#### **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.

Rulemaking 18-12-005

## <u>SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) PUBLIC SAFETY</u> <u>POWER SHUTOFF POST-EVENT REPORT FOR OCTOBER 11, 2021 DE-</u> <u>ENERGIZATION EVENT</u>

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Dated: October 29, 2021

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In compliance with California Public Utilities Commission (CPUC) 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 (Attachment A hereto). CPUC Executive Director Rachel Peterson approved SCE's request to extend the October 26, 2021 deadline for this PSPS Post-Event Report until October 29, 2021. 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: https://library.sce.com/?10000\_group.propertyvalues.property=jcr%3Acontent%2Fmetadata%2F cq%3Atags&10000\_group.propertyvalues.operation=equals&10000\_group.propertyvalues.0\_val ues=sce-document-library%3APSPS-Reports-to-the-CPUC%2FEvent-Reporting%2F2021 Respectfully submitted,

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October 29, 2021

Attachment A

SCE's PSPS Post-Event Report



Diana S. Gallegos State Regulatory Relations <u>diana.gallegos@sce.com</u>

October 26, 2021

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 8 to October 12, 2021

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 proactive de-energization event that was initiated on October 8, 2021, and fully restored on October 12, 2021.

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: Viana S. Gallegos

Diana S. Gallegos Director, State Regulatory Relations

cc: ESRB ComplianceFilings@cpuc.ca.gov

Southern California Edison Public Safety Power Shutoff (PSPS) Post-Event Report October 11, 2021

Filed with: The California Public Utilities Commission Submitted to: Director of the Safety and Enforcement Division Dated: October 29, 2021

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## Introduction<sup>1</sup>

SCE submits this post-event report to address the de-energization event that started on October 11<sup>th</sup>, 2021, at 3:09 pm and ended on October 12<sup>th</sup> at 2:30 pm in Los Angeles County, and to demonstrate its compliance with the directives of Resolution ESRB-8 and the requirements imposed by California Public Utilities Commission (CPUC or Commission) PSPS Order to 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). SCE de-energized 40 customers during this event. This report explains SCE's decision to call, sustain, and conclude the de-energization event, and provides detailed information to facilitate the Commission's evaluation of SCE's compliance with applicable PSPS guidelines.

SCE appreciates 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.

<sup>&</sup>lt;sup>1</sup> On October 18, 2021, at 4:16 pm, Administrative Law Judges Regina DeAngelis and Valerie Kao issued, by e-mail ruling, the Safety and Enforcement Division's (SED) final post-event reporting template, directing the IOUs to "rely on this template for future reporting." SCE appreciates SED's consideration of and responsiveness to its comments on the draft version of the template, and the flexibility afforded to cross-reference rather than repeat certain required information. The final reporting template included new reporting requirements not reflected in the draft version, as well as structural modifications, and clarifications of certain terminology such as "hazards." SCE was already in the process of preparing three PSPS post-event reports when the final template was issued. Given the short implementation window, SCE has endeavored to update its forthcoming post-event reports to the extent possible to adhere to SED's final template. However, in view of the fast-approaching report filing deadlines and because some of the newly required information will not be available within 10 business days of the PSPS event, this report may differ in some ways from the final template. SCE has included explanatory notes for any such instances. SCE requested, and CPUC's Executive Director approved, a three-day extension (from October 26<sup>th</sup> to October 29<sup>th</sup>, 2021) to file this 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 have been restored.

On October 11<sup>th</sup>, 2021, SCE's meteorologists identified the potential for fire weather conditions in localized portions of Los Angeles and Ventura County. A rapidly descending storm system was expected to reach the Southwest and Southern California on October 11<sup>th</sup> and remain through October 12<sup>th</sup>, resulting in much cooler temperatures but also bringing windy conditions. Peak winds were forecasted for October 11<sup>th</sup> in areas of Los Angeles and Ventura County over 4,500 feet elevation.

Given the potential for fire weather, SCE's meteorology and fire science experts maintained close communication with the Geographic Area Coordination Center (GACC) to evaluate the developing weather conditions. During this communication, the GACC indicated agreement with SCE's forecast. In response, SCE activated its PSPS Dedicated Incident Management Team (IMT) on October 8<sup>th</sup> at approximately 2:00 pm to manage this event. There were initially 20,816 customers in scope for potential deenergization during the period of concern for this event. Leveraging real-time weather station data, switching playbooks, live field observers, and sectionalizing devices, SCE reduced the number of impacted customers and ultimately only proactively deenergized 40 customers during this event on the Energy and Tuba circuits in Los Angeles County. Service to all customers was restored on October 12<sup>th</sup> at 2:30 pm.

2. A table including the maximum number of customers notified<sup>2</sup> 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.

<b>PSPS Even</b>	PSPS Event Summary										
Total Customers			De-energized				Nu				
PSPS Notified	De-energized	Cancelled	MBL Customers	Number of Counties	Number of Tribes	Critical Facilities and Infrastucture	De-energized	Circuits in	Distribution De-energized	Damage/ Hazard Count	
20,816	40	20,776	0	1	0	31	0	17	2	0	

<sup>&</sup>lt;sup>2</sup> 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, SCE sends an "All-Clear – Event Avoided" cancellation notification to impacted entities and customers who had been notified of a potential de-energization, 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 a de-energization until an "All Clear" declaration had been issued for all circuits in scope for the PSPS event. If conditions during a PSPS event do not support a decision to cancel or to remove from scope any of the notified customers before an "All Clear" declaration for all circuits in scope, the corresponding entries in Table 1: PSPS Event Summary, <u>Table 7: Notifications Timeline, and Table 9: Breakdown of Notification Failures</u> will state "Not Applicable" or "N/A."



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

## **Section 2. Decision-Making Process**

1. A table showing factors considered in the decision to shut-off powerfor each circuit de-energized, including sustained and gust wind speeds, temperature, humidity, and moisture in the vicinity of the de-energized circuits.<sup>3</sup>

Factors Considered in De-Energization											
Circuit	C		Sustained Wind Speed		Gust Wind Speed			Fire Potent (FP	Firecast		
De-energized	Segment	Threshold	De-energization Threshold	Actual	Threshold	De-energization Threshold	Actual	Threshold	Actual	Output Ratio	
Tuba	3	31 mph	31 mph	40.4 mph	46 mph	46 mph	50.8 mph	13	13.39	118.39916	
Energy	8, 9	31 mph	31 mph	31.6 mph	46 mph	46 mph	46.5 mph	12	12.36	273.74085	

Table 2: Factors Considered in De-Energization

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 speeds, low humidity, and dry fuels as the basis for PSPS decision-making as described in SCE's technical paper.<sup>4</sup> 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.

In 2021, based on an examination of 26 years of historical fire activity, SCE updated its Fire Potential Index<sup>5</sup> thresholds for all but one fire climate zone within our service area. Simultaneously, grid hardening efforts, including replacing bare wire with covered conductor, are reducing ignition risk and thereby allowing SCE to raise thresholds on many of the circuits most frequently impacted in 2019 and 2020.

All circuits have an activation threshold, defined by the 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.

<sup>&</sup>lt;sup>3</sup> SCE includes temperature, humidity, and moisture in its Fire Potential Index rating calculations as detailed in this section.

<sup>&</sup>lt;sup>4</sup> SCE's detailed technical paper, Quantitative and Qualitative Factors for PSPS Decision-Making, can be found at <u>https://energized.edison.com/psps-decision-making</u> and in Attachment C of this report.

<sup>&</sup>lt;sup>5</sup> The SCE Fire Potential Index (FPI),<sup>5</sup> is a tool that utilizes weather data to include temperature and humidity, fuel conditions, and vegetation moisture content to rate the daily fire potential across our service region. 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 and are categorized as normal (1-11), elevated (12-14) and extreme (15+). Historical FPI and state and federal fire data show that the most severe fires in terms of number of acres damaged occur at the higher levels of FPI.

- Energy release component (ERC)—"The available energy (BTU) per unit area (square foot) within the flaming front at the head of a fire ... reflects the contribution of all live and dead fuels to potential fire intensity."<sup>6</sup>
- 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."<sup>7</sup>

## Visual 1. Fire Potential Index Equation<sup>8</sup>



<sup>&</sup>lt;sup>6</sup>U.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.

<sup>&</sup>lt;sup>7</sup> 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.

<sup>&</sup>lt;sup>8</sup> 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.<sup>9</sup> Exceptions in which the FPI threshold will continue to be set at 12 include:

- 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.<sup>10</sup>

### 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

<sup>&</sup>lt;sup>9</sup> 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.

<sup>&</sup>lt;sup>10</sup> SCE's 2021 Wildfire Mitigation Plan Update dated February 5, 2021.

<sup>&</sup>lt;sup>11</sup> Based on back cast FPI calculation.

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.

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.





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 National Weather Service high wind warning level for windspeeds at which infrastructure damage may occur.

Thresholds for this PSPS event were set as follows:

- FPI threshold ratings ranged from 12 to 13 in the areas of concern.
- Wind speed thresholds for monitoring circuits in scope were 31 MPH sustained and 46 MPH gust.
- De-energization thresholds for circuits in scope varied for each circuit, as detailed in Table 2.

Forecasted weather parameters for this event were as follows:

- A rapidly descending storm system was expected to reach the Southwest and Southern California on October 11<sup>th</sup> and remain through October 12<sup>th</sup>, resulting in much cooler temperatures along with windy conditions. Peak winds were forecasted for October 11<sup>th</sup> in areas of Los Angeles and Ventura County over 4,500 feet elevation.
- 3. A thorough and detailed description of the quantitative and qualitative factors it 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 de-energization event.

SCE's PSPS decisions are based on quantitative analyses, while accounting for qualitative factors such as societal and emergency management impacts. SCE makes PSPS decisions predominantly at the distribution grid level. The decision to de-energize customers during this PSPS event was based on considering and weighing the quantitative and qualitative factors detailed below.

- Coordination with the Geographical Coordination Center (GACC)<sup>12</sup> 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 in portions of Los Angeles and Ventura County.
- Ongoing assessments before the period of concern from SCE's in-house meteorologists using high-resolution weather models to determine the potential circuits in scope for the PSPS event. Real time weather data from SCE and publicly available weather stations during the period of concern to inform de-energization decisions.
- Fire spread modeling to confirm areas having the greatest potential for significant fire activity. Results of this modeling identified the potential for fire in the 5,000-thousand-acre range in the areas of concern during the period of concern.
- Relative humidity levels. Relative humidity levels in the areas of concern for this PSPS event ranged from 21% to 22%.
- Actual weather parameters for this PSPS event, including wind speeds and Fire Potential Index ratings for the circuits in scope relative to the preset thresholds for this event. Deenergization thresholds were reached or exceeded for the Tuba and Energy circuits during this event.
- National Weather Service-issued watches and warnings for areas of concern in the SCE service Territory. There were High Wind Advisories in effect for all areas of concern during this PSPS event.

<sup>&</sup>lt;sup>12</sup> 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.

SCE considered the following factors when deciding to conclude this de-energization event.

- Improving weather modeling for the areas of concern. SCE's meteorologists indicated elevated fire weather would continue to abate throughout the day on October 12<sup>th</sup> due to decreasing wind speeds and increasing humidity levels in the forecast.
- Current status of National Weather Service Watches and Warnings. High Wind Warnings expired on the morning of October 12<sup>th</sup> with any remaining wind advisories expiring in the early afternoon.
- Observed relative humidity levels. An increase in relative humidity levels on the morning of October 12<sup>th</sup> contributed to lower FPI ratings for the areas of concern.
- Observed wind speeds and FPI Ratings. Wind and FPI ratings no longer met de-energization threshold criteria as of October 12<sup>th</sup> at 9 am.
- 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 de-energizing. 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.

For each de-energization event, 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, using its PSPS In-Event Risk Comparison Tool.<sup>13</sup> 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 on the Incident Commander Dashboard 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 FireCast<sup>14</sup> modeling) for potential ignitions based on dynamic, in-event weather and wind conditions in proximity to the circuits in

<sup>13</sup> SCE will continue to refine the In-Event PSPS Risk Comparison Tool based on real-time experience, additional data, and ongoing benchmarking with other IOUs. Estimates and assumptions described herein are based on risk models reflecting current industry best practices and are subject to being updated as the modeling improves.

<sup>&</sup>lt;sup>14</sup> 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

scope for de-energization. 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.

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 post-event reports. <sup>15</sup> 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 de- energization 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	SCE conservatively assumes \$250 <sup>17</sup> 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,

associated with electric utility assets over a 3-day horizon based on expected short-term weather conditions. <sup>15</sup> 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.

Risk Attribute	Wildfire Consequences	PSPS Consequences
	acres, SCE uses assumed costs of suppression and restoration. <sup>16</sup>	food spoilage, cost of alternative accommodations, and 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.<sup>18</sup> 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.

<sup>17</sup> 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 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.
<sup>16</sup> See SCE 2018 Risk Assessment Mitigation Phase (RAMP) (I.18-11-006) Workpapers, Chapter 10.

<sup>18</sup> 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.

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

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 (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.

PSPS Risk vs	. Benefit	Comparis	son Tool							
Circuit	All Customers	Population	AFN/NRCI Multiplier	24 Hour CMI (24 x 60)	Firecast Acres		Firecast Population	PSPS Risk (24 hr Impact- PSPS Model)	Wildfire Risk (24hr Impact- PSPS Model)	Firecast Output Ratio
PLATEAU	2395	7185	1.22	1440	4935.94	629	836	0.00050602	0.032473354	64.17
SAND CANYON	2183	6549	1.18	1440	6716.04	505	1634	0.00045994	0.03311575	72.00
BUCKHORN	2539	7617	1.12	1440	4599.76	758	1875	0.00053257	0.045083678	84.65
TUBA	1175	3525	1.23	1440	6831.58	275	2471	0.00024848	0.029419642	118.40
BIG ROCK	3159	9477	1.15	1440	4196.43	1510	2476	0.00066419	0.080213424	120.77
TRUMPET	2465	7395	1.22	1440	4598.09	1088	3441	0.00052066	0.069631064	133.74
REJADA	467	1401	1.06	1440	2630.92	376	478	0.00009751	0.019060462	195.47
RIDGE	370	1110	1.20	1440	9816.97	343	412	0.00007803	0.017773682	227.77
ENERGY	1638	4914	1.30	1440	5170.19	1747	3265	0.00034809	0.095286725	273.74
SHOVEL	724	2172	1.17	1440	4195.52	966	1071	0.00015238	0.047580842	312.26
RED BOX	29	87	1.26	1440	6795.59	58	6	0.00000614	0.002942282	478.90
GUITAR	260	780	1.20	1440	7420.46	582	3060	0.00005484	0.046030917	839.37
FROZEN	1	3	1.63	1440	3482.78	311	477	0.0000022	0.01637122	75240.39

Table 3: Risk vs. Benefit Comparison Tool

For this de-energization event, the results of the In-Event PSPS Risk Comparison Tool supported SCE's decision to de-energize, indicating that all circuits in scope for potential de-energization during this event<sup>19</sup> had a PSPS benefit/risk ratio greater than 1. Thus, the estimated benefit of PSPS outweighed the estimated risk of PSPS for this event.

5. Explanation of alternatives to de-energization considered and evaluation of each alternative.

<sup>&</sup>lt;sup>19</sup> 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 Risk/Benefit Comparison Tool are among many quantitative and qualitative factors considered by SCE in its PSPS decision-making process. Although the ratios shown for the thirteen circuits in scope supported de-energization, SCE ultimately partially de-energized only two of these thirteen circuits by employing other wildfire mitigation measures described in the report and/or by closely monitoring wind patterns and other FPI inputs to more accurately identify and target circuits or circuit segments where de-energization was necessary.

Ahead of the period of concern when fire weather that could potentially impact SCE's service territory is forecasted, SCE performs mitigations to minimize customer impacts, including enacting operating restrictions,<sup>20</sup> implementing fast curve settings<sup>21</sup> and performing switching operations where possible on circuits in scope for potential de-energization. SCE also pre-patrols circuits in scope and deploys field personnel to circuits at risk to monitor real-time weather and Fire Potential Index data. Once in the period of concern, SCE employs PSPS as a last resort measure only when it is necessary to protect public safety, and there are no other available alternatives to adequately mitigate identified wildfire risk. SCE only de-energizes those circuits and/or circuit sections where event-specific thresholds and de-energization triggers are being exceeded after exhausting all other alternatives.

During this event, SCE considered whether alternatives to de-energizing such as enabling fast curve relay settings and blocking of automatic circuit reclosers could reduce the risk of significant wildfire sufficiently to avoid de-energization. Given the weather forecast data, results from the in-event risk comparison tool, risks to customers and communities, and fire weather modeling information, SCE determined these measures alone did not sufficiently reduce the risk to public safety within the areas of concern in scope for PSPS, and that the use of PSPS to protect public safety against a significant wildfire could be necessary.

SCE enacted various measures to limit the scope of the event and to mitigate impacts to customers. SCE relied on real-time weather station data and information from live field observers monitoring prevailing environmental conditions, such as potential damage from wind gusts, airborne vegetation, or flying debris. Leveraging this information, SCE was able to limit the size and scope of customer impact by utilizing sectionalizing devices. Please see Sections 1-1 and 10-1 for further details. SCE further mitigated customer impacts by deploying one backup generator to a critical care customer on a circuit that was in scope for de-energization. SCE also transferred another critical care customer from a circuit that was in scope for de-energization to an adjacent non-impacted circuit.

<sup>&</sup>lt;sup>20</sup> SCE's System Operating Bulletin No. 322 includes restrictions to limit the potential for a spark to occur or mitigate the risk of an ignition such as limits to circuit switching, recloser operations, and requirements for personnel to be physically present when operating equipment and circuits subject to hot work restrictions.

<sup>&</sup>lt;sup>21</sup> Fast curve settings reduce fault energy 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 2021 Wildfire Mitigation Plan Update (Revised), initiative SH-6.

## 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 PSPS event began when SCE activated its Emergency Operations Center on October 11, 2021 and ended for all circuits in scope on October 12<sup>th</sup> at 2:30pm when all de-energized customers were restored. This event encompassed circuits in Los Angeles Counties. *See* Section 1-1 above for additional information.

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.

A zipped geodatabase file that includes all information in Section 3.3 is included with this filing.

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.

The following table details the specified information for each circuit de-energized during this PSPS event and has also been included in the required PSPS Event Data Workbook filed with this report.

- County
- De-energization date/time
- Restoration date/time
- "All Clear" declaration date/time<sup>22</sup>
- General Order (GO) 95, Rule 21.2-D Zone 1, Tier 2, or Tier 3classification or non-High Fire Threat District
- Total customers de-energized
- Residential customers de-energized
- Commercial/Industrial customers de-energized
- Medical Baseline (MBL) customers de-energized
- AFN other than MBL customers de-energized<sup>23</sup>

<sup>&</sup>lt;sup>22</sup> SCE understands the term "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 a de-energized circuit or circuit segment, or (2) a final decision to remove from scope (and not de-energize) a circuit or circuit segment included on the monitored circuit list after the period of concern is over for that circuit or segment.

<sup>&</sup>lt;sup>23</sup> The final post-event report template issued by SED on October 18, 2021, included for the first time a new requirement to provide a count of de-energized AFN customers other than customers enrolled in the MBL program. SCE maintains extensive data on customer populations that may be part of the Access and Functional Needs (AFN) community such as income-qualified customers enrolled in CARE and FERA programs and customers who receive Braille or large-font bills, that are included in the broad AFN definition referenced in CPUC decisions (*see, e.g.*, D.21-06-034 at pp. 104-105 n.255 quoting Gov. Code Sec. 8593.3(f)(1)). However, SCE does not currently have the capability to accurately identify within 10 business days of a PSPS event which of these customer groups had been impacted by a proactive de-energization. In addition, there may be significant overlap between AFN customer categories such as income-qualified, older adults (65+), and large font bill recipients. At this time SCE is able to report on impacted AFN customers who have self-

- Other Customers
- Distribution or transmission classification

### Table 4: Circuits De-Energized

<b>Circuits De</b>	-Energize	ed								
County	Circuit Name	Segment Number	De-energization Date	De-energization Time (2400)	All Clear Declaration Date	All Clear Declaration Time (2400)	Restoration Date	Restoration Time (2400)	HFTD Tier(s)	Distribution Transmissio Classificatio
Los Angeles	Tuba	3	10/11/21	1508	10/11/21	1925	10/12/21	1118	3	Distributior
Los Angeles	Energy	8	10/11/21	1727	10/11/21	2119	10/11/21	2308	3	Distribution
Los Angeles	Energy	9	10/11/21	1727	10/11/21	2119	10/12/21	1430	3	Distribution
Circuits De	-Energize	ed (cont.	)							
County	Circuit Name	Segment Number	Residential Customers De-energized	Commercial / Industrial Customers De-energized	Medical Baseline Customers De-energized	AFN other than MBL Customers De-energized	Total Customers De-energized	GO 95, Tier HFTD Tier(s) 1,2,3	Other Customers	
Los Angeles	Tuba	3	0	3	0	0	3	3	0	
Los Angeles	Energy	8, 9	6	31	0	0	37	3	0	

certified. as vulnerable (i.e., customers who have identified themselves as having a medical or other condition that could become life-threatening if electricity is disconnected, but who are not enrolled in SCE's MBL program). SCE can also identify impacted customers that provide shelter to the homeless population, as these entities are included among critical facilities and infrastructure. SCE will endeavor to provide more complete data on impacted AFN customers in its annual post-season report.

#### 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. SCE did not identify any wind-related damage or hazards<sup>24</sup> to overhead powerline facilities in de-energized areas.

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.

N/A. SCE did not identify any wind-related damage or hazards to overhead powerline facilities in de-energized areas.

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. SCE did not identify any wind-related damage or hazards to overhead powerline facilities in de-energized areas.

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

N/A. SCE did not identify any wind-related damage or hazards to overhead powerline facilities in de-energized areas.

<sup>&</sup>lt;sup>24</sup> "Hazards are conditions discovered during restoration patrolling or operations that might have caused damaged or posed an electrical arcing or ignition risk had PSPS not been executed." SED Final Template, Oct. 18, 2021, at p. 3.

#### **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 community,<sup>25</sup> 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 in its PSPS notifications and classifies these agencies as critical facilities and infrastructure to ensure they receive priority notifications. All multi-family building SCE account holders receive customer notifications. In its customer notification, SCE directs potentially impacted customers to <u>www.sce.com/psps</u> 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 will also be made available with the targeted launch of a new PSPS webpage later this year. A description of the notice provided to public safety partners, local governments and Tribal Nations is provided below.

Notification Descriptions								
Type of Notification	Recipients	Description						
Initial	Local and Tribal governments and other stakeholders including CBOs serving the AFN population and Public Safety Partners	Initial Notification of Potential PSPS event when circuits are first identified for potential de-energization						
Imminent De-Energize	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Imminent De-Energize Notification of Expected Shutoff for PSPS Event						
De-Energized	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Shutoff Notice for PSPS Event						
Update	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Update Notice for PSPS Event						
Imminent Re-Energize	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Notification of Inspection for PSPS restoration.						
Re-Energized	Local and Tribal governments and other stakeholders including CBOs serving the	SCE Restoration Notice for PSPS Event						

Table 5: Notification Descriptions

<sup>&</sup>lt;sup>25</sup>SCE 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 recently 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.

Notification Descriptions								
Type of Notification	Recipients	Description						
	AFN population							
Event- Concluded- All Clear	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	PSPS Event Concluded - Power has been restored to all affected customers						
Initial Notification	Public Safety Partners (Water/Wastewater, Hospitals, Telco's,) Critical Infrastructure (Including paratransit), Customers	Initial Notification of Potential PSPS event when circuits are first identified for potential de-energization						
Update Notification	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure (including paratransit), customers	Update Notification on PSPS event						
PSPS Expected (Imminent Shutoff) (Warning)	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	Imminent De-Energize Notification of Expected Shutoff for PSPS Event						
De-Energized	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	De-energization occurs						
Continued Shutoff	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	When de-energization continues overnight, sent to customers the next morning						
Prepare to Restore (Statement)	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	Before Re-energization occurs						
PSPS All Clear - Event Avoided (Statement)	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	When circuits are no longer being considered for PSPS and were not de- energized						
PSPS Ended Restored & All Clear	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	When circuits were de-energized and have been restored and are no longer being monitored						
PSPS Temporarily Restored; NOT All Clear, PSPS Risk Remains	Public Safety Partners (Water/Wastewater, Hospitals, Telco's) Critical Infrastructure & Customers (including paratransit)	When circuit is temporarily restored but still at risk for PSPS (usually when there is a break in POC)						

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 in PSPS Phase 1 Guidelines (D.19-05-042), weather and other factors permitting.

Table 6: Notification Timeline in the attached data workbook describes the notifications SCE sent for this event, including approximate times of notifications sent to local/tribal governments, public safety partners, and customers prior to de-energization, at initiation, and immediately before and upon completion of re-energization in accordance with the minimum timelines set forth by the CPUC PSPS Phase 1 Guidelines (D.19-05-042).

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 numberof customers that need positive notifications, the utilities must explain the reason. In addition, the utilities must explain the reasonfrany unsuccessful positive notifications.

Positive Notification									
Category	Total Number of Customers	Timing Attempts	Notification Attempts	Successful Positive Notification	Who Made the Notification				
Medical Baseline <sup>1</sup>	531	Daily	531	531	CCE				
Self-Certify Vulnerable <sup>2</sup>	Not available	Daily	Not available	Not available	SCE				

Table 7: Positive Notification<sup>26</sup>

<sup>1</sup>SCE does not differentiate between Medical Baseline and Medical Baseline behind the Master Meter for purposes of notifications and both categories are included here <sup>2</sup>Data is not available as of the date of filing of the post event report and will be provided in the annual post season reports

4. 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 is attached hereto in Appendix, Attachment A. 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. SCE implemented the following additional languages on October 25, 2021: 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).

<sup>&</sup>lt;sup>26</sup> Successful positive notification includes secondary verification by Consumer Affairs and escalated contact attempts, up to and including door knocks, if necessary.

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

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 in PSPS Phase 1 Guidelines (D.19-05-042), weather and other factors permitting. Any notification failures during the event are included in the following table.

Breakdown of Notification Failures				
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation	
Public Safety Partners	Entities who did not received 48-72 advanced notification	3	Not forecasted in scope by 48 hours before de-energization	
	Entities who did not receive 1-4 hour imminent notification	3	Escalating weather conditions required de-energization earlier than anticipated, which resulted in notification being sent less than 1 hour before de-energization	
	Entities who did not receive any notifications before de- energization.	0	N/A	
	Entities who were not notified immediately before re-energization.	0	N/A	
	Entities who did not receive cancellation notification within two hours of the decision to cancel.	0	N/A	
Critical Facilities <sup>1</sup>	Facilities who did not receive 48-72 hour advance notification.	1	Not forecasted in scope by 48 hours before de-energization	
	Facilities who did not receive 1-4 hour of imminent notifications.	31	Escalating weather conditions required de-energization earlier than anticipated, which resulted in notification being sent less than 1 hour before de-energization	
	Facilities who did not receive any notifications before de- energization.	0	N/A	
	Facilities who were not notified at	0	N/A	

Table 8: Breakdown of Notification Failures

Breakdown of Notification Failures				
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation	
	de-energization initiation.			
	Facilities who were not notified immediately before re-energization.	0	N/A	
	Facilities who were not notified when re-energization is complete.	0	N/A	
	Facilities who did not receive cancellation notification within two hours of the decision to cancel.	0	N/A	
All Other Affected Customers	Customers who did not receive 24- 48 hour advance notifications.	3	Not forecasted in scope by 24 hours before de-energization	
	Customers who did not receive 1-4 hour imminent notifications.	3	Escalating weather conditions required de-energization earlier than anticipated, which resulted in notification being sent less than 1 hour before de-energization	
	Customers who did not receive any notifications before de- energization.	0	N/A	
	Customers who were not notified at de-energization initiation.	0	N/A	
	Customers who were not notified immediately before re-energization.	0	N/A	
	Customers who were not notified when re-energization is complete.	0	N/A	
	Customers who did not receive cancellation notification within two hours of the decision to cancel.	0	N/A	

<sup>1</sup>Some Critical facilities listed here, such as water, wastewater and communications service providers, are also Public Safety Partners but are not included in the section above.

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

SCE continues to make progress towards improving the accuracy and granularity of its weather and fuel modeling capabilities. These efforts will increase precision in notifications and will help to identify the scope and duration of de-energizations more accurately. More precise weather and fuels forecasts will address some of SCE's inherent challenges in capturing details in the timing and magnitude of predicted fire weather events. These improvements will collectively help to identify the scope of where, when, and how long potential de-energizations may occur more clearly, reducing the number of "short notice" and missed notifications. Despite these important improvements, there may still be instances where SCE is unable to meet all notification requirements due to sudden onset of unexpected weather given the differences in forecast to actual weather conditions.

7. Enumerate and explain the cause of any false communications citing the sources of changing data.

The SED template does not define "false communications." SCE is aware of the following instances during this PSPS event that may be perceived as "false communications."

Lack of notice/Insufficient notice/Failure to send cancellation notice:

• Refer to Table 8: Breakdown of Notification Failure in Section 5-5 above for specifics related to this topic.

Cancelled notifications:

• SCE utilized weather forecasts to determine potential circuits in scope for this PSPS event for the purposes of advance notification to customers. Once these in-scope circuits were identified, SCE further mitigated impacts to these customers as detailed in Section 10: Mitigation to Reduce Impact of this report, ultimately decreasing the final number of customers in scope for potential de-energization. There was a difference between the original scope and the final scope of this event given these mitigation measures, which resulted in SCE sending cancellation notices to 20,776 customers during this event. Incorrect Notification:

Incorrect Notification:

• SCE incorrectly notified customers and local governments on one circuit that they were restored when, in fact, only a portion of the circuit had been restored.

### 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 9: Public Safety Partners Contacted in the attached event data workbook for a list of local public safety partners that received notifications related to this 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 operations 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. 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. No agencies requested a seat in SCE's Emergency Operations Center for this PSPS event.

Entities Invited to SCE Emergency Operations Center			
Entity	Туре		
Cal Fire	Public Safety Partner		
California Governor's Office of Emergency Services (CalOES)	Public Safety Partner		
California Health and Human Services (CHHS)	Public Safety Partner		
California Public Utilities Commission (CPUC)	Public Safety Partner		
Energy Safety	Public Safety Partner		
Los Angeles County Duty Officer	Public Safety Partner		
Los Angeles County Fire Dept	Public Safety Partner		
Los Angeles County Sherriff	Public Safety Partner		
Ventura County Duty Officer	Public Safety Partner		
Ventura County Fire Dept	Public Safety Partner		
Ventura County Sherriff	Public Safety Partner		
AMERICAN TOWER CORPORATION	Critical Infrastructure		
AT&T WIRELESS SERVICES	Critical Infrastructure		
CALABASAS, CITY OF	Critical Infrastructure		
CALIFORNIA RESOURCES PROD CORP	Critical Infrastructure		
CHEVRON INDUSTRIES INC	Critical Infrastructure		
FILLMORE UNIFIED SCHOOL DIST	Critical Infrastructure		
GOLDEN STATE WATER COMPANY	Critical Infrastructure		

Table 10: Entities Invited to the Emergency Operations Center

Entities Invited to SCE Emergency Operations Center		
Entity	Туре	
LAS VIRGENES MUNICIPAL WTR DST	Critical Infrastructure	
LOS ANGELES COUNTY ISD	Critical Infrastructure	
METROPOLITAN WATER DISTRICT	Critical Infrastructure	
SANTA CLARITA VALLEY WTR AGNCY	Critical Infrastructure	
SULPHUR SPRINGS SCHOOL DIST	Critical Infrastructure	
T MOBILE USA	Critical Infrastructure	
VENTURA REGIONAL SANITATION DT	Critical Infrastructure	
VEOLIA NORTH AMERICA SERV INC	Critical Infrastructure	
VERIZON CALIFORNIA	Critical Infrastructure	
VERIZON WIRELESS	Critical Infrastructure	

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 accurate and timely 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 <u>www.sce.com/psps</u> and provided this information to public safety partners on its Public Safety Partner Portal (Portal). SCE is aware of and working to resolve a limitation the Portal has in which tabular format data does not match the graphical format. In addition, for this event, initial automated notifications indicating an event is active were not distributed right away. SCE worked with the vendor to manually trigger the notifications to public safety partners and fix the issue for future events.

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

SCE submitted the required CalOES Notification forms via the State Dashboard at 7 am and 3 pm as required, beginning on October 8<sup>th</sup> and continuing through October 12<sup>th</sup>; as well as when there were any applicable changes to scope.<sup>27</sup> SCE conducted daily operational briefings with State and local public safety partners and critical infrastructure providers to provide critical incident updates and a forum for resolving issues. Table 9: Public Safety Partners Contacted in the attached event data workbook provides a list of local public safety partners that received notifications related to this event.

<sup>&</sup>lt;sup>27</sup> SCE is required to notify CalOES when the following scope changes occur outside of the normal 7am and 3pm updates: more than +/- 25K customers de-energized, +/- any counties in scope, change in POC duration +/- a day or two.

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

SCE initially contacted representatives of local communities about the potential for this event beginning on October 8, 2021 and maintained contact with these local representatives for the duration of the event to address any emergent issues. SCE also conducted daily briefing calls with the following invited Community-Based Organizations (CBOs): Regional Centers, American Red Cross, Independent Living Centers, 211 CA Network, and other CBOs supporting wildfire and emergency preparedness marketing and outreach efforts.

- 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 20 mobile generators for use by critical facilities and infrastructure during PSPS events, as needed.

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 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 and infrastructure customers requested backup power; as such SCE did not deploy any backup generation to critical facility and infrastructure customers during this 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 power; as such SCE did not deploy any backup generation to critical facility and infrastructure customers during this 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 power; as such SCE did not deploy (and did not need to prioritize distribution of) any backup generation to critical facility and infrastructure customers during this event.

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

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

Critical facilities and infrastructure customers may contact SCE at the following e-mail address: <u>SCEBCDCustomersupport@sce.com</u> regarding the above-listed backup power topics.<sup>28</sup>

<sup>&</sup>lt;sup>28</sup> Although there is no designated contact person for questions, this e-mail inbox is monitored by SCE's Business Customer Division.

#### **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.

There were 11 reported complaints and zero claims associated with this PSPS event as detailed below. SCE will include any complaints or claims related to this PSPS event received after the filing of date of this report in its annual post-season report.

Nature of Complaints	
<b>PSPS Frequency/Duration</b> 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.	4
<b>Safety/Health Concern</b> 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
<b>Communications/Notifications</b> 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)	0
<b>Outreach/Assistance</b> 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
<b>General PSPS Dissatisfaction/Other</b> 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.	5
Total	11

#### **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.

On October 11<sup>th</sup>, 2021, SCE's real-time weather station data and forecast models were trending downward, with no indication of additional potential for dangerous fire weather conditions. Given this, the Incident Commander approved restoration operations and initiated full patrols of the de-energized portions of the Tuba and Energy circuits at approximately 7:25 pm and 9:19 pm, respectively. Once patrols were completed and the Tuba and Energy circuits were deemed safe to energize, SCE restored power to impacted customers on October 12<sup>th</sup> at 11:18 am on the Tuba circuit and at 2:30 pm on the Energy circuit.

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. All circuit segment(s) were restored within 24 hours.

## **Section 9. Community Resource Centers**

1. Using the following table, report information including the address of each location during a deenergization 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).

The Community Resource Center and Community Crew Vehicle locations below were equipped with the ability to charge a small portable device, appropriate seasonal environment (heating, cooling) for indoor CRCs; ice vouchers or ice, water, snacks, blankets, and customer resiliency kits (containing PSPS program information, mask, gloves, hand sanitizer, solar power phone battery charger or an LED light with built-in battery), and an emergency lightbulb. Customers are also able to charge medical devices, if necessary.

Community Resource Centers				
Address	Location Type	Describe the assistance available	Hours of Operations (Date / Time)	Number of Visitors
Simi Valley Senior Center -3900 Avenida Simi, Simi Valley	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-12PM	75
Fillmore Adult Community Center 533 Santa Clara Ave., Fillmore	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	70
Acton Community Center - 3748 Nickels St., Acton	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	5

### Table 12: Community Resource Centers
Community Resource Centers				
Address	Location Type	Describe the assistance available	Hours of Operations (Date / Time)	Number of Visitors
Residence Inn - 25320 The Old Rd., Stevenson Ranch	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	7
Calabasas City Hall - 100 Civic Center Way, Calabasas	Community Crew Vehicle (Outdoor)	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	11
Frazier Mountain Park - 3801 Park Dr., Frazier Park	zier Mountain k - 3801 Park Zier Wountain Zier Yier Yier Yier Yier Yier Yier Yier Y		10/11 - 10AM-10PM 10/12 - 8AM-10AM	150

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

SCE deviates from the CRC normal hours of operation of 8 am to 10pm during PSPS events, as applicable, to either track the period of concern more closely and provide appropriate customer support or when circuits had been re-energized and customer support is no longer necessary. These deviations are detailed in the table above.



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

### **Section 10. Mitigation to Reduce Impact**

Mitigation actions and impacts (both waterfall graph and map) 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

From October 8<sup>th</sup> to October 10<sup>th</sup>, ahead of the period of concern, SCE identified sectionalizing devices through pre-planned circuit switching playbooks to reduce the number of customers potentially in scope for PSPS. SCE transferred a portion of the Plateau 16kV circuit that was originally in scope for potential de-energization, relocating 740 customers including one (1) critical care customer to the adjacent Rhoda 16kV circuit. Using sectionalizing devices along with real-time weather station data and information from live field observers, SCE was able to minimize customer impact on the Tuba and Energy 16kV circuits to all but 40 customers ultimately de-energized during the period of concern. Additionally, SCE provided and temporarily installed a backup generator to one (1) critical care customer on the in-scope Trumpet 16kV circuit.<sup>29</sup> Please also see Sections 1-1 and 2-5 above (addressing reduction in impact from 20,816 customers in scope to 40 customers de-energized).

The below waterfall graph shows the impact of mitigation measures that had been implemented in prior to the PSPS event for the two partially de-energized circuits (Tuba and Energy). These mitigation measures included, among others, installing covered conductor on portions of Tuba and Energy circuits, and use of sectionalizing devices on Tuba and Energy circuits in combination with higher resolution situational awareness. Absent these mitigations and under the same weather conditions, it would have been necessary to de-energize approximately 2700 customers on the entire Tuba and Energy Circuits compared to 40 customers actually de-energized in this PSPS event.

<sup>&</sup>lt;sup>29</sup> Customers located on the Plateau 16 kV and Trumpet 16 kV circuits were ultimately not de-energized and are not included in the waterfall graph or map depicting the reductions to customer impacts.





### 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.

Table 13: Lessons Learned

Lessons Learned				
lssue	Discussion	Resolution		
SCE experienced some difficulties in coordinating with adjacent utilities to notify SCE "fringe" customers served by the adjacent utility.	There was difficulty in coordinating notifications to customers served by another utility during this event.	Further refine notification protocols between utilities to address the scenario of shared circuits and notifications.		
Customers may experience a momentary outage during PSPS events while manual switching actions are performed to minimize customer impact.	The process for issuing notifications to these customers is not well understood or fully developed.	Develop notification protocol and supporting procedures to address scenarios where a customer is momentarily de-energized pending manual switching action to minimize PSPS impacts.		
SCE partners with Community- Based Organizations (CBOs) during PSPS events to provide support for Medical Baseline customers (including Critical Care) who may be de- energized. This coordination is mainly during regular business hours. During this event, SCE triaged two escalated requests for support received from SCE's Consumer Affairs department after hours.	SCE identified an opportunity to collect after-hours contact(s) information from CBO partners to assist in identifying escalated support solutions.	Coordinate with external community partners to identify after hour contact(s) for addressing escalated support requests during events. Develop a protocol to intake and triage requests received after hours into the response structure when the liaison role is not activated into a night shift.		

### Section 12. Other Relevant Information

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

In its PSPS Action Plan filing submitted to the Commission on February 12, 2021, SCE committed to reporting metrics related to public safety partner engagement during PSPS events. SCE has instituted an engagement survey process to capture feedback from State and County public safety partners and critical infrastructure customers during PSPS events. SCE encourages these stakeholders to provide survey feedback in daily coordination calls and also emails links to the engagement survey once the event has concluded. Four participants completed SCE's engagement survey; of those four, all rated the engagement with SCE as positive as detailed in the tables below.

### Agency Type (Single Choice)

What type of agency do you represent?

		Total
	Total	4
1	Emergency Management	0%
2	Fire	0%
3	Law	0%
4	Local government	0%
5	State government	50%
6	Telecommunications	0%
7	Tribal government	0%
8	Waste-Water	0%
9	Water	0%
10	Other type of agency	50%

### **Overall Engagement Rating (Single Choice)**

How would you rate our overall engagement with you during this PSPS event?

By engagement we mean all our interactions with you (i.e., across all briefings, your SCE emergency management contact(s), and the SCE portal) and the information we shared with you during all those interactions.

*Total: 4 responses* 

		Total
	Total	4
1	Poor	0%
2	Fair	0%
3	Average	0%
4	Good	50%
5	Excellent	50%

SCE PSPS Post Event Report October 8 to October 12, 2021

### **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<sup>th</sup> day of October 2021 in Cerritos, California

—Docusigned by: Evik Takayusu

Erik Takayesu

Vice President,

Asset Strategy & Planning

SCE PSPS Post Event Report October 11, 2021

# Appendix

### Attachment A-Public Safety Partner and Customer Notification Scripts

### Initial (72-hour) LNO Notification

### **Description**:

Sent one time per county, preferably starting 72 hours in advance of a possible PSPS event, when possible, alerting contacts that our weather specialists forecast potential extreme weather ahead. Includes the Situational Awareness (SA) spreadsheet with information about weather event timing and circuits and locations that could be impacted. Sent to all impacted jurisdictions and other LNO contacts, grouped by county.

### Notification Subject Line and Message

### SCE Initial Notice for PSPS Event in COUNTY NAME on [start POC DATE].

**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 <u>sce.com/psps</u> will reflect this information today.

We have set up an incident management team for this event including in-house meteorologists, fire scientists, liaison and public information officers, and other technical staff.

**Recommended Language to Share with the Public**: *SCE is forecasting dangerous wind-driven fire conditions starting in the next three days and might need to shut off power during this time. For more information, visit <u>sce.com/PSPS</u>.* 

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a

weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### For More Information:

Public Safety Partner Portal (available June 1, 2021)

PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: sce.com/maps.

Weather conditions: <u>sce.com/fireweather</u>.

Post-PSPS reports: <u>sce.com/psps</u>.

REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com 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. 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: <u>sce.com/PSPS</u>

Non-PSPS outages: sce.com/outages

### <u>Updated Conditions (Update) Notification</u> Description:

Sent once daily after the Initial Notification to provide updates as the period of concern approaches. Includes the Situational Awareness (SA) spreadsheet with information about weather event timing and circuits and locations that could be/are impacted. Sent to all impacted jurisdictions, grouped by county. **Notification Subject Line and Message:** 

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

**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 updated if they are within two days of the period of concern, or if there has been a change to their status. The map on <u>sce.com/psps</u> 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 is forecasting dangerous wind-driven fire conditions and might need to shut off power. For more information, visit <u>sce.com/PSPS</u>.* 

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### **For More Information:**

<u>Public Safety Partner Portal</u> (available June 1, 2021) PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>. Weather conditions: <u>sce.com/fireweather</u>. Post-PSPS reports:<u>sce.com/psps</u>. REST service (web-based password-protected access to GIS layers), contact: <u>SCERestInfo@sce.com</u>

### 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. 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: <u>sce.com/outages</u>

### **Expected De-Energize Notification (previously: Imminent De-Energization)** Description:

Sent up to 4 hours in advance of expected power shut off, when possible, for specific circuit(s). No spreadsheet attachment, all content is on the body of the notification. Sent to all impacted jurisdictions. Note: as of 5/15/2021 we still don't have a way to eliminate duplicate notifications when a circuit crosses county lines – all jurisdictions are included with each notification sent for a circuit.

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: 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 <u>sce.com/psps</u>.

**Recommended Language to Share with the Public**: Due to current weather conditions increasing the risk of wildfires, SCE may shut off power on specific circuits within the next 4 hours to protect public safety. Visit <u>sce.com/PSPS</u> for more information about the shutoffs and SCE's available customer care options.

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### **For More Information:**

Public Safety Partner Portal (available June 1, 2021)

PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>.

Weather conditions: <u>sce.com/fireweather</u>.

Post-PSPS reports: <u>sce.com/psps</u>.

REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com SCE Contact Information for Public Officials only (Please DO NOT share with the public) First Responders and Emergency Managers:

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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. 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: <u>sce.com/outages</u>

### <u>Shutoff Notification (De-energization notification)</u>

### **Description**:

Sent after a PSPS power shut off has been authorized for specific circuit(s). No spreadsheet attachment, all content is on the body of the notification. In 2021 these no longer include the official date/time of the de-energization. Sent to all impacted jurisdictions, grouped by County.

Notification Subject Line and Message:

SCE Shutoff Notice for PSPS Event on [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: If entered in Pega Incorporated City of: [Incorporated City] Unincorporated County Area: [unincorporated area description] SCE is notifying customers who are being shut off. The map on sce.com/psps are being updated to reflect the current PSPS outages. Information about Community Resource Centers and Community Crew Vehicles is available at sce.com/psps.

When weather conditions improve, crews will inspect and repair the lines and restore power. Typically power is restored 3 to 8 hours after the end of the weather event.

**Recommended Language to Share with the Public**: Power has been shut off as part of public safety power shutoffs in our area. Please remember that all non-working traffic lights should be considered 4-way stop signs. Visit <u>sce.com/PSPS</u> for more information about the shutoffs and SCE's available customer care options. \_\_\_\_\_

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### **For More Information:**

Public Safety Partner Portal (available June 1, 2021)

PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>.

Weather conditions: <u>sce.com/fireweather</u>.

Post-PSPS reports: <u>sce.com/psps</u>.

REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com 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. 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: <u>sce.com/PSPS</u>

Non-PSPS outages: <u>sce.com/outages</u>

### Patrol and Inspection (formerly: imminent re-en)

### **Description**:

Sent once inspections are underway and with 1-hour advance notice of expected power restoration, when possible, for specific circuit(s). No spreadsheet attachment, all content is on the body of the notification. Sent to all impacted jurisdictions, grouped by County.

Notification Subject Line and Message:

SCE is inspecting [CIRCUIT NAME] Circuit in [COUNTY NAME] for PSPS restoration.

**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): if entered in Pega

Incorporated City: [incorporated city]

Unincorporated County Area: [unincorporated area description]

Typically, power is restored in 3-8 hours. Exceptions include circuits in remote areas and circuits that have sustained significant damage.

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

**Recommended Language to Share with the Public**: *SCE is inspecting its lines and, in most cases, will restore power within 3-8 hours. Exceptions include circuits in remote areas and circuits that have sustained significant damage. Please remember to treat all traffic lights that are out as 4-way stops. Visit <u>sce.com/PSPS</u> for more information.* 

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### For More Information:

Public Safety Partner Portal (available June 1, 2021) PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>. Weather conditions: <u>sce.com/fireweather</u>. Post-PSPS reports:<u>sce.com/psps</u>. REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com 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. 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: <u>sce.com/outages</u>

### **<u>Restore Notification (formerly: RE-ENERGIZE)</u>**

**Description**:

Sent after a PSPS re-energization has occurred for specific circuit(s). No spreadsheet attachment, all content is on the body of the notification. Sent to all impacted jurisdictions, grouped by County. **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): *if entered in Pega* 

Incorporated City: [incorporated city]

Unincorporated County Area: [unincorporated area description]

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

**Recommended Language to Share with the Public**: *SCE has restored power that was shut off during the PSPS event. Visit <u>sce.com/PSPS</u> for more information. If your power is out, visit sce.com/outages.* 

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### For More Information:

<u>Public Safety Partner Portal</u> (available June 1, 2021) PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>. Weather conditions: <u>sce.com/fireweather</u>. Post-PSPS reports:<u>sce.com/psps</u>. REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com

### 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. 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

### **Event Concluded Notification**

**Example 1:** Use when <u>ALL</u> circuits have been restored. If any remain off, use Example 2, below. Note: this is not a county-specific "all clear." The automation system figures out all the jurisdictions that were notified during a specific activation and sends to each of them a finaly event all-clear.. This is a single last activity performed at the end of the activation that includes all involved in the activation that the event is over. DO NOT send this notification while a PSPS activation is still in progress -- it will incorrectly tell ALL jurisdictions that the event is over!

Notification Subject Line and Message:

### SCE PSPS Event Concluded in [COUNTY NAME].

Public Safety Power Shutoff update notification for official use:

Power has been restored to all customers in [county name.] 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 <u>sce.com/outages</u> for more information.* 

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### **For More Information:**

<u>Public Safety Partner Portal</u> (available June 1, 2021) PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>. Weather conditions: <u>sce.com/fireweather</u>. Post-PSPS reports:<u>sce.com/psps</u>. REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com

### 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. 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: sce.com/pspsalerts.

**Example 2:** Use when <u>most</u> circuits have been restored but one or more circuit remains deenergized. Note: this is not a county-specific "all clear." When the POC has passed but some circuits remain out, most typically because of 1) delays in patrol (for example requiring air-ops), 2) significant repairs required, or 3) access prohibited by fire crews. Those circuits may be transitioned to Operations and closed out from a PSPS standpoint. That information is included in the Event Concluded notification, indicating power is not fully restored for that circuit(s). **DO NOT** send this notification while a PSPS activation is still in progress -- it will incorrectly tell ALL jurisdictions that the event is over!

**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:

**Recommended Language to Share with the Public**: *The public safety power shutoff in your area* has concluded, however some customers remain without power. If your power is still out, please visit <u>sce.com/outages</u> for more information.

**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 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 will have new periods of concern or other changed status. Definitions are on the second tab of the spreadsheet. Please email SCELiaisonOfficer@sce.com with concerns or questions about the spreadsheet.

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

**Online outage information**: Information and maps are available at <u>sce.com/PSPS</u> starting three days before the forecasted start date. If an outage does not appear on the PSPS map, it might be a weather-related or repair outage in the same area. These are mapped and listed at <u>sce.com/outages</u>.

### For More Information:

Public Safety Partner Portal (available June 1, 2021) PDFs of High Fire Risk Area (HFRA) circuit maps and GIS layers: <u>sce.com/maps</u>. Weather conditions: <u>sce.com/fireweather</u>. Post-PSPS reports:<u>sce.com/psps</u>. REST service (web-based password-protected access to GIS layers), contact: SCERestInfo@sce.com 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.

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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. 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: <u>sce.com/outages</u>

# PSPS Variable Notification Templates-Customers 9/29/2021 Activation

### 1 | Initial Notification

### TEXT/SMS

SCE Safety Outage Alert: High winds and fire conditions are forecasted in your area 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. We'll keep you updated so you know whether your power will be shut off. Visit sce.com/psps for the latest information. For downed power lines, call 911. View in more languages: <u>www.sce.com/PSPSInitial</u> Please reply with 1 to confirm receipt of this message.

### VOICE

Important SCE safety outage alert. To continue in English, press 1. [Spanish press 2], all other languages press 3.... High winds and fire conditions are forecasted in your area 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. We'll keep you updated so you know whether your power will be shut off. Visit sce dot com slash psps for the latest information. If you see a downed power line call 911.

EMAIL

Subject: SCE Safety Outage Initial Notification: Public Safety Power Shutoff (PSPS)         From: do not reply@scewebservices.com         Southern California Edison			
For more information on PSPS in your preferred language, click below:			
<u>ESPAÑOL 한국어 中文 TIÊNG VIÊT TAGALOG</u> 1-800-441-2233 1-800-628-3061 1-800-843-8343 1-800-327-3031 1-800-655-4555			
MORE LANGUAGES			
Important Safety Message from Southern California Edison:			
High winds and dangerous fire conditions are forecasted in your area from <u>Day of</u> week <u>Morning/afternoon/evening</u> through <u>End 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 affected. We'll keep you updated so you know whether your power will be shut off.			
This alert applies to the following address(es):			
Customer Address Service Account Meter Number Rate			
• For the latest updates, outage map, and information about customer care services, visit sce.com/psps.			
<ul> <li>For information about preparing for a power outage, visit <u>sce.com/safety/family/emergency-tips</u>.</li> </ul>			
• 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| Imminent Shutdown PSPS EXPECTED 1-4 HOURS BEFORE SHUTOFF

### TEXT/SMS

SCE Safety Outage Alert: It's likely we will need to 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</u> of week^ <u>^morning /afternoon /evening</u>. We'll keep you updated and notify you again at the time of shutoff if we need to shut off your power. Weather could affect shutoff timing and wind-related outages may also occur. Thanks for your patience. Visit sce.com/psps for the latest information and availability of community resources. For downed power lines, call 911. View in more languages: <u>www.sce.com/PSPSExpected</u> Please reply with 1 to confirm receipt of this message.

### VOICE

Important SCE safety outage alert. To continue in English, press 1. [Spanish press 2], all other languages press 3.... It's likely we will need to turn off your power in the next 4 hours due to wind-driven fire conditions in your area. Conditions could last through ^End Day of week^ ^morning /afternoon /evening^. We'll keep you updated and notify you again at the time of shutoff if we need to turn off your power. Weather could affect shutoff timing and wind-related outages may also occur. Thank you for your patience. 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 Safety Outage Alert: Expected Public Safety Power Shutoff (PSPS)         From: do not reply@scewebservices.com    Southern California Edison				
For more information on PSPS in your preferred language, click below:				
		<u>TIÉNG VIÊT</u> 300-843-8343 1-800-327-	TAGALOG 3031 1-800-655-4555	
MORE LANGUAGES				
Important Safety M	lessage from Sout	thern California Edi	son:	
conditions in your a /afternoon /evening We'll keep you upda your power. Weather occur. We understand this your community saf This alert applies to <i>Customer Address</i> Service Account Meter Number Rate	rea. Conditions cou g^. We continue wo ated and notify you er could affect shut is inconvenient. W e. the following addr	ild last through <mark>^End</mark> orking to reduce the r again at the time of s off timing and wind-r e appreciate your pa ress(es):	hours due to wind-driven fire Day of week^ ^morning humber of customers affected. Shutoff if we need to turn off related outages may also tience as we work to keep	
For information abc sce.com/safety/fam				
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 pa	tience as we work to	keep your community safe!	

### 5 | De-Energized

### SMS/TEXT

SCE Start of Shutoff Alert: We are temporarily shutting off your power due to high risk of wind-driven wildfire in your area. These conditions could last through <u>^End Day of</u> week^ <u>^morning/ afternoon/ evening^</u>. We will restore your power as soon as it's safe. Restoration typically takes 3-8 hours but could take longer if there is damage in your area. Remember to turn off or unplug appliances or equipment that may start automatically when power is restored. Thanks for your patience. Visit sce.com/psps for the latest information and availability of community resources. For downed power lines, call 911. View in more languages: <u>www.sce.com/PSPSShutoff</u> Please reply with 1 to confirm receipt of this message.

### VOICE

Important SCE safety outage alert. To continue in English, press 1. [Spanish press 2], all other languages press 3.... We are temporarily shutting off your power due to high risk of wind-driven wildfire in your area. These conditions could last through <u>^End Day of</u> week^ <u>^morning/ afternoon/ evening</u>. We will restore your power as soon as it's safe. Restoration typically takes 3 to 8 hours but could take longer if there is damage in your area. Remember to turn off or unplug appliances or equipment that may start automatically when power is restored. Thank you for your patience. 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

sce.com/psps.

*Subject:* SCE Safety Outage Alert: Start of Public Safety Power Shutoff (PSPS) *From:* do not reply@scewebservices.com Southern California Edison For more information on PSPS in your preferred language, click below: TIÊNG VIÊT ESPAÑOL 한국어 中文 TAGALOG 1-800-441-2233 1-800-628-3061 1-800-843-8343 1-800-327-3031 1-800-655-4555 MORE LANGUAGES **Important Safety Message from Southern California Edison:** We are temporarily shutting off your power due to high risk of wind-driven wildfire in your area. These conditions could last through ^End Day of week^ ^morning/ afternoon/evening^. We will restore your power as soon as it's safe. Restoration typically takes 3-8 hours but could take longer if there is damage in your area. Please remember to turn off or unplug appliances or equipment that may start automatically when power is restored. We will update you as conditions change. This alert applies to the following address(es): Customer Address Service Account Meter Number Rate For the latest information, outage map, and availability of community resources, visit

REMEMBER: If you see a downed power line, call 911 first and then notify SCE at 1-800-611-1911.

We understand this is inconvenient. We appreciate your continued patience as we work

### to keep your community safe.

### 7 | PREPARING TO RE-ENERGIZE (IMMINENT RESTORATION)

### SMS/TEXT

SCE PSPS Safe Restoration Alert: We're working to restore power in your area now that winds have died down. This typically takes 3-8 hours but could take longer if there is damage in your area. We will alert you again when your power comes back on. Please turn off or unplug appliances or equipment that may start automatically when power is restored and inspect your property for downed power lines. Visit sce.com/psps for the latest information and availability of community resources. For downed power lines, call 911. Thank you for your patience as we work to keep your community safe. View in more languages: <a href="https://www.sce.com/PSPSPrepRestore">www.sce.com/PSPSPrepRestore</a> Please reply with 1 to confirm receipt of this message.

### VOICE

Important SCE safe restoration alert. To continue in English, press 1. [Spanish press 2], all other languages press 3.... We're working to restore power in your area now that winds have died down. This process typically takes 3 to 8 hours but could take longer if there is damage in your area. We will alert you again when your power comes back on. Please turn off or unplug appliances or equipment that may start automatically when power is restored and inspect your property for downed power lines. If you see a downed power line stay away and call 911. For more information on the restoration process and availability of community resources, please visit sce dot com slash psps. Thank you for your patience as we work to keep your community safe.

### EMAIL



appliances or equipment that may start automatically when power is restored 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.

This alert applies to the following address(es):

Customer Address Service Account Meter Number Rate

For more information on SCE's restoration process and availability of community resources, please visit sce.com/psps.

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.

9-A | PSPS ENDED - RESTORED & ALL CLEAR [NO MORE RISK OF PSPS]

### SMS/TEXT

SCE PSPS Safe Restoration Alert: We were able to restore power in your area and end this Public Safety Power Shutoff 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. View in more languages: www.sce.com/PSPSEnded Please reply with 1 to confirm receipt of this message. Please reply with 1 to confirm receipt of this message.

### VOICE

Important SCE safe restoration alert... To continue in English, press 1. [Spanish press 2], all other languages press 3.... We were able to restore power in your area and end this 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 PSPS Safe Restoration Alert: All Power Restored

 From: do\_not\_reply@scewebservices.com
 Southern California Edison

 For more information on PSPS in your preferred language, click below:

 ESPAÑOL
 한국어

 1-800-441-2233
 1-800-628-3061

 MORE LANGUAGES

### Important Safety Message from Southern California Edison:

We were able to restore power in your area and end this Public Safety Power Shutoff 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):

Customer Address Service Account Meter Number Rate

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

PUBLIC SAFETY POWER SHUTOFFS ARE A TOOL OF LAST RESORT TO PROTECT OUR COMMUNITIES FROM THE THREAT OF WILDFIRE.





-5 DAYS FORECASTING

-3 DAYS FORECASTING

2 DAYS FORECASTIN

DAY OF THE PSPS EVENT

We consider PSPS when weather and fire experts forecast dangerous conditions, 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.



### -5 DAYS FORECASTING

### -3 DAYS FORECASTING

DAYS FORECASTING

DAY OF THE PSPS EVEN



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.

# 

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.



# 

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



-5 DAYS FORECASTING

-3 DAYS FORECASTING

-2 DAYS FORECASTING

PSPS EVEN

1

# 

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 FORECASTING

3 DAYS FORECASTING -2

-2 DAYS FORECASTIN

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.

The Incident Management Team monitors more than 1,050 permanent weather stations for changing conditions. As the winds increase, field crews provide mobile weather station reports and report flying debris or other hazards.



### -5 DAYS FORECASTING

10

-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.

# 

### **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.

> Power is shut off for an individual circuit or circuit segment

### 

#### 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 (Excel File Under Separate Cover)

Appendix A

10.11.2021 SCE Post-Event Report Data



#### **FILE DESCRIPTION**

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

#### **TABLE OF CONTENTS**

#### **SECTION 01: Executive Summary**

Table 01: PSPS Event Summary

#### **SECTION 02: Decision Making Process**

Table 02: Factors Considered in De-Energization Table 03: PSPS Risk vs. Benefit Comparison Tool

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

Table 04: Circuits De-Energized

#### SECTION 04: Damage and Hazards to Overhead Facilities SECTION 05: Notifications

Table 05: Notification Descriptions

Table 06: Notification Timeline

Table 07: Positive Notification

Table 08: Breakdown of Notification Failures

#### SECTION 06: Local and State Public Safety Partner Engagement

Table 09: Public Safety Partners Contacted Table 10: Entities Invited to SCE Emergency Operations Center

#### **SECTION 07: Complaints and Claims**

Table 11: Count and Nature of Complaints Received

#### **SECTION 08: Power Restoration Timeline**

#### SECTION 09: Community Resource Centers

Table 12: Community Resource Centers

#### **SECTION 11: Lessons Learned**

Table 13: Lessons Learned



October 08, 2021 to October 12, 2021

#### **SECTION 01: Executive Summary**

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 De-energized	Damage/ Hazard Count	
20,816	40	20,776	0	1	0	31	0	17	2	0	



October 08, 2021 to October 12, 2021

#### **SECTION 02: Decision Making Process**

Factors	Conside	ered in	De-Energ	vization
I accors	Conside			

Circuit De-energized	Segment	Sustained Wind Speed				Gust Wind Speed	Fire Potential Index (FPI)		Firecast Output		
	Segment	Threshold	De-energization Threshold	Actual	Threshold	De-energization Threshold	Actual	Threshold	Actual	Ratio	
Tuba	3	31 mph	31 mph	40.4 mph	46 mph	46 mph	50.8 mph	13	13.39	118.39916	
Energy	8, 9	31 mph	31 mph	31.6 mph	46 mph	46 mph	46.5 mph	12	12.36	273.74085	



October 08, 2021 to October 12, 2021

#### **SECTION 02: Decision Making Process**

<b>PSPS</b> Risk vs	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)	Wildfire Risk (24hr Impact- PSPS Model)	Firecast Output Ratio		
PLATEAU	2395	7185	1.22	1440	4935.94	629	836	0.00050602	0.032473354	64.17		
SAND CANYON	2183	6549	1.18	1440	6716.04	505	1634	0.00045994	0.03311575	72.00		
BUCKHORN	2539	7617	1.12	1440	4599.76	758	1875	0.00053257	0.045083678	84.65		
TUBA	1175	3525	1.23	1440	6831.58	275	2471	0.00024848	0.029419642	118.40		
BIG ROCK	3159	9477	1.15	1440	4196.43	1510	2476	0.00066419	0.080213424	120.77		
TRUMPET	2465	7395	1.22	1440	4598.09	1088	3441	0.00052066	0.069631064	133.74		
REJADA	467	1401	1.06	1440	2630.92	376	478	0.00009751	0.019060462	195.47		
RIDGE	370	1110	1.20	1440	9816.97	343	412	0.00007803	0.017773682	227.77		
ENERGY	1638	4914	1.30	1440	5170.19	1747	3265	0.00034809	0.095286725	273.74		
SHOVEL	724	2172	1.17	1440	4195.52	966	1071	0.00015238	0.047580842	312.26		
RED BOX	29	87	1.26	1440	6795.59	58	6	0.00000614	0.002942282	478.90		
GUITAR	260	780	1.20	1440	7420.46	582	3060	0.00005484	0.046030917	839.37		
FROZEN	1	3	1.63	1440	3482.78	311	477	0.0000022	0.01637122	75240.39		



October 08, 2021 to October 12, 2021

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

Circuits De-	Circuits De-Energized											
County	Circuit Name	Segment Number	De-energization Date	De-energization Time (2400)	All Clear Declaration Date	All Clear Declaration Time (2400)	Restoration Date	Restoration Time (2400)		Distribution / Transmission Classification		
Los Angeles	Tuba	3	10/11/21	1508	10/11/21	1925	10/12/21	1118	3	Distribution		
Los Angeles	Energy	8	10/11/21	1727	10/11/21	2119	10/11/21	2308	3	Distribution		
Los Angeles	Energy	9	10/11/21	1727	10/11/21	2119	10/12/21	1430	3	Distribution		

<b>Circuits De-</b>	Circuits De-Energized (cont.)										
County	Circuit Name	Segment Number	Residential Customers De-energized	Commercial / Industrial Customers De-energized	Medical Baseline Customers	AFN other than MBL Customers De- energized	Total Customers	GO 95, Tier HFTD Tier(s) 1,2,3	Other Customers		
Los Angeles	Tuba	3	0	3	0	0	3	3	0		
Los Angeles	Energy	8, 9	6	31	0	0	37	3	0		



October 08, 2021 to October 12, 2021

## **SECTION 05: Notifications**

Notification Descriptions									
Type of Notification	Recipients	Description							
Initial	Local and Tribal governments and other stakeholders including CBOs serving the AFN population and Public Safety Partners <sup>XX</sup>	Initial Notification of Potential PSPS event when circuits are first identified for potential de-energization							
Imminent De-Energize	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Imminent De-Energize Notification of Expected Shutoff for PSPS Event							
De-Energized	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Shutoff Notice for PSPS Event							
Update	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Update Notice for PSPS Event							
Imminent Re-Energize	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	Notification of Inspection for PSPS restoration.							
Re-Energized	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	SCE Restoration Notice for PSPS Event							
Event-Concluded-All Clear	Local and Tribal governments and other stakeholders including CBOs serving the AFN population	PSPS Event Concluded - Power has been restored to all affected customers							
Initial Notification	Public Safety Partners (Water/Wastewater, Hospitals, Telcos,) Critical Infrastructure (Including paratransit), Customers	Initial Notification of Potential PSPS event when circuits are first identified for potential de-energization							
Update Notification	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure (including paratransit), customers	Update Notification on PSPS event							
PSPS Expected (Imminent Shutoff) (Warning)	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	Imminent De-Energize Notification of Expected Shutoff for PSPS Event							
De-Energized	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	De-energization occurs							
Continued Shutoff	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	When de-energization continues overnight, sent to customers the next morning							

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## October 08, 2021 to October 12, 2021

Notification Descriptions									
Type of Notification	Recipients	Description							
Prepare to Restore (Statement)	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	Before Re-energization occurs							
PSPS All Clear - Event Avoided (Statement)	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	When circuits are no longer being considered for PSPS and were not de-energized							
PSPS Ended Restored & All Clear	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	When circuits were de-energized and have been restored and are no longer being monitored							
PSPS Temporarily Restored; NOT All Clear, PSPS Risk Remains	Public Safety Partners (Water/Wastewater, Hospitals, Telcos) Critical Infrastructure & Customers (including paratransit)	When circuit is temporarily restored but still at risk for PSPS (usually when there is a break in POC)							



October 08, 2021 to October 12, 2021

Notification Timeline									
Event Order	Notification Type	Requirement Timeline	Notification Sent To	Approximate Time Sent	Notes				
	Initial Notice for	72-48 hours	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 08, 2021 1828	NA				
	PSPS Event Initial Notice for	72-48 110015	Public Safety Partners - Water/Wastewater, Telecommunication, Hospitals and Critical Infrastructure customers, Customers	Oct 08, 2021 1830	N/A				
		48-24 hours	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 09, 2021 1406	NA				
	PSPS Event	40-24 110013	Public Safety Partners - Water/Wastewater, Telecommunication, Hospitals and Critical Infrastructure customers, Customers	Oct 09, 2021 1503	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 09, 2021 1406	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 09, 2021 1406	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 10, 2021 1338	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 10, 2021 1339	NA				



October 08, 2021 to October 12, 2021

Notification Timeline									
Event Order	Notification Type	Requirement Timeline	Notification Sent To	Approximate Time Sent	Notes				
	Update	As Necessary	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 10, 2021 1339	NA				
Pre-De- Energization (prior)			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 11, 2021 1149	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 11, 2021 1149	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 11, 2021 1150	NA				
			Public Safety Partners - Water/Wastewater, Telecommunication, Hospitals and Critical Infrastructure customers, Customers	Oct 10, 2021 1339	NA				
			Public Safety Partners - Water/Wastewater, Telecommunication, Hospitals and Critical Infrastructure customers, Customers	Oct 11, 2021 1144	NA				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 11, 2021 1506	Notification occurred at less than 1 hr				
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 11, 2021 1702	Notification occurred at less than 1 hr				



**SECTION 05: Notifications** 

## **SCE Post-Event Report Data**

October 08, 2021 to October 12, 2021

#### **Notification Timeline** Requirement Approximate Notification Type Event Order Notification Sent To Notes Timeline Time Sent 4-1 hour Local and Tribal governments and other stakeholders Imminent Oct 11. 2021 Notification occurred at (imminent including Public Safety Partners<sup>1</sup>, CCAs and CBOs serving **De-Energize** 1725 less than 1 hr de-energization) the AFN population Notification occurred Oct 11, 2021 Portion of the Tuba Circuit less than 1 hr of De-1516 energization Notification occurred Oct 11, 2021 Portion of the Energy Circuit less than 1 hr of De-1659 energization Local and Tribal governments and other stakeholders Oct 11, 2021 including Public Safety Partners<sup>1</sup>, CCAs and CBOs serving NA 1512 the AFN population Local and Tribal governments and other stakeholders Oct 11, 2021 In-Event **De-energization** including Public Safety Partners<sup>1</sup>, CCAs and CBOs serving NA **De-Energized** 1729 (during) Notification the AFN population Oct 11, 2021 Portion of the Tuba Circuit NA 1538 Oct 11, 2021 Portion of the Energy Circuit NA 1729 Local and Tribal governments and other stakeholders Oct 11, 2021 including Public Safety Partners<sup>1</sup>, CCAs and CBOs serving NA 2211 the AFN population Oct 11, 2021 Imminent Imminent Portion of the Tuba Circuit NA 1930 **Re-Energize Re-Engergization** Oct 11, 2021 Portion of the Energy Circuit NA 2148



October 08, 2021 to October 12, 2021

Notificatio	n Timeline				
Event Order	Notification Type	Requirement Timeline	Notification Sent To	Approximate Time Sent	Notes
			Portion of the Energy Circuit	Oct 12, 2021 0753	NA
Restoration (after)	Re-Energized	Re-energization	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 11, 2021 2338	NA
	Re-Energized	Notification	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 12, 2021 0803	NA
	Update	As Necessary	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 12, 2021 1100	NA
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 12, 2021 1101	NA
			Public Safety Partner <sup>2</sup> (water/wastewater, telcos, hospitals), Critical Infrastructure and customers.	Oct 12, 2021 1101	NA
			Public Safety Partner <sup>2</sup> (water/wastewater, telcos, hospitals), Critical Infrastructure and customers.	Oct 12, 2021 1102	NA
	Re-Energized	Re-energization Notification	Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 12, 2021 1133	NA
			Local and Tribal governments and other stakeholders including Public Safety Partners <sup>1</sup> , CCAs and CBOs serving the AFN population	Oct 12, 2021 1448	NA



**SECTION 05: Notifications** 

## **SCE Post-Event Report Data**

October 08, 2021 to October 12, 2021

#### **Notification Timeline** Requirement **Approximate** Notification Type **Notification Sent To** Event Order Notes Timeline **Time Sent** Local and Tribal governments and other stakeholders **Event-Concluded-**All Clear Oct 12, 2021 including Public Safety Partners<sup>1</sup>, CCAs and CBOs serving NA Notification AllClear 1453 the AFN population Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 9, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1500 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 10, 2021 **Event Avoided** All Clear NA hospitals), Critical Infrastructure and customers. 1340 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 11, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1144 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1119 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 **Event Avoided** All Clear NA hospitals), Critical Infrastructure and customers. 1123 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1138 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1139 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1142 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1142 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1152 Public Safety Partner<sup>2</sup> (water/wastewater, telcos, Oct 12, 2021 All Clear **Event Avoided** NA hospitals), Critical Infrastructure and customers. 1212



October 08, 2021 to October 12, 2021

## **SECTION 05: Notifications**

Notification Timeline									
Event Order	Notification Type	Requirement Timeline	Notification Sent To	Approximate Time Sent	Notes				
	All Clear	Event Avoided	Public Safety Partner <sup>2</sup> (water/wastewater, telcos, hospitals), Critical Infrastructure and customers.	Oct 12, 2021 1152	NA				
	Ended	Restored & All Clear	Public Safety Partner2 (water/wastewater, telcos, hospitals), Critical Infrastructure and customers.	Oct 11, 2021 2327	NA				
	Ended	Restored & All Clear	Public Safety Partner <sup>2</sup> (water/wastewater, telcos, hospitals), Critical Infrastructure and customers.	Oct 12, 2021 1152	NA				
	Ended	Restored & All Clear	Public Safety Partner <sup>2</sup> (water/wastewater, telcos, hospitals), Critical Infrastructure and customers.	Oct 12, 2021 1505	NA				

<sup>1</sup>A subset of Public Safety Partners, including cities, counties, tribes, and community choice aggregators

<sup>2</sup> A subset of Public Safety Partners, including water, wastewater, and communication service providers



Positive Notification						
Category	Total Number of Customers	Timing Attempts	Notification Attempts	Successful Positive Notification	Who Made the Notification	
Medical Baseline <sup>1</sup>	531	Daily	531	531	SCE	
Self-Certify Vulnerable <sup>2</sup>	Not available	Daily	Not available	Not available	JUE	



Breakdown of Notification Failures					
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation		
	Entities who did not received 48-72 advanced notification	3	Not forecasted in scope by 48 hours before de- energization		
Public Safety Partners	Entities who did not receive 1 to 4 hour imminent notification	3	Escalating weather conditions required de- energization earlier than anticipated, which resulted in notification being sent less than 1 hour before de-energization		
	Entities who did not receive any notifications before de- energization.	0	N/A		
	Entities who were not notified immediately before re- energization.	0	N/A		
	Entities who did not receive cancellation notification within two hours of the decision to cancel.	0	N/A		
	Facilities who did not receive 48-72 hour advance notification.	1	Not forecasted in scope by 48 hours before de- energization		
	Facilities who did not receive 1-4 hour of imminent notifications.	31	Escalating weather conditions required de- energization earlier than anticipated, which resulted in notification being sent less than 1 hour before de-energization		
Critical	Facilities who did not receive any notifications before de- energization.	0	N/A		
Facilities <sup>1</sup>	Facilities who were not notified at de-energization initiation.	0	N/A		



Breakdown	Breakdown of Notification Failures					
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation			
	Facilities who were not notified immediately before re- energization.	0	N/A			
	Facilities who were not notified when re-energization is complete.	0	N/A			
	Facilities who did not receive cancellation notification within two hours of the decision to cancel.	0	N/A			
	Customers who did not receive 24-48 hour advance notifications.	3	Not forecasted in scope by 24 hours before de energization			
	Customers who did not receive 1-4 hour imminent notifications.	3	Escalating weather conditions required de- energization earlier than anticipated, which resulted in notification being sent less than 1 hour before de-energization			
All Other Affected	Customers who did not receive any notifications before de- energization.	0	N/A			
Customers	Customers who were not notified at de-energization initiation.	0	N/A			
	Customers who were not notified immediately before re- energization.	0	N/A			
	Customers who were not notified when re-energization is complete.	0	N/A			



### **SECTION 05: Notifications**

Breakdown of Notification Failures							
Notifications sent to	Notification Failure Description	Number of Entities or Customer Counts	Explanation				
	Customers who did not receive cancellation notification within two hours of the decision to cancel.	0	N/A				

<sup>1</sup>Some Critical facilities listed here, such as water, wastewater and communications service providers, are also Public Safety Partners but are not included in the



## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted				
Jurisdiction / Organization	Title	HFTD	Date/Time	
		Tier	Contacted	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
211 California Network		2 and 3	Oct 08, 2021 1828	
Acton Town Council	President & General Mailbox	2 and 3	Oct 08, 2021 1828	
American Red Cross-PSPS Notifications		2 and 3	Oct 08, 2021 1828	
CA Council of the Blind		2 and 3	Oct 08, 2021 1828	
CA Dept. of Social Services		2 and 3	Oct 08, 2021 1828	
Cal Fire	Asst Region Chief	2 and 3	Oct 08, 2021 1828	
Cal Fire	Region Chief	2 and 3	Oct 08, 2021 1828	
Cal Fire		2 and 3	Oct 08, 2021 1828	
Calabasas	City Clerk	2 and 3	Oct 08, 2021 1828	
Calabasas	City Manager	2 and 3	Oct 08, 2021 1828	
Calabasas	Communications Director	2 and 3	Oct 08, 2021 1828	
Calabasas	Community Development Director	2 and 3	Oct 08, 2021 1828	
Calabasas	Councilmember	2 and 3	Oct 08, 2021 1828	
Calabasas	Councilmember	2 and 3	Oct 08, 2021 1828	

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## October 08, 2021 to October 12, 2021

## SECTION 06: Local and State Public Safety Partner Engagement

### **Public Safety Partners Contacted**

Public Safety Partners Contacted HFTD Date/Tir				
Jurisdiction / Organization	Title	Tier	Contacted	
Calabasas	Councilmember	2 and 3	Oct 08, 2021 1828	
Calabasas	Director of Public Safety & Emergency Preparedness	2 and 3	Oct 08, 2021 1828	
Calabasas	Mayor	2 and 3	Oct 08, 2021 1828	
Calabasas	Mayor Pro Tem	2 and 3	Oct 08, 2021 1828	
Calabasas	Public Safety Coordinator	2 and 3	Oct 08, 2021 1828	
Calabasas	Public Works Deputy Director	2 and 3	Oct 08, 2021 1828	
Calabasas	Public Works Director	2 and 3	Oct 08, 2021 1828	
Calabasas	Public Works Inspector	2 and 3	Oct 08, 2021 1828	
Calabasas	Station Captain	2 and 3	Oct 08, 2021 1828	
Calabasas	Station Captain	2 and 3	Oct 08, 2021 1828	
Calabasas		2 and 3	Oct 08, 2021 1828	
Calabasas		2 and 3	Oct 08, 2021 1828	
Calabasas		2 and 3	Oct 08, 2021 1828	
California Association of Area Agencies of Aging		2 and 3	Oct 08, 2021 1828	
California Department of Aging		2 and 3	Oct 08, 2021 1828	
California Department of Aging		2 and 3	Oct 08, 2021 1828	
California Department of Aging		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	

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## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted				
Jurisdiction / Organization	Title	HFTD	Date/Time	
		Tier	Contacted	
California Department of Developmental Services		2 and 3	Oct 08, 2021 1828	
California Department of Rehabilitation		2 and 3	Oct 08, 2021 1828	
California Foundation of Independent Living Centers		2 and 3	Oct 08, 2021 1828	
California Foundation of Independent Living Centers		2 and 3	Oct 08, 2021 1828	
California Partnership for Inclusive Disaster Strategie	S	2 and 3	Oct 08, 2021 1828	
California State Assembly District 36	District Office	2 and 3	Oct 08, 2021 1828	
California State Assembly District 38	District Office	2 and 3	Oct 08, 2021 1828	
California State Assembly District 41	Deputy District Director	2 and 3	Oct 08, 2021 1828	
California State Assembly District 41	District Director	2 and 3	Oct 08, 2021 1828	
California State Assembly District 41		2 and 3	Oct 08, 2021 1828	
California State Assembly District 43	District Director	2 and 3	Oct 08, 2021 1828	
California State Assembly District 45	District Office	2 and 3	Oct 08, 2021 1828	
California State Senate District 21	District Office	2 and 3	Oct 08, 2021 1828	
California State Senate District 25	District Office	2 and 3	Oct 08, 2021 1828	
California State Senate District 27	District Office	2 and 3	Oct 08, 2021 1828	
California State Senate District 27	Legislative Consultant	2 and 3	Oct 08, 2021 1828	
Center for Accessible Technology		2 and 3	Oct 08, 2021 1828	
Center for Accessible Technology		2 and 3	Oct 08, 2021 1828	
County Welfare Directors Association		2 and 3	Oct 08, 2021 1828	
County Welfare Directors Association		2 and 3	Oct 08, 2021 1828	
Disability Action Center		2 and 3	Oct 08, 2021 1828	
Disability Policy Consultant		2 and 3	Oct 08, 2021 1828	
Disability Rights California (DRC)		2 and 3	Oct 08, 2021 1828	
Fillmore	Building and Safety Superintendent	2 and 3	Oct 08, 2021 1828	
Fillmore	Chief of Police	2 and 3	Oct 08, 2021 1828	
Fillmore	Chief of Police	2 and 3	Oct 08, 2021 1828	
Fillmore	City Manager	2 and 3	Oct 08, 2021 1828	

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## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

		HFTD	Date/Time
Jurisdiction / Organization	Title	Tier	Contacted
Fillmore	Community Development Director	2 and 3	Oct 08, 2021 1828
Fillmore	Councilmember	2 and 3	Oct 08, 2021 1828
Fillmore	Councilmember	2 and 3	Oct 08, 2021 1828
Fillmore	Councilmember	2 and 3	Oct 08, 2021 1828
Fillmore	Councilmember	2 and 3	Oct 08, 2021 1828
Fillmore	Fire Chief	2 and 3	Oct 08, 2021 1828
Fillmore	Fire Chief	2 and 3	Oct 08, 2021 1828
Fillmore	Mayor Pro Tem	2 and 3	Oct 08, 2021 1828
Fillmore	Parks and Recreation Coordinator	2 and 3	Oct 08, 2021 1828
Fillmore		2 and 3	Oct 08, 2021 1828
Fillmore		2 and 3	Oct 08, 2021 1828
ILC Los Angeles County		2 and 3	Oct 08, 2021 1828
ILC Los Angeles County		2 and 3	Oct 08, 2021 1828
ILC Los Angeles County		2 and 3	Oct 08, 2021 1828
ILC Los Angeles County		2 and 3	Oct 08, 2021 1828
ILC Los Angeles County		2 and 3	Oct 08, 2021 1828
ILC Los Angeles County		2 and 3	Oct 08, 2021 1828
ILC Santa Barbara & Ventura Counties		2 and 3	Oct 08, 2021 1828
ILC Santa Barbara & Ventura Counties		2 and 3	Oct 08, 2021 1828
Independent Living Resource Center	<b>Emergency Preparedness Services Manager</b>	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	Asst. City Mgr.	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	Captain	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	City Clerk	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	City Manager	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	Councilmember	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	Councilmember	2 and 3	Oct 08, 2021 1828
La Canada Flintridge	Councilmember	2 and 3	Oct 08, 2021 1828

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## October 08, 2021 to October 12, 2021

## **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted				
Jurisdiction / Organization	Title	HFTD	Date/Time	
La Canada Flintridge	Emergency Coordinator	Tier 2 and 3	Contacted Oct 08, 2021 1828	
La Canada Flintridge	Lieutenant	2 and 3	Oct 08, 2021 1828	
La Canada Flintridge	Mayor	2 and 3	Oct 08, 2021 1828	
La Canada Flintridge	Mayor pro tem	2 and 3	Oct 08, 2021 1828	
La Canada Flintridge	Public Works Director	2 and 3	Oct 08, 2021 1828	
La Canada Flintridge		2 and 3	Oct 08, 2021 1828	
LA County Fire Department	Battalion Chief, Battalion 6	2 and 3	Oct 08, 2021 1828	
Los Angeles County	(UAS) Liaison	2 and 3	Oct 08, 2021 1828	
Los Angeles County	2nd District	2 and 3	Oct 08, 2021 1828	
Los Angeles County	2nd District Supervisor	2 and 3	Oct 08, 2021 1828	
Los Angeles County	4th District Supervisor	2 and 3	Oct 08, 2021 1828	
Los Angeles County	5th District Supervisor	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Acting Executive Officer	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Assisitant Deputy Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Assistant Deputy Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Assistant Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Assistant Field Deputy, 4th District	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Asst. Fire Chief	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Board Member	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Board Member	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Board Member	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Business Relations City Services	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Captain	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Captain	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Cheif of Staff for Supervisor Barger	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief Electrical	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief Executive Officer	2 and 3	Oct 08, 2021 1828	

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## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted				
Jurisdiction / Organization	Title	HFTD	Date/Time	
Los Angolos County	Chief of Community and Marketing Services Division	Tier 2 and 3	Contacted Oct 08, 2021 1828	
Los Angeles County				
Los Angeles County	Chief of Staff	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief of Staff	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief of Staff	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief of Staff, 1st District	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief of Staff, 3rd District	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Chief of Staff, 4th District	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Civil Engineer	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Department of Regional Planning	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy Director	2 and 3	Oct 08, 2021 1828	



## October 08, 2021 to October 12, 2021

## 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	
Los Angeles County	Deputy for Supervisor Hahn	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy for Supervisor Kuehl	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Deputy Superintendent	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Director For Planning and Development	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Director of Planning, 3rd District	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Director, Office of Emergency Management	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disabilities, Access and Functional Needs Coordinato		Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area B	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area C	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area D	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area D	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area E	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area E (Acting)	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area G	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area H	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Area Coordinator, Area H	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Coordinator, Area E	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Management Area Coordinator	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Services	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Disaster Services Analyst	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Division Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	DOC Director	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Duty	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Economic Deputy	2 and 3	Oct 08, 2021 1828	

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## October 08, 2021 to October 12, 2021

## **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	
Los Angeles County	Economic Development Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Emergency Management	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Emergency Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Emergency Prepardness Offcer	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Engineer	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Engineering Aid	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Deputy	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Field Representative	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Fire Captain	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Fire Chief	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Fire Marshal	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Government Relations Representative	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Graffiti Abatement Program Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	LA County Sheriff	2 and 3	Oct 08, 2021 1828	
Los Angeles County	LB Disaster Preparedness Analyst, Area F	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Manager	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Office of OEM/EOC	2 and 3	Oct 08, 2021 1828	
Los Angeles County	Office of OEM/EOC	2 and 3	Oct 08, 2021 1828	

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## October 08, 2021 to October 12, 2021

### **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
Los Angeles County	PIO	2 and 3	Oct 08, 2021 1828
Los Angeles County	Planner	2 and 3	Oct 08, 2021 1828
Los Angeles County	Planning Deputy	2 and 3	Oct 08, 2021 1828
Los Angeles County	Planning Deputy	2 and 3	Oct 08, 2021 1828
Los Angeles County	President	2 and 3	Oct 08, 2021 1828
Los Angeles County	President of Kagel Canyon HOA	2 and 3	Oct 08, 2021 1828
Los Angeles County	Principal Engineer	2 and 3	Oct 08, 2021 1828
Los Angeles County	Principal Engineer	2 and 3	Oct 08, 2021 1828
Los Angeles County	Principal Engineer Operational Services	2 and 3	Oct 08, 2021 1828
Los Angeles County	Public Affairs Manager	2 and 3	Oct 08, 2021 1828
Los Angeles County	Public Affairs Specialist	2 and 3	Oct 08, 2021 1828
Los Angeles County	Public Works Deputy	2 and 3	Oct 08, 2021 1828
Los Angeles County	Public Works Deputy, 3rd District	2 and 3	Oct 08, 2021 1828
Los Angeles County	Santitation District	2 and 3	Oct 08, 2021 1828
Los Angeles County	Senior Civil Engineer	2 and 3	Oct 08, 2021 1828
Los Angeles County	Senior Deputy, Supervisor Kathryn Barger	2 and 3	Oct 08, 2021 1828
Los Angeles County	Senior Field Deputy, 3rd District	2 and 3	Oct 08, 2021 1828
Los Angeles County	Staff	2 and 3	Oct 08, 2021 1828
Los Angeles County	Supervising Electrical Engineer	2 and 3	Oct 08, 2021 1828
Los Angeles County	Supervisor	2 and 3	Oct 08, 2021 1828
Los Angeles County	Supervisor	2 and 3	Oct 08, 2021 1828
Los Angeles County	Sustainability Director	2 and 3	Oct 08, 2021 1828
Los Angeles County	Traffic and Lighting Division	2 and 3	Oct 08, 2021 1828
Los Angeles County	Utility Chief	2 and 3	Oct 08, 2021 1828
Los Angeles County	Utility Coordinator	2 and 3	Oct 08, 2021 1828
Los Angeles County	Vice - President	2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828

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## October 08, 2021 to October 12, 2021

## **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
		Tier	Contacted
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	,
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Los Angeles County		2 and 3	Oct 08, 2021 1828
Malibu	Assistant City Manager	2 and 3	Oct 08, 2021 1828
Malibu	Assistant City Manager	2 and 3	Oct 08, 2021 1828
Malibu	Assistant Fire Chief	2 and 3	Oct 08, 2021 1828
Malibu	ATT partner	2 and 3	Oct 08, 2021 1828
Malibu	Caltrans	2 and 3	Oct 08, 2021 1828
Malibu	Caltrans	2 and 3	Oct 08, 2021 1828
Malibu	Caltrans	2 and 3	Oct 08, 2021 1828
Malibu	Caltrans	2 and 3	Oct 08, 2021 1828
Malibu	Caltrans	2 and 3	Oct 08, 2021 1828
Malibu	Captain	2 and 3	Oct 08, 2021 1828
Malibu	Captain	2 and 3	Oct 08, 2021 1828
Malibu	Captain	2 and 3	Oct 08, 2021 1828

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## October 08, 2021 to October 12, 2021

### **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
Malibu	CHP - West Valley Captain	2 and 3	Oct 08, 2021 1828
Malibu	City Clerk	2 and 3	Oct 08, 2021 1828
Malibu	Councilmember	2 and 3	Oct 08, 2021 1828
Malibu	Councilmember	2 and 3	Oct 08, 2021 1828
Malibu	Councilmember	2 and 3	Oct 08, 2021 1828
Malibu	Councilmember	2 and 3	Oct 08, 2021 1828
Malibu	Environmental Sustainability Director	2 and 3	Oct 08, 2021 1828
Malibu	Executive Assistant	2 and 3	Oct 08, 2021 1828
Malibu	Fire Safety Liaison	2 and 3	Oct 08, 2021 1828
Malibu	Interim City Manager	2 and 3	Oct 08, 2021 1828
Malibu	KBUU-FM and Malibu Intervenor	2 and 3	Oct 08, 2021 1828
Malibu	Mayor	2 and 3	Oct 08, 2021 1828
Malibu	Media Information Officer	2 and 3	Oct 08, 2021 1828
Malibu	Officer	2 and 3	Oct 08, 2021 1828
Malibu	Planning Director	2 and 3	Oct 08, 2021 1828
Malibu	Public Safety Manager	2 and 3	Oct 08, 2021 1828
Malibu	Public Works Director	2 and 3	Oct 08, 2021 1828
Malibu	Public Works Super	2 and 3	Oct 08, 2021 1828
Malibu	Publisher	2 and 3	Oct 08, 2021 1828
Malibu	Senior Public Works Inspector	2 and 3	Oct 08, 2021 1828
Malibu	Thousand Oaks District Manager	2 and 3	Oct 08, 2021 1828
Malibu		2 and 3	Oct 08, 2021 1828
Malibu		2 and 3	Oct 08, 2021 1828
Palmdale	Assistant City Manager	2 and 3	Oct 08, 2021 1828
Palmdale	Battalion Chief	2 and 3	Oct 08, 2021 1828
Palmdale	Battalion Chief	2 and 3	Oct 08, 2021 1828
Palmdale	City Clerk	2 and 3	Oct 08, 2021 1828

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## October 08, 2021 to October 12, 2021

## **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
Palmdale	City Manager	2 and 3	Oct 08, 2021 1828
Palmdale	Communications Director	2 and 3	Oct 08, 2021 1828
Palmdale	Community Development Director	2 and 3	Oct 08, 2021 1828
Palmdale	Councilmember	2 and 3	Oct 08, 2021 1828
Palmdale	Councilmember	2 and 3	Oct 08, 2021 1828
Palmdale	Councilmember	2 and 3	Oct 08, 2021 1828
Palmdale	Deputy City Manager	2 and 3	Oct 08, 2021 1828
Palmdale	District Fire Chief	2 and 3	Oct 08, 2021 1828
Palmdale	Emergency Manager	2 and 3	Oct 08, 2021 1828
Palmdale	Environmental Manager	2 and 3	Oct 08, 2021 1828
Palmdale	LA County Sheriff Captain - Palmdale	2 and 3	Oct 08, 2021 1828
Palmdale	Maintenance Services Manager	2 and 3	Oct 08, 2021 1828
Palmdale	Mayor	2 and 3	Oct 08, 2021 1828
Palmdale	Mayor Pro Tem	2 and 3	Oct 08, 2021 1828
Palmdale	PIO	2 and 3	Oct 08, 2021 1828
Palmdale	Public Safety Supervisor	2 and 3	Oct 08, 2021 1828
Palmdale	Public Works Director	2 and 3	Oct 08, 2021 1828
Palmdale	Senior Management Analyst	2 and 3	Oct 08, 2021 1828
Palmdale	Technology Division	2 and 3	Oct 08, 2021 1828
Palmdale	Traffic Signal and Street Light Manager	2 and 3	Oct 08, 2021 1828
Santa Clarita	Assistant Fire Chief	2 and 3	Oct 08, 2021 1828
Santa Clarita	City Engineer	2 and 3	Oct 08, 2021 1828
Santa Clarita	Community Services Liaison	2 and 3	Oct 08, 2021 1828
Santa Clarita	Emergency Manager	2 and 3	Oct 08, 2021 1828
Santa Clarita	Emergency Manager	2 and 3	Oct 08, 2021 1828
Santa Clarita	PIO	2 and 3	Oct 08, 2021 1828
Santa Clarita	SCV Sheriff Lieutenant	2 and 3	Oct 08, 2021 1828

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## October 08, 2021 to October 12, 2021

## **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
Santa Clarita	Traffic Engineer	Tier 2 and 3	Contacted Oct 08, 2021 1828
Santa Monica	Assemblyman Richard Bloom	2 and 3	
Santa Nonca Santa Paula	Management Analyst/PIO	2 and 3	Oct 08, 2021 1828
Simi Valley		2 and 3	
	Assistant City Manager Assistant Director of Public Works		
Simi Valley		2 and 3	,
Simi Valley	City Clerk	2 and 3	
Simi Valley	City Manager	2 and 3	,
Simi Valley	Councilmember	2 and 3	,
Simi Valley	Councilmember	2 and 3	
Simi Valley	Councilmember	2 and 3	Oct 08, 2021 1828
Simi Valley	Deputy City Manager/PIO	2 and 3	Oct 08, 2021 1828
Simi Valley	Deputy Director Maintenance	2 and 3	Oct 08, 2021 1828
Simi Valley	Director of Community Services	2 and 3	Oct 08, 2021 1828
Simi Valley	Emergency Operations Manager	2 and 3	Oct 08, 2021 1828
Simi Valley	Environmental Services Director	2 and 3	Oct 08, 2021 1828
Simi Valley	Mayor	2 and 3	Oct 08, 2021 1828
Simi Valley	Mayor Pro Tem	2 and 3	Oct 08, 2021 1828
Simi Valley	Police Chief	2 and 3	Oct 08, 2021 1828
Simi Valley	Principal Engineer	2 and 3	Oct 08, 2021 1828
Simi Valley	Public Works Director	2 and 3	Oct 08, 2021 1828
Simi Valley		2 and 3	Oct 08, 2021 1828
Simi Valley		2 and 3	Oct 08, 2021 1828
Simi Valley		2 and 3	Oct 08, 2021 1828
Simi Valley		2 and 3	Oct 08, 2021 1828
Simi Valley		2 and 3	Oct 08, 2021 1828
State Council on Development Disabilities		2 and 3	
State Council on Development Disabilities		2 and 3	



## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
Statewide Advisory Group Coordinator		Tier 2 and 3	<b>Contacted</b> Oct 08, 2021 1828
The Arc of California		2 and 3	
			Oct 08, 2021 1828
The Arc of California		2 and 3	Oct 08, 2021 1828
Topanga Coalition for Emergency Prepardness		2 and 3	,
United States Congress District 25	District Director	2 and 3	•
United States Congress District 25	Field Representative	2 and 3	Oct 08, 2021 1828
United States Congress District 25	Field Representative	2 and 3	Oct 08, 2021 1828
United States Congress District 27	District Office	2 and 3	,
United States Congress District 28	District Office	2 and 3	Oct 08, 2021 1828
United States Congress District 30	District Office	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant Chief - Operations	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant County Executive Officer	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant Director of Public Works	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant Fire Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant Fire Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Assistant Fire Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Chief Deputy Direcor	2 and 3	Oct 08, 2021 1828
Ventura County	Chief Deputy Director	2 and 3	Oct 08, 2021 1828
Ventura County	Chief of Staff	2 and 3	Oct 08, 2021 1828
Ventura County	County Clerk	2 and 3	Oct 08, 2021 1828
Ventura County	County Executive Officer	2 and 3	Oct 08, 2021 1828
Ventura County	County Supervisor	2 and 3	Oct 08, 2021 1828
Ventura County	County Supervisor	2 and 3	Oct 08, 2021 1828
Ventura County	County Supervisor	2 and 3	Oct 08, 2021 1828
Ventura County	Deputy County CEO	2 and 3	
Ventura County	Deputy Executive Officer	2 and 3	

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## October 08, 2021 to October 12, 2021

### **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
Ventura County	Director	2 and 3	Oct 08, 2021 1828
Ventura County	Director	2 and 3	Oct 08, 2021 1828
Ventura County	District Staff	2 and 3	Oct 08, 2021 1828
Ventura County	Division Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Division Fire Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Division Fire Chief	2 and 3	Oct 08, 2021 1828
Ventura County	Emergency Manager	2 and 3	Oct 08, 2021 1828
Ventura County	Emergency Manager	2 and 3	
Ventura County	Emergency Manager	2 and 3	,
Ventura County	Emergency Response	2 and 3	Oct 08, 2021 1828
Ventura County	Fire Chief	2 and 3	Oct 08, 2021 1828
Ventura County	General Services Agency Director	2 and 3	Oct 08, 2021 1828
Ventura County	IT Manager	2 and 3	Oct 08, 2021 1828
Ventura County	Program Administrator, Sustainability Division	2 and 3	Oct 08, 2021 1828
Ventura County	Public Information Officer	2 and 3	Oct 08, 2021 1828
Ventura County	Public Works Director	2 and 3	Oct 08, 2021 1828
Ventura County	Public Works Safety Officer	2 and 3	Oct 08, 2021 1828
Ventura County	Sheriff	2 and 3	Oct 08, 2021 1828
Ventura County	Supervisor	2 and 3	Oct 08, 2021 1828
Ventura County	Supervisor	2 and 3	Oct 08, 2021 1828
Ventura County	Treasurer/Tax Collector	2 and 3	Oct 08, 2021 1828
Ventura County	Wildfire Liaison	2 and 3	Oct 08, 2021 1828
Ventura County		2 and 3	Oct 08, 2021 1828
Ventura County		2 and 3	Oct 08, 2021 1828
Ventura County		2 and 3	Oct 08, 2021 1828
Ventura County		2 and 3	Oct 08, 2021 1828
Ventura County		2 and 3	Oct 08, 2021 1828



## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted HFTD Date/Time				
Jurisdiction / Organization	Title	Tier	Contacted	
Ventura County		2 and 3	Oct 08, 2021 1828	
Ventura County		2 and 3	Oct 08, 2021 1828	
Ventura County		2 and 3	Oct 08, 2021 1828	
Ventura County		2 and 3	Oct 08, 2021 1828	
Ventura County		2 and 3	Oct 08, 2021 1828	
Ventura County		2 and 3	Oct 08, 2021 1828	
211 California Network		2	Oct 09, 2021 1406	
211 California Network		2	Oct 09, 2021 1406	
211 California Network		2	Oct 09, 2021 1406	
California State Assembly District 34	Assemblymember	2	Oct 09, 2021 1406	
California State Assembly District 34	Field Representative	2	Oct 09, 2021 1406	
California State Assembly District 34	· · · · · · · · · · · · · · · · · · ·	2	Oct 09, 2021 1406	
CalTrans Dist 9		2	Oct 09, 2021 1406	
CalTrans Dist 9		2	Oct 09, 2021 1406	
CalTrans Dist 9		2	Oct 09, 2021 1406	
CalTrans Dist 9		2	Oct 09, 2021 1406	
ILC Kern County		2	Oct 09, 2021 1406	
Kern County	Chairman	2	Oct 09, 2021 1406	
Kern County	Communications Specialist	2	Oct 09, 2021 1406	
Kern County	County Administrator Officer	2	Oct 09, 2021 1406	
Kern County	County Clerk	2	Oct 09, 2021 1406	
Kern County	Duty Officer	2	Oct 09, 2021 1406	
Kern County	Emergency Services Coordinator	2	Oct 09, 2021 1406	
Kern County	Field Representative	2	Oct 09, 2021 1406	
Kern County	Fire Captain	2	Oct 09, 2021 1406	
Kern County	OES Planner	2	Oct 09, 2021 1406	
Kern County	Planning Director	2	Oct 09, 2021 1406	

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## October 08, 2021 to October 12, 2021

### **SECTION 06: Local and State Public Safety Partner Engagement**

### **Public Safety Partners Contacted**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
Kern County	Public Works Director	Tier 2	Contacted Oct 09, 2021 1406
Kern County	Sheriff	2	Oct 09, 2021 1406
Kern County	Supervisor	2	Oct 09, 2021 1406
Kern County	Supervisor	2	Oct 09, 2021 1406
Kern County	Vice Chair	2	Oct 09, 2021 1406
Kern County	Waste Management Specialist	2	Oct 09, 2021 1406
Kern County		2	Oct 09, 2021 1406
United States Congress District 23	District Administrator	2	Oct 09, 2021 1406
United States Congress District 23	Field Representative, Kern	2	Oct 09, 2021 1406
United States Congress District 23	Field Representative, Tulare County	2	Oct 09, 2021 1406
ACTON AGUA DULCE SCHOOL DIST		T2/T3	Oct 08, 2021 1830
AIR COMMUNICATION SERVICES INC		T2/T3	Oct 08, 2021 1830
AMERESCO CHIQUITA ENERGY LLC		T2	Oct 08, 2021 1830
AMERICAN BROADCASTING COMPANY		T2	Oct 08, 2021 1830
AMERICAN MEDICAL RESPONSE INC		T2	Oct 08, 2021 1830
AMERICAN TOWER CORPORATION		T2	Oct 08, 2021 1830
AMERICAN TOWER CORPORATION		Т3	Oct 08, 2021 1830
AMERICAN TOWER CORPORATION		Т3	Oct 08, 2021 1830
AMERICAN TOWER CORPORATION		Т3	Oct 08, 2021 1830
AMERICAN TOWER CORPORATION		Т3	Oct 08, 2021 1830
AMERICAN TOWER CORPORATION		T2	Oct 08, 2021 1830
AT & T LIGHTSPEED		T2	Oct 08, 2021 1830
AT&T		T2/T3	Oct 08, 2021 1830
AT&T CORPORATION		T2/T3	Oct 08, 2021 1830
AT&T CORPORATION		Т3	Oct 08, 2021 1830
AT&T CORPORATION		T2/T3	Oct 08, 2021 1830
AT&T CORPORATION		T2/T3	Oct 08, 2021 1830


### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
		Tier	Contacted
AT&T CORPORATION		T2	Oct 08, 2021 1830
AT&T CORPORATION		Т3	Oct 08, 2021 1830
AT&T CORPORATION		Т3	Oct 08, 2021 1830
AT&T CORPORATION		T2/T3	Oct 08, 2021 1830
AT&T CORPORATION		Т3	Oct 08, 2021 1830
AT&T CORPORATION		T2	Oct 08, 2021 1830
AT&T CORPORATION		T2	Oct 08, 2021 1830
AT&T CORPORATION		T2/T3	Oct 08, 2021 1830
AT&T CORPORATION		T2/T3	Oct 08, 2021 1830
AT&T CORPORATION		T2	Oct 08, 2021 1830
AT&T CORPORATION		T2	Oct 08, 2021 1830
AT&T MOBILITY		Т3	Oct 08, 2021 1830
AT&T WIRELESS SERVICES		Т3	Oct 08, 2021 1830
AT&T WIRELESS SERVICES		T2	Oct 08, 2021 1830
AT&T WIRELESS SERVICES		Т3	Oct 08, 2021 1830
AT&T WIRELESS SERVICES		T2/T3	Oct 08, 2021 1830
AT&T WIRELESS SERVICES		T2/T3	Oct 08, 2021 1830
AT&T WIRELESS SERVICES		Т3	Oct 08, 2021 1830
BBH8 INC		T2	Oct 08, 2021 1830
BRIARWOOD COMMUNITY ASSOCIATIO		Т3	Oct 08, 2021 1830
C BASE CORP		T2/T3	Oct 08, 2021 1830
CALABASAS, CITY OF		T2/T3	Oct 08, 2021 1830
CALIFORNIA RESOURCES PROD CORP		T2	Oct 08, 2021 1830
CALIFORNIA RESOURCES PROD CORP		T2	Oct 08, 2021 1830
CALIFORNIA STATE HIGHWY PATROL		T2/T3	Oct 08, 2021 1830
CALIFORNIA STATE HIGHWY PATROL		T2	Oct 08, 2021 1830
CALIFORNIA STATE HIGHWY PATROL		T2/T3	Oct 08, 2021 1830



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

#### **Public Safety Partners Contacted** Date/Time **HFTD** Jurisdiction / Organization Title Tier Contacted Oct 08, 2021 1830 CALIFORNIA VIRTUAL ACADEMYS T2 CALLEGUAS MUNICIPAL WATER DIST T2 Oct 08, 2021 1830 T2 Oct 08, 2021 1830 CALLEGUAS MUNICIPAL WATER DIST CALLEGUAS MUNICIPAL WATER DIST T2 Oct 08, 2021 1830 **CALTRANS** T2/T3 Oct 08, 2021 1830 CALTRANS Oct 08, 2021 1830 T2/T3 CALTRANS T3 Oct 08, 2021 1830 **CALTRANS** T2 Oct 08, 2021 1830 T2 Oct 08, 2021 1830 **CALTRANS** T2/T3 Oct 08, 2021 1830 **CALTRANS** CARBON CALIFORNIA COMPANY LLC T2/T3 Oct 08, 2021 1830 Oct 08, 2021 1830 CASTAIC UNION SCHOOL DIST T2 Oct 08, 2021 1830 CHARTER COMMUNICATIONS T2 CHARTER COMMUNICATIONS T2 Oct 08, 2021 1830 CHARTER COMMUNICATIONS INC T2 Oct 08, 2021 1830 CHARTER COMMUNICATIONS INC T2 Oct 08, 2021 1830 CHARTER COMMUNICATIONS INC T2 Oct 08, 2021 1830 CHEM ASSIST T2/T3 Oct 08, 2021 1830 CHEVRON INDUSTRIES INC T2 Oct 08, 2021 1830 T2 Oct 08, 2021 1830 CINGULAR WIRELESS Oct 08, 2021 1830 T2/T3 CINGULAR WIRELESS, LLC Oct 08, 2021 1830 CINGULAR WIRELESS, LLC T3 CINGULAR WIRELESS. LLC Oct 08. 2021 1830 T2/T3 CITY OF DREAMS HOME HEALTHCARE T2 Oct 08, 2021 1830 CRESCENTA VALLEY COUNTY WATER T2 Oct 08, 2021 1830 CRIMSON RESOURCE MANAGEMENT Т3 Oct 08. 2021 1830 CROWN CASTLE NG WEST LLC Oct 08, 2021 1830 T2



### October 08, 2021 to October 12, 2021

#### SECTION 06: Local and State Public Safety Partner Engagement

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
	inte	Tier	Contacted
CROWN CASTLE NG WEST LLC		T2	Oct 08, 2021 1830
CROWN CASTLE NG WEST LLC		T2/T3	Oct 08, 2021 1830
DELL HOME HEALTH CARE INC		T2	Oct 08, 2021 1830
DEPARTMENT OF AGRICULTURE		Т3	Oct 08, 2021 1830
DOERINGJIM		Т3	Oct 08, 2021 1830
FAITHFUL HOSPICE CARE INC		Т3	Oct 08, 2021 1830
FALCON HOLDING GROUP LP		T2	Oct 08, 2021 1830
FALCON HOLDING GROUP LP		T2	Oct 08, 2021 1830
FALCON HOLDING GROUP LP		Т3	Oct 08, 2021 1830
FEDERAL AVIATION ADMINISTRATIO		T2	Oct 08, 2021 1830
FILLMORE COUNTRY CLUB LLC		T2	Oct 08, 2021 1830
FILLMORE UNIFIED SCHOOL DIST		Т3	Oct 08, 2021 1830
FILLMORE, CITY OF		T2	Oct 08, 2021 1830
FREE SPIRIT HOSPICE, INC		T2	Oct 08, 2021 1830
FRONTIER COMMUNICATIONS		T2	Oct 08, 2021 1830
FRONTIER COMMUNICATIONS CORP		T2/T3	Oct 08, 2021 1830
FRONTIER COMMUNICATIONS CORP		T2/T3	Oct 08, 2021 1830
FRONTIER COMMUNICATIONS CORP		Т3	Oct 08, 2021 1830
GATEWAY SURGERY CENTER LLC		T2	Oct 08, 2021 1830
GLENDALE ELECTRONIC		Т3	Oct 08, 2021 1830
GLOBAL SIGNAL INC		T2	Oct 08, 2021 1830
GLOBAL SIGNAL INC		T2	Oct 08, 2021 1830
GLOBAL SIGNAL INC		T2	Oct 08, 2021 1830
GOLDEN STATE WATER COMPANY		Т3	Oct 08, 2021 1830
GOODENOUGH MUTUAL WATER CO		T2	Oct 08, 2021 1830
GREENFIELD CARECENTER OF FILMO		T2	Oct 08, 2021 1830
GUMBAROMEO		T2	Oct 08, 2021 1830



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
		Tier	Contacted
HILLTOP MUTUAL WATER		T2	Oct 08, 2021 1830
KAY, JAMES A		Т3	Oct 08, 2021 1830
KERR-MCGEE OIL & GAS ON SHORE		Т3	Oct 08, 2021 1830
KINNELOA IRRIGATION		T2	Oct 08, 2021 1830
L.B.T.H. INC		T2	Oct 08, 2021 1830
LA COUNTY SANITATION DISTRICT		Т3	Oct 08, 2021 1830
LA-RICS		Т3	Oct 08, 2021 1830
LAS VIRGENES MUNICIPAL WTR DST		Т3	Oct 08, 2021 1830
LAS VIRGENES MUNICIPAL WTR DST		T2/T3	Oct 08, 2021 1830
LAS VIRGENES MUNICIPAL WTR DST		Т3	Oct 08, 2021 1830
LAS VIRGENES MUNICIPAL WTR DST		T2	Oct 08, 2021 1830
LAS VIRGENES UNIFIED SCHL DST		T2/T3	Oct 08, 2021 1830
LAS VIRGENES UNIFIED SCHL DST		Т3	Oct 08, 2021 1830
LINCOLN AVENUE WATER COMPANY		T2	Oct 08, 2021 1830
LODESTAR TOWERS, INC		T2	Oct 08, 2021 1830
LODESTAR TOWERS, INC		Т3	Oct 08, 2021 1830
LODESTAR TOWERS, INC		Т3	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		Т3	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		T2	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		T2	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		T2/T3	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		T2/T3	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		T2	Oct 08, 2021 1830
LOS ANGELES COUNTY FIRE DEPT		T2/T3	Oct 08, 2021 1830
LOS ANGELES COUNTY ISD		Т3	Oct 08, 2021 1830
LOS ANGELES COUNTY ISD		T2	Oct 08, 2021 1830
LOS ANGELES COUNTY ISD		T2/T3	Oct 08, 2021 1830



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
	inte	Tier	Contacted
LOS ANGELES COUNTY ISD		T2	Oct 08, 2021 1830
LOS ANGELES COUNTY ISD		T2	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		Т3	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		Т2/Т3	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		Т2	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		T2/T3	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		Т2	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		Т2	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		Т3	Oct 08, 2021 1830
LOS ANGELES COUNTY PUBLIC WORK		T2	Oct 08, 2021 1830
LOS ANGELES DEPT OF WTR & POWR		Т3	Oct 08, 2021 1830
LOS ANGELES DEPT OF WTR & POWR		T2	Oct 08, 2021 1830
LOS ANGELES, CITY OF		Т3	Oct 08, 2021 1830
LOS ANGELES, CITY OF		Т3	Oct 08, 2021 1830
MAGNIFICENT HEALTH CARE SYSTEM		T2	Oct 08, 2021 1830
MALIBU, CITY OF		Т2	Oct 08, 2021 1830
MARCUS CABLE ASSOCIATION		Т3	Oct 08, 2021 1830
METROLINK		Т3	Oct 08, 2021 1830
METROLINK		T2/T3	Oct 08, 2021 1830
METROLINK		Т3	Oct 08, 2021 1830
METROPOLITAN WATER DISTRICT		T2/T3	Oct 08, 2021 1830
MOBILE RELAY ASSOC		Т3	Oct 08, 2021 1830
MOUNTAIN INVESTMENT		T2	Oct 08, 2021 1830
NEW VISTA HEALTH SERVICES LLC		T2	Oct 08, 2021 1830
NEXTEL COMMUNICATIONS, INC		T2/T3	Oct 08, 2021 1830
NEXTEL COMMUNICATIONS, INC		T2	Oct 08, 2021 1830
NEXTEL COMMUNICATIONS, INC		Т3	Oct 08, 2021 1830



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Title	HFTD	Date/Time
		Contacted
		Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	Т3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	Т3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2/T3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	Т3	Oct 08, 2021 1830
	Т3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	Т3	Oct 08, 2021 1830
	T2	Oct 08, 2021 1830
	Title	Title     Tier       T3     T3       T2     T2/T3       T2     T2/T3       T2     T2       T2     T2       T2     T2       T2     T2       T2     T2       T2/T3     T2/T3       T2/T3     T2/T3       T2/T3     T2/T3       T2/T3     T2/T3       T2     T2       T2     T3       T2     T3       T2     T3       T2     T3       T2     T3       T2     T2       T2     T3       T2     T2       T2     T3       T3     T3       T3     T3       T3     T3       T3     T3       T3     T3



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
	inte	Tier	Contacted
SOUTHERN CALIFORNIA GAS CO		Т3	Oct 08, 2021 1830
SOUTHERN CALIFORNIA GAS CO		T2	Oct 08, 2021 1830
SOUTHERN CALIFORNIA GAS CO		Т3	Oct 08, 2021 1830
SOUTHERN CALIFORNIA GAS CO		T2/T3	Oct 08, 2021 1830
SOUTHERN CALIFORNIA GAS CO		Т3	Oct 08, 2021 1830
SOUTHERN CALIFORNIA GAS CO		Т3	Oct 08, 2021 1830
SOUTHERN CALIFORNIA REGIONAL		Т3	Oct 08, 2021 1830
SOUTHERN PACIFIC CO		T2	Oct 08, 2021 1830
SOUTHERN PACIFIC CO		Т3	Oct 08, 2021 1830
SOUTHERN PACIFIC CO		T2	Oct 08, 2021 1830
SOUTHERN PACIFIC CO		Т3	Oct 08, 2021 1830
SPRINT CORPORATE		T2/T3	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		T2	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		T2	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		T2	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		T2/T3	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		Т3	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		Т3	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		T2	Oct 08, 2021 1830
SPRINT NEXTEL CORPORATION		T2	Oct 08, 2021 1830
SPRINT PCS ASSETS		T2	Oct 08, 2021 1830
SPRINT PCS ASSETS		T2	Oct 08, 2021 1830
SPRINT TELEPHONY PCS L.P		T2/T3	Oct 08, 2021 1830
SULPHUR SPRINGS SCHOOL DIST		T2	Oct 08, 2021 1830
SULPHUR SPRINGS SCHOOL DIST		Т3	Oct 08, 2021 1830
T MOBILE USA		T2/T3	Oct 08, 2021 1830
T MOBILE WEST		T2	Oct 08, 2021 1830



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
		Tier	Contacted
T MOBILE WEST, LLC		Т3	Oct 08, 2021 1830
T MOBILE WEST, LLC		Т3	Oct 08, 2021 1830
T MOBILE WEST, LLC		T2	Oct 08, 2021 1830
T MOBILE WEST, LLC		T2	Oct 08, 2021 1830
T MOBILE WEST, LLC		T2/T3	Oct 08, 2021 1830
T MOBILE WEST, LLC		Т3	Oct 08, 2021 1830
T MOBILE WEST, LLC		Т2	Oct 08, 2021 1830
T MOBILE WEST, LLC		T2/T3	Oct 08, 2021 1830
T.E. ADAMS PET CORP		T2/T3	Oct 08, 2021 1830
TEG OIL & GAS USA INC		Т2	Oct 08, 2021 1830
TERMO COMPANY, THE		Т2	Oct 08, 2021 1830
TERMO COMPANY, THE		T2/T3	Oct 08, 2021 1830
THOMPSON OIL CO INC		Т2	Oct 08, 2021 1830
THOMPSON OIL CO,INC		T2/T3	Oct 08, 2021 1830
THOMPSON OIL INC		T2/T3	Oct 08, 2021 1830
TIME WARNER CABLE		T2	Oct 08, 2021 1830
TIME WARNER CABLE		Т2	Oct 08, 2021 1830
TIME WARNER CABLE		Т3	Oct 08, 2021 1830
TIME WARNER CABLE		Т2	Oct 08, 2021 1830
TIME WARNER CABLE		T2	Oct 08, 2021 1830
TIME WARNER CABLE		T2	Oct 08, 2021 1830
TIME WARNER COMMUNICATIONS		T2/T3	Oct 08, 2021 1830
TIME WARNER COMMUNICATIONS		Т3	Oct 08, 2021 1830
TIME WARNER COMMUNICATIONS		T2	Oct 08, 2021 1830
TIME WARNER COMMUNICATIONS		T2/T3	Oct 08, 2021 1830
TREITELMARTIN		T2/T3	Oct 08, 2021 1830
US DEPARTMENT OF THE INTERIOR		T2/T3	Oct 08, 2021 1830



### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Jurisolicition / Organization     Inte     Tier     Contacted       VALENCIA HEIGHTS WATER     T3     Oct 08, 2021 1830     Valhalla WTR ASSN     T2/T3     Oct 08, 2021 1830       VENTURA COUNTY WATERWKS 8     T3     Oct 08, 2021 1830     VENTURA COUNTY WATERWKS 8     T2     Oct 08, 2021 1830       VENTURA COUNTY OF     T2     Oct 08, 2021 1830     VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830     VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830     VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENIZON CALIFORNIA     CEVIZON WIRELESS     T2     Oct 08, 2021 1830     VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830     VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830     VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830     VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3 </th <th>Public Safety Partners Contacted</th> <th></th> <th></th> <th></th>	Public Safety Partners Contacted			
Iter     Contacted Contacted VALENCIA HEIGHTS WATER     T3     Oct 08, 2021 1830       VALHALLA WTR ASSN     T2/T3     Oct 08, 2021 1830       VENTURA COUNTY WATERWKS 8     T3     Oct 08, 2021 1830       VENTURA, COUNTY WATERWKS 8     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VERIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830 <th>Jurisdiction / Organization</th> <th>Title</th> <th></th> <th>Date/Time</th>	Jurisdiction / Organization	Title		Date/Time
VALHALLA WTR ASSN     T2/T3     Oct 08, 2021 1830       VENTURA COUNTY WATERWKS 8     T3     Oct 08, 2021 1830       VENTURA REGIONAL SANITATION DT     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VERIZON ALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS				
VENTURA COUNTY WATERWKS 8     T3     Oct 08, 2021 1830       VENTURA REGIONAL SANITATION DT     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENIA, COUNTY OF     T3     Oct 08, 2021 1830       VENIA, COUNTY OF     T2     Oct 08, 2021 1830       VENIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3				
VENTURA REGIONAL SANITATION DT     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VEDIA NORTH AMERICA SERV INC     T3     Oct 08, 2021 1830       VERIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS	VALHALLA WTR ASSN		T2/T3	,
VENTURA, COUNTY OF     T2     Oct 08, 2021 1830       VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VEOLIA NORTH AMERICA SERV INC     T3     Oct 08, 2021 1830       VERIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3 <t< td=""><td>VENTURA COUNTY WATERWKS 8</td><td></td><td>T3</td><td></td></t<>	VENTURA COUNTY WATERWKS 8		T3	
VENTURA, COUNTY OF     T3     Oct 08, 2021 1830       VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VEDUA NORTH AMERICA SERV INC     T3     Oct 08, 2021 1830       VERIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3	VENTURA REGIONAL SANITATION DT		T2/T3	Oct 08, 2021 1830
VENTURA, COUNTY OF     T2/T3     Oct 08, 2021 1830       VEOLIA NORTH AMERICA SERV INC     T3     Oct 08, 2021 1830       VERIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oc	VENTURA, COUNTY OF		T2	Oct 08, 2021 1830
VEOLIA NORTH AMERICA SERV INC     T3     Oct 08, 2021 1830       VERIZON CALIFORNIA     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VILEWPOINT EDUCATION     T3     Oct	VENTURA, COUNTY OF		Т3	Oct 08, 2021 1830
VERIZON CALIFORNIA     T2     Oct 09, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T3     Oct 09, 2021 1830 <td>VENTURA, COUNTY OF</td> <td></td> <td>T2/T3</td> <td>Oct 08, 2021 1830</td>	VENTURA, COUNTY OF		T2/T3	Oct 08, 2021 1830
VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 09, 2021 1504       AT&T CORPORATION     T2/T3     Oct 09, 2021 1504 <td>VEOLIA NORTH AMERICA SERV INC</td> <td></td> <td>Т3</td> <td>Oct 08, 2021 1830</td>	VEOLIA NORTH AMERICA SERV INC		Т3	Oct 08, 2021 1830
VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 09, 2021 1504       AT&T CORPORATION     T2/T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504	VERIZON CALIFORNIA		T2	Oct 08, 2021 1830
VERIZON WIRELESS     T2/T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T2/T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504	VERIZON WIRELESS		T2	Oct 08, 2021 1830
VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 08, 2021 1830       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T3     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		Т3	Oct 08, 2021 1830
VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T3     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 08, 2021 1830       AT&T CORPORATION     T2/T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		T2/T3	Oct 08, 2021 1830
VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T3     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 08, 2021 1830       AT&T CORPORATION     T2/T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		Т3	Oct 08, 2021 1830
VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T3     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		T2	Oct 08, 2021 1830
VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T2     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		T3	Oct 08, 2021 1830
VERIZON WIRELESS     T3     Oct 08, 2021 1830       VERIZON WIRELESS     T2     Oct 08, 2021 1830       VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T2     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		Т3	Oct 08, 2021 1830
VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		T3	Oct 08, 2021 1830
VIEWPOINT EDUCATION     T3     Oct 08, 2021 1830       WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS		T2	Oct 08, 2021 1830
WILLSCATALINA     T2     Oct 08, 2021 1830       WINKLERMIKE     T3     Oct 08, 2021 1830       AT&T CORPORATION     T2/T3     Oct 09, 2021 1504       AT&T MOBILITY     T3     Oct 09, 2021 1504       VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VIEWPOINT EDUCATION		Т3	
WINKLERMIKE   T3   Oct 08, 2021 1830     AT&T CORPORATION   T2/T3   Oct 09, 2021 1504     AT&T MOBILITY   T3   Oct 09, 2021 1504     VERIZON WIRELESS   T3   Oct 09, 2021 1504     T MOBILE WEST, LLC   T2   Oct 09, 2021 1504     TIME WARNER CABLE   T3   Oct 09, 2021 1504	WILLSCATALINA		T2	Oct 08, 2021 1830
AT&T CORPORATION   T2/T3   Oct 09, 2021 1504     AT&T MOBILITY   T3   Oct 09, 2021 1504     VERIZON WIRELESS   T3   Oct 09, 2021 1504     T MOBILE WEST, LLC   T2   Oct 09, 2021 1504     TIME WARNER CABLE   T3   Oct 09, 2021 1504	WINKLERMIKE		Т3	
AT&T MOBILITY   T3   Oct 09, 2021 1504     VERIZON WIRELESS   T3   Oct 09, 2021 1504     T MOBILE WEST, LLC   T2   Oct 09, 2021 1504     TIME WARNER CABLE   T3   Oct 09, 2021 1504	AT&T CORPORATION		T2/T3	· · · · · · · · · · · · · · · · · · ·
VERIZON WIRELESS     T3     Oct 09, 2021 1504       T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	AT&T MOBILITY			
T MOBILE WEST, LLC     T2     Oct 09, 2021 1504       TIME WARNER CABLE     T3     Oct 09, 2021 1504	VERIZON WIRELESS			
TIME WARNER CABLE     T3     Oct 09, 2021 1504				
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### October 08, 2021 to October 12, 2021

#### **SECTION 06: Local and State Public Safety Partner Engagement**

Public Safety Partners Contacted			
Jurisdiction / Organization	Title	HFTD	Date/Time
	inte	Tier	Contacted
NEXTEL COMMUNICATIONS, INC		Т3	Oct 09, 2021 1504
AT&T CORPORATION		T2/T3	Oct 09, 2021 1503
T MOBILE WEST, LLC		T2/T3	Oct 09, 2021 1503
AT&T WIRELESS SERVICES		T2/T3	Oct 09, 2021 1503
VERIZON WIRELESS		Т2/Т3	Oct 09, 2021 1503
SPRINT NEXTEL CORPORATION		T2/T3	Oct 09, 2021 1503
FEDERAL AVIATION ADMINISTRATIO		T2	Oct 10,2021 1341
AT&T CORPORATION		T2	Oct 10,2021 1341
AT&T CORPORATION		T2	Oct 10,2021 1341
CALIFORNIA STATE HIGHWY PATROL		T2	Oct 10,2021 1341
DWR - STATE WATER PROJECTS		T2	Oct 10,2021 1341
VERIZON WIRELESS		T2	Oct 10,2021 1341
T MOBILE WEST, LLC		Т3	Oct 10,2021 1341
PBF ENERGY COMPANY LLC		Т3	Oct 10,2021 1341
NRG SOLAR ALPINE		Т3	Oct 10,2021 1341
LOS ANGELES COUNTY ISD		Т3	Oct 10,2021 1341
LOS ANGELES COUNTY ISD		T2	Oct 10,2021 1341
LEBEC CO WATER DIST		T2	Oct 10,2021 1341
MOUNTAIN INVESTMENT		T2	Oct 10,2021 1341
ELECTRIC LIGHT WAVE		Т3	Oct 10,2021 1341
LOS ANGELES COUNTY FIRE DEPT		T2	Oct 10,2021 1341
LA-RICS		Т3	Oct 10,2021 1341
SOUTHERN CALIFORNIA GAS CO		T2/T3	Oct 10,2021 1341
SPRINT NEXTEL CORPORATION		T2	Oct 10,2021 1341
AT&T		T2	Oct 10,2021 1341



October 08, 2021 to October 12, 2021

#### SECTION 06: Local and State Public Safety Partner Engagement

#### **Entities Invited to SCE Emergency Operations Center**

Entitles invited to SCE Emergency Operations Center			
Entity	Туре		
Cal Fire	Public Safety Partner		
California Governor's Office of Emergency Services (CalOES)	Public Safety Partner		
California Health and Human Services (CHHS)	Public Safety Partner		
California Public Utitilies Commission (CPUC)	Public Safety Partner		
Energy Safety	Public Safety Partner		
Los Angeles County Duty Officer	Public Safety Partner		
Los Angeles County Fire Dept	Public Safety Partner		
Los Angeles County Sherrif	Public Safety Partner		
Ventura County Duty Officer	Public Safety Partner		
Ventura County Fire Dept	Public Safety Partner		
Ventura County Sherrif	Public Safety Partner		
AMERICAN TOWER CORPORATION	Critical Infrastructure		
AT&T WIRELESS SERVICES	Critical Infrastructure		
CALABASAS, CITY OF	Critical Infrastructure		
CALIFORNIA RESOURCES PROD CORP	Critical Infrastructure		
CHEVRON INDUSTRIES INC	Critical Infrastructure		
FILLMORE UNIFIED SCHOOL DIST	Critical Infrastructure		
GOLDEN STATE WATER COMPANY	Critical Infrastructure		
LAS VIRGENES MUNICIPAL WTR DST	Critical Infrastructure		
LOS ANGELES COUNTY ISD	Critical Infrastructure		
METROPOLITAN WATER DISTRICT	Critical Infrastructure		
SANTA CLARITA VALLEY WTR AGNCY	Critical Infrastructure		
SULPHUR SPRINGS SCHOOL DIST	Critical Infrastructure		
T MOBILE USA	Critical Infrastructure		
VENTURA REGIONAL SANITATION DT	Critical Infrastructure		
VEOLIA NORTH AMERICA SERV INC	Critical Infrastructure		
VERIZON CALIFORNIA	Critical Infrastructure		



October 08, 2021 to October 12, 2021

### SECTION 06: Local and State Public Safety Partner Engagement

Entities Invited to SCE Emergency Operations Center	
Entity	Туре
VERIZON WIRELESS	Critical Infrastructure



### SCE Post-Event Report Data October 08, 2021 to October 12, 2021

#### **SECTION 07: Complaints and Claims**

Count and Nature of Complaints Received	
Nature of Complaints	Number of Complaints
<b>PSPS Frequency/Duration</b> 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.	4
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
<b>Communications/Notifications</b> 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)	0
<b>Outreach/Assistance</b> 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.	5
Total	11



October 08, 2021 to October 12, 2021

#### **SECTION 09: Community Resource Centers**

Community Resource Centers				
Address	Location Type	Describe the assistance available	Hours of Operations (Date / Time)	Number of Visitors
Simi Valley Senior Center -3900 Avenida Simi, Simi Valley	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-12PM	75
Fillmore Adult Community Center - 533 Santa Clara Ave., Fillmore	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	70

Acton Community Center - 3748 Nickels St., Acton	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	5
Residence Inn - 25320 The Old Rd., Stevenson Ranch	Building	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	7
Calabasas City Hall - 100 Civic Center Way, Calabasas	Community Crew Vehicle (Outdoor)	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	11

Frazier Mountain Park - 3801 Park Dr., Frazier Park	Community Crew Vehicle (Outdoor)	Small portable device charging (such as a cell phone or laptop), seasonal heating and cooling, ice vouchers or ice, water, snacks, blankets, and customer resiliency kits	10/11 - 10AM-10PM 10/12 - 8AM-10AM	150
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SECTION 11. Lessons Learned

# SCE Post-Event Report Data

### October 08, 2021 to October 12, 2021

Lessons Learned		
Issue	Discussion	Resolution
SCE experienced some difficulties in coordinating with adjacent utilities to notify SCE "fringe" customers served by the adjacent utility.	There was confusion in coordinating notifications to customers served by another utility during this event.	Further refine notification protocols between utilities to address the scenario of shared circuits and notifications.
	The process for issuing notifications to these customers is not well understood or fully developed.	Develop notification protocol and supporting procedures to address scenarios where a customer is momentarily de-energized pending manual switching action to minimize PSPS impacts.

SCE partners with Community-Based	SCE identified an opportunity to collect after-	Coordinate with external community partners to
Organizations (CBOs) during PSPS	hours contact(s) information from CBO partners to	identify after hour contact(s) for addressing escalated
events to provide support for Medical	assist in identifying escalated support solutions.	support requests during events. Develop a protocol to
Baseline customers (including Critical		intake and triage requests received after hours into the
Care) who may be de-energized. This		response structure when the liaison role is not
coordination is mainly during regular		activated into a night shift.
business hours. During this event, SCE		
triaged two escalated requests for		
support received from SCE's Consumer		
Affairs department after hours.		

Appendix B

PSPS\_Event\_20211011\_De-Energized-CircuitOutageAreas.gdb.zip

This appendix can be accessed at:

https://library.sce.com/?10000\_group.propertyvalues.property=jcr%3Acontent%2Fmetadata%2F cq%3Atags&10000\_group.propertyvalues.operation=equals&10000\_group.propertyvalues.0\_val ues=sce-document-library%3APSPS-Reports-to-the-CPUC%2FEvent-Reporting%2F2021