

Southern California Edison
2022-WMPs – 2022 Wildfire Mitigation Plan Updates

DATA REQUEST SET O E I S - S C E - 2 2 - 0 0 2

To: Energy Safety
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Job Title: Sr Manager Business Process Improvement
Received Date: 3/15/2022

Response Date: 3/18/2022

Question 09:

Segment-Level PSPS Notifications:

- a. SCE identified opportunities to further integrate the workflows between our operational (grid-focused) team and our customer-facing (notification and communications) team on page 533 of the WMP. This resulted in a project to use Palantir's Foundry system to build automation into the process to better integrate PSPS, customer, and grid data, thereby eliminating most of the manual efforts and handoffs. In a recent letter to the CPUC, SCE Executive Vice President of Operations, Jill Anderson, informed that in 2021 there was a 76% over-notification to people ultimately not de-energized. SCE's grid hardening work has enabled segment level de-energization decision-making, but the customer notifications are still conducted at the circuit level. This highlights the importance of maintaining parity of segmentation between notification and actual de-energization.
- i. Are there plans to notify customers regarding PSPS events at the segment level?
- ii. If there are plans to notify customers regarding PSPS events at the segment level, what is the timeline for implementing segment-level notification?
- iii. If there are no plans to notify customers regarding PSPS events at the segment level, what is the reasoning behind this decision?
- iv. If there are one or more technical issues that prohibit or otherwise make segment-level notification impossible or impractical, explain those issues.

Response to Question 09:

1. SCE does not have plans at this time to send advance 24-48 hour notifications to customers at the segment level. SCE does send in-event notifications, including 1-4 hour imminent notification, at the segment level whenever possible based on actual conditions.
2. N/A
3. SCE relies on circuit-level weather forecasting to inform advance 24-48 hour notifications. Current forecast limitations preclude SCE from accurately forecasting at the more granular segment level because the area covered by the circuit segments is smaller than the granularity of SCE's most resolute weather models. Furthermore, current state-of-art dynamical weather models, such as the ones used by SCE, are not designed to be run at scales more granular than 1 - 2km because they may result in undesired feedback effects that degrade the forecast.
4. See 3 above.