

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

DATA REQUEST SET O E I S - S C E - 2 2 - 0 0 7

To: Energy Safety
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Received Date: 4/12/2022

Response Date: 4/15/2022

Question 01 :

Fast Curve Setting Modifications and Reliability Impact

- a. CalAdvocates-SCE-2022WMP-08 data request provides slides (“Improved Fast Curve Setting Strategy”) presented by SCE during a March 18, 2022, meeting with Cal Advocates. Slide 4 compares existing versus new Fast Curve settings.
- i. Does SCE expect its new FC settings to result in any changes to reliability impacts? If yes, please provide information on these changes.
- ii. Please also provide any analysis performed to determine these projected reliability impacts.

Response to Question 01 :

- i. SCE’s modifications to the FC setting criteria are expected to increase sensitivity for fault detection capabilities without creating appreciable reliability impacts. The settings changes outlined on the referenced Slide 4 generally show a lower minimum trip threshold (increasing sensitivity) with an increased time delay. The increased time delay changes were implemented to improve coordination between FC and fuses.

As stated on page 294 in Section 7.3.3.2 of SCE’s 2022 WMP Update, “The intent is to reduce the incident energy along an increased number of circuit miles, while maintaining customer electric service reliability.”

- ii. SCE has not performed an analysis to determine projected reliability impacts from the identified FC setting updates.