

## PSPS Forecasted Elevated Fire Weather Conditions

### After Action Report / Improvement Plan

DATE: 11.18.2021

Name	PSPS 11.18.21 IMT Activation	Activation Dates	11.18.21 – 11.21.21
Type / Category	PSPS Activation - Forecasted Elevated Fire Weather Conditions		

#### **Activation Summary, Scenario**

This PSPS event began when SCE activated its virtual Emergency Operations Center on November 18, 2021, at 12:30 pm. SCE meteorologists had forecasted the potential for fire weather conditions in localized portions of Los Angeles and Ventura counties. Locally gusty Santa Ana winds were expected to start in the early morning November 21<sup>st</sup> and continue through early morning November 22<sup>nd</sup>.

On November 19<sup>th</sup>, SCE meteorologists identified additional areas of concern for fire weather in Ventura, Los Angeles, Riverside, San Bernardino, Kern, and Orange counties. Peak winds were forecasted during the period of concern for these areas from 12 am to 9 pm on November 21<sup>st</sup>. 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. There were initially 125,996, customers in scope for potential de-energization 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 in scope and ultimately only proactively de-energized 5,235 customers during this event in portions of Ventura, San Bernardino, Riverside, and Los Angeles counties. Service to all customers was restored on November 22<sup>nd</sup> at 1:45 pm.

#### **Strengths:**

1. 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 emails links to the engagement survey once the event has concluded.
  - One participant completed SCE's engagement survey for the 11.18 event; of which, the participant rated the engagement with SCE as positive.

#### **Areas for improvement:**

1. To minimize unnecessary notification of customers who will not be de-energized if their circuits do not meet de-energization criteria. However, those customers could potentially need to be de-energized with no prior notification if actual wind speed conditions in the field exceed forecasted values.

2. Analyze delays in processing updated weather forecasts and determining real-time circuits status and associated customer counts, which are required inputs for supporting in-event external reporting and briefing requirements.

### **Corrective Actions**

	<b>Area for Improvement</b>	<b>Recommended Solution</b>	<b>Owner</b>	<b>Resolution Date</b>
1	To minimize potentially notifying customers who were not likely to be de-energized, SCE did not send pre-event notifications for covered conductor circuits unless the forecast was expected to meet or exceed the de-energization threshold.	SCE continues to assess options for striking the right balance between providing enough notice for customers to prepare for potential de-energizations with not unnecessarily notifying customers who are unlikely to be de-energized. These options include potentially adding a buffer to help account for forecast bias and minimize the need to de-energize customers with short or no notice.	"employee name removed"	3/31/2022
2	Access to situational awareness data was delayed during this event, which in some cases resulted in inconsistent reporting to public safety partners during external briefings	As described in its Action Plan, SCE continues to work with Palantir to reduce processing time through automation of core PSPS processes ahead of 2022 PSPS events.	"employee name removed"	3/31/2022