 10/9/23 4:35 PM **CHARTER COMMUNICATIONS** 10/9/23 4:35 PM T3 T3, T2 10/9/23 4:35 PM CHARTER COMMUNICATIONS INC CHARTER/SPECTRUM CABLE T3 10/9/23 4:35 PM Non HFRA, T3, T2 10/9/23 4:35 PM **COMMUNITY RADIO** 10/9/23 4:35 PM COX CALIFORNIA PCS Non HFRA, T3, T2 Non HFRA, T3, T2 10/9/23 4:35 PM COX COMMUNICATIONS CALIF, LLC **CROWN CASTLE** Non HFRA, T3, T2 10/9/23 4:35 PM Non HFRA, T3, T2 10/9/23 4:35 PM CROWN CASTLE NG WEST LLC Non HFRA, T3, T2 10/9/23 4:35 PM **DEVORE WATER COMPANY** 10/9/23 4:35 PM **DWR - STATE WATER PROJECTS** T3, T2 10/9/23 4:35 PM **ELECTRIC LIGHT WAVE** T3 Non HFRA, T3, T2 10/9/23 4:35 PM **FONTANA UNION WATER** Non HFRA, T3, T2 10/9/23 4:35 PM FRONTIER COMMUNICATIONS CORP T3 **GLOBAL SIGNAL INC** 10/9/23 4:35 PM T3 10/9/23 4:35 PM LOS ANGELES COUNTY PUBLIC WORK



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted Date/Time **Jurisdiction / Organization Title HFTD Tier Contacted** Non HFRA, T3, T2 10/9/23 4:35 PM LYTLE SPRINGS WATER CO T3, T2 10/9/23 4:35 PM METROPOLITAN WATER DISTRICT Non HFRA, T3, T2 10/9/23 4:35 PM MONTECITO WATER DISTRICT PACIFIC BELL CORP T3 10/9/23 4:35 PM 10/9/23 4:35 PM RINCON BROADCASTING LLC Non HFRA, T3, T2 T3 10/9/23 4:35 PM **ROWLAND WATER DISTRICT** T3, T2 10/9/23 4:35 PM SAN BERNARDINO VALLEY MWD Non HFRA, T3, T2 10/9/23 4:35 PM SAN BERNARDINO WATER DEPT SAN BERNARDINO, COUNTY OF Non HFRA, T3, T2 10/9/23 4:35 PM 10/9/23 4:35 PM SAN GABRIEL VALLEY WATER CO Non HFRA, T3, T2 Non HFRA, T3, T2 SANTA BARBARA, CITY OF 10/9/23 4:35 PM T3 10/9/23 4:35 PM SANTA CLARITA, CITY OF SPRINT NEXTEL CORPORATION T3 10/9/23 4:35 PM T MOBILE WEST, LLC Non HFRA, T3, T2 10/9/23 4:35 PM 10/9/23 4:35 PM TIME WARNER CABLE Non HFRA, T3, T2 T3 TIME WARNER COMMUNICATIONS 10/9/23 4:35 PM



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted Jurisdiction / Organization Title HFTD Tier Date/Time Contacted VERIZON WIRELESS Non HFRA, T3, T2 10/9/23 4:35 PM WEST VALLEY WATER DIST Non HFRA, T3, T2 10/9/23 4:35 PM

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October 09, 2023 to October 12, 2023

Entities Invited to SCE Emergency Operations Center			
Entity	Туре		
Cal Fire	Public Safety Partners		
California Governor's Office of Emergemcy Services (CalOES)	Public Safety Partners		
California Health and Human Services (CHHS)	Public Safety Partners		
California Public Utilities Commission (CPUC)	Public Safety Partners		
CalOES Warning Center	Public Safety Partners		
Energy Safety	Public Safety Partners		
Los Angeles County	Public Safety Partners		
San Bernardino County	Public Safety Partners		
Santa Barbara County	Public Safety Partners		
AIR TOUCH CELLULAR	Critical Infrastructure Customer		
AT&T	Critical Infrastructure Customer		
AT&T CORPORATION	Critical Infrastructure Customer		
AT&T WIRELESS SERVICES	Critical Infrastructure Customer		
CHARTER COMMUNICATIONS	Critical Infrastructure Customer		
CHARTER COMMUNICATIONS INC	Critical Infrastructure Customer		
CHARTER/SPECTRUM CABLE	Critical Infrastructure Customer		
COMMUNITY RADIO	Critical Infrastructure Customer		
COX CALIFORNIA PCS	Critical Infrastructure Customer		
COX COMMUNICATIONS CALIF, LLC	Critical Infrastructure Customer		
CROWN CASTLE	Critical Infrastructure Customer		
DWR - STATE WATER PROJECTS	Critical Infrastructure Customer		
ELECTRIC LIGHT WAVE	Critical Infrastructure Customer		
FONTANA UNION WATER	Critical Infrastructure Customer		
FRONTIER COMMUNICATIONS CORP	Critical Infrastructure Customer		
GLOBAL SIGNAL INC	Critical Infrastructure Customer		
IVYDENE MUT WTR CO	Critical Infrastructure Customer		



October 09, 2023 to October 12, 2023

SECTION 06: Local and State Public Safety Partner Engagement

Entities Invited to SCE Emergency Operations Center			
Entity	Туре		
LOS ANGELES COUNTY PUBLIC WORK	Critical Infrastructure Customer		
LYTLE SPRINGS WATER CO	Critical Infrastructure Customer		
METROPOLITAN WATER DISTRICT	Critical Infrastructure Customer		
MONTECITO WATER DISTRICT	Critical Infrastructure Customer		
PACIFIC BELL CORP	Critical Infrastructure Customer		
RINCON BROADCASTING LLC	Critical Infrastructure Customer		
RIVN RCK MUT WTR CO	Critical Infrastructure Customer		
ROWLAND WATER DISTRICT	Critical Infrastructure Customer		
SAN BERNARDINO VALLEY MWD	Critical Infrastructure Customer		
SAN BERNARDINO WATER DEPT	Critical Infrastructure Customer		
SAN BERNARDINO, COUNTY OF	Critical Infrastructure Customer		
SAN GABRIEL VALLEY WATER CO	Critical Infrastructure Customer		
SANTA BARBARA, CITY OF	Critical Infrastructure Customer		
SANTA CLARITA, CITY OF	Critical Infrastructure Customer		
SPRINT NEXTEL CORPORATION	Critical Infrastructure Customer		
T MOBILE WEST, LLC	Critical Infrastructure Customer		
TIME WARNER CABLE	Critical Infrastructure Customer		
TIME WARNER COMMUNICATIONS	Critical Infrastructure Customer		
VERIZON WIRELESS	Critical Infrastructure Customer		
WEST VALLEY WATER DIST	Critical Infrastructure Customer		

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October 09, 2023 to October 12, 2023

SECTION 07: Complaints and Claims

Count and Nature of Complaints Received	
Nature of Complaints	Number of Complaints
PSPS Frequency/Duration Including, but not limited to complaints regarding the frequency and/or duration of PSPS events, Including delays in restoring power, scope of PSPS and dynamic of weather conditions.	0
Safety/Health Concern Including, but not limited to complaints regarding difficulties experienced by AFN/MBL populations, traffic accidents due to non-operating traffic lights, inability to get medical help, well water or access to clean water, inability to keep property cool/warm during outage raising health concern	2
Communications/Notifications Including, but not limited to complaints regarding lack of notice, excessive notices, confusing notice, false alarm notice, problems with getting up-to-date information, inaccurate information provided, not being able to get information in the prevalent languages and/or information accessibility, complaints about website, Public Safety Partner Portal, REST/DAM sites (as applicable)	2
Outreach/Assistance Including, but not limited to complaints regarding community resource centers, community crew vehicles, backup power, hotel vouchers, other assistance provided by utility to mitigate impact of PSPS	0
General PSPS Dissatisfaction/Other Including, but not limited to complaints about being without power during PSPS event and related hardships such as food loss, income loss, inability to work/attend school, plus any PSPS-related complaints that do not fall into any other category.	3
Total	7

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[10 09, 2023 to 10 12, 2023]

SECTION 09: Community Resource Centers

Community Resource Centers Hours of Number of Operations¹ **Address Location Type** Describe the assistance available Visitors (Date / Time) **Acton Community Center** CRC Small portable device charging (such as a cell phone, laptop, 10/12/23 0 3748 Nickels Ave and small medical devices), seasonal heating and cooling, ice 8AM - 1:30PM Acton. CA 93510 vouchers or ice, water, snacks, blankets, and wood as needed, and customer resiliency kits Small portable device charging (such as a cell phone, laptop, 10/12/23 2 Cal State San Bernardino University **CCV** and small medical devices), seasonal heating and cooling, ice 5500 University Parkway, Parking Lot D 8AM - 1:30PM San Bernardino, CA 92407 vouchers or ice, water, snacks, blankets, and wood as needed, and customer resiliency kits College of the Canyons CRC Small portable device charging (such as a cell phone, laptop, 10/12/23 4 8AM - 1:30PM 17200 Sierra Hwy, map, CCC2-202" and small medical devices), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and wood as Santa Clarita, CA 91351 needed, and customer resiliency kits Franklin Community Center CCV Small portable device charging (such as a cell phone, laptop, 10/11/23 73 1136 East Montecito St and small medical devices), seasonal heating and cooling, ice 2PM - 10PM Santa Barbara, CA 93103 vouchers or ice, water, snacks, blankets, and wood as needed, and customer resiliency kits

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Officer Verification

I am an officer of the applicant corporation herein and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

I declare under penalty of perjury that the foregoing is true and correct. Executed this 26^{th} day of October 2023 in La Canada, California

Shinjini Menon

Shinjini Manon

Vice President,

Asset Management & Wildfire Safety