

## PSPS Forecasted Elevated Fire Weather Conditions

### After Action Report / Improvement Plan

DATE: 10.22.2021

<b>Name</b>	PSPS 10.22.21 IMT Activation	<b>Activation Dates</b>	10.22.21
<b>Type / Category</b>	<b>PSPS Activation - Forecasted Elevated Fire Weather Conditions</b>		

#### Activation Summary. Scenario

This PSPS event began when SCE activated its Emergency Operations Center on October 22nd, 2021, at 9 am. Before October 22nd, SCE's meteorologists were aware of potentially elevated fire weather for portions of Central and Southern California. However, in-house and external weather models were consistently forecasting relative humidity levels would remain high enough to prevent Fire Potential Index<sup>2</sup> (FPI) ratings from reaching PSPS criteria in the SCE service territory. At approximately 8:30 am on October 22nd, SCE began observing rapidly escalating wind speeds, lower humidity levels and higher FPI values than forecast in portions of Mono County, which ultimately required the use of proactive de-energization. Given this observed fire weather, SCE's meteorology and fire science experts consulted the Geographic Area Coordination Center (GACC).<sup>3</sup> The GACC indicated they did not foresee prolonged elevated fire weather concerns but did agree with SCE's assessment of the potential for elevated fire weather in the local area. As observed, these fire weather conditions met SCE's established PSPS thresholds for proactive de-energization.

In response, SCE activated its PSPS Dedicated Incident Management Team (IMT) on the morning of October 22nd at approximately 9 am to manage this event. SCE ultimately de-energized 112 customers on the Tufa circuit in Mono County during the period of concern at 9:26 am on October 22nd. After patrolling the circuit for damage (and remediating one identified instance of damage), service to 111 customers was restored on the same day at 4:29 pm. One remaining de-energized customer was not restored in accordance with a long-standing agreement with that customer to disconnect electric service during times of year when the customer's seasonal business is closed.

**Strengths:**

- SCE Weather Services quickly escalated the sudden onset of dangerous unexpected weather conditions. The Dedicated PSPS mobilized quickly to manage the de-energization event in accordance with the PSPS protocol.

**Areas for improvement:**

- Continue to refine weather and fuel forecasting capabilities consistent with identified WMP activities to minimize instances of sudden onset of unexpected weather conditions to the extent possible.

**Corrective Actions**

	Area for Improvement	Recommended Solution	Owner	Resolution Date
1.	Consistent with public/external weather forecasts, SCE's weather models forecasted FPI values below PSPS thresholds because relative humidity levels were expected to be higher than actual observed humidity levels in the areas of concern on the day of this event.	Continue to refine weather and fuel forecasting capabilities consistent with identified WMP activities to minimize instances of sudden onset of unexpected weather conditions to the extent possible.	"employee name removed"	12/31/2022