

Southern California Edison
2025-WMPs – 2025-WMPs

DATA REQUEST SET CalAdvocates-SCE-2025WMP-07

To: Cal Advocates
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Job Title: Engineering Manager
Received Date: 4/15/2024

Response Date: 4/18/2024

Question 03:

Questions 1 - 3 refer to Table 2 in SCE's 4th quarter data report for 2023.

A year over year comparison of three Key Performance Metrics from 2020 thru 2023 is provided in the table below.

Table 2 Key Performance Metrics				
Metric	2020	2021	2022	2023
Wire down events (T3)	236	261	214	340
Outages with ignition risk (T3)	35	27	40	76
Outages with Fast Curve (T3)	270	83	85	147

Regarding outages on circuits with fast curve settings in HFTD Tier 3 areas:

- What specific factors contributed to the 73 percent increase in outages on circuits with fast curve settings in Tier 3 areas compared to 2022?
- Has SCE identified any patterns, trends, or common causes behind the marked increase in outages on circuits with fast curve settings in Tier 3 areas?
- If the answer to (b) is "yes," describe any patterns, trends, or common causes identified.
- If the answer to (b) is "no," explain why not.
- Has SCE implemented, or does SCE plan to implement, any measures to address the marked increase in outages on circuits with fast curve settings?
- If the answer to (e) is "yes," provide a description of any measures SCE has implemented or plans to implement to address the increase in outages on circuits with fast curve settings.
- If the answer to (e) is "no," explain why not.

Response to Question 03:

SCE clarifies that Table 2 of SCE's 4th quarter data report for 2023 does not have a metric entitled "Outages with Fast Curve (T3)". SCE is interpreting this metric to be "Number of outage events on circuits with adjusted settings for protective devices enabled" based on number match for T3 HFRA. This metric does not have any relationship to Fast Curve settings placed on our protective devices and only pertains to all outages on circuits with enabled reclosers.

a. What specific factors contributed to the 73 percent increase in outages on circuits with fast curve settings in Tier 3 areas compared to 2022?

SCE did not experience an increase in outage counts on circuits with fast curve settings enabled as seen in 4th quarter data on Table 10 for frequency of fast-trip events. SCE states in Table 10 for all HFRA, SCE saw 882 outages for 2022 where fast curve settings were enabled when the event occurred and saw 98 outages for 2023 where fast curve settings were enabled when the event occurred.

b. Has SCE identified any patterns, trends, or common causes behind the marked increase in outages on circuits with fast curve settings in Tier 3 areas?

No

c. If the answer to (b) is "yes," describe any patterns, trends, or common causes identified.

N/A

d. If the answer to (b) is "no," explain why not.

Please see above response to part a).

e. Has SCE implemented, or does SCE plan to implement, any measures to address the marked increase in outages on circuits with fast curve settings?

No

f. If the answer to (e) is "yes," provide a description of any measures SCE has implemented or plans to implement to address the increase in outages on circuits with fast curve settings.

N/A

g. If the answer to (e) is "no," explain why not.

Please see above response to part a).