

## Business Resiliency After Action Report

Event Name	Event - 06.17.2022 PSPS Activation	Event Date	06.15.22 – 06.17.22
Event Type	PSPS Activation - Forecasted Elevated Fire Weather Conditions		

### **Activation Summary:**

This PSPS event began when SCE activated its Emergency Operations Center on June 15, 2022 at 12:00pm. During that event, SCE's meteorologists identified the potential for fire weather conditions in localized portions of Inyo on the Birchim circuit beginning on June 17 with a final period of concern from 9:00am June 17th to 6:00pm June 17th.

Given this forecast, SCE's meteorology and fire science experts maintained close communication with the Geographic Area Coordination Center (GACC)[1] to evaluate the potential fire weather. During this communication, the GACC indicated agreement with SCE's forecast of elevated fire weather. SCE activated its PSPS Dedicated Incident Management Team (IMT) remotely on June 15th at 12:00pm to manage this event. Leveraging observed 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, SCE was ultimately able to avoid de-energizing the Birchim circuit during this event.

### **Strengths:**

#### Operations:

- There were no injuries to the public or SCE personnel.
- There were no ignitions caused by SCE equipment.
- Pre-patrols on potentially impacted circuits were performed and hardware damage was able to be repaired prior to the period of concern.
- Field resources were able to be re-located to patrol additional sections of circuits and the narrow scope of this event allowed for added flexibility.
- The Rules of engagement were visible for the team to review/execute

#### Technology:

- iPEMS/CDP worked well and the Planning section was able to quickly extract data for CalOES decks and forms.
- The use of new machine models enabled Weather Services to isolate circuits in scope for minimal customer impacts

#### Communication:

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- The CDP functioned well and was able to provide broad situational awareness enabling improved cross functional communication.

### Other:

- The 2022.6.17 PPS activation provided an excellent opportunity for surge IMT team members to complete re-qualification in a real time activation.
- This incident provided the IMT with the opportunity to validate the CDP use cases in a small real-world activation.


### **Areas for improvement:**

#### Operations:

- One weather station was not producing 10-minute reads in iPEMS and it was necessary to switch to use of the Western Weather dashboard for weather station information. This information was used at 30 second intervals instead of 10-minute intervals for weather reads to make potential de-energization decisions.
- The IMT experienced delays preparing the in-event risk calculator output during this event

#### Technology:

- Not all PPS IMT Surge Team members have experience with the new Centralized Data Platform
- The Centralized Data Platform was not able to execute LNO event all-clear notifications.

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### Lessons Learned/Corrective Actions Table

#	Priority	Description	Recommended Solution	Category	Owner	Date
1	High	One weather station was not producing 10-minute reads in iPEMS and it was necessary to switch to use of the Western Weather dashboard for weather station information. This information was used at 30 second intervals instead of 10-minute intervals for weather reads to monitor wind speed conditions.	Work with IT to evaluate and resolve the cause of the weather station delay.  Conduct Joint IOU benchmarking on benefits of more frequent weather station reads for situational awareness awareness. Partner with PSPS Operations, Meterology and others to assess potential benefits to using more frequent weather station reads for decision making.	Technology	"employee name removed"	9/30/2022
2	High	IMT experienced delays preparing the in-event risk calculator output during this event	Automate the in event risk calculation process and provide refresher training to impacted IMT roles.	Technology (Palantir)	"employee name removed"	9/30/2022
3	High	The Centralized Data Platform was not able to execute LNO event all-clear notifications.	Determine why CDP was not able to execute all-clear notifications and make necessary corrections.	Technology (Palantir)	"employee name removed"	7/30/2022

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4	High	Not all PSPS IMT Surge Team members have experience with the new Centralized Data Platform.	Perform additional CDP training for impacted PSPS IMT Surge Members.	Technology (Palantir)	"employee name removed"	9/30/22