

Southern California Edison
2025-WMPs – 2025-WMPs

DATA REQUEST SET Cal Advocates - SCE - 2025 WMP - 06

To: Cal Advocates
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Response Date: 4/18/2024

Question 01:

In SCE's 2025 WMP Update at 1, SCE states that it "has not updated how it calculates PSPS risk, and as such, does not discuss PSPS risk in this chapter."

- a) Explain why SCE decided not to update how it calculates PSPS risk.
- b) Does SCE plan to update how it calculates PSPS risk in the future?
- c) If the answer to (b) is "no," explain why not.
- d) If the answer to (b) is "yes," describe how SCE is planning to update how it calculates PSPS risk in the future?
- e) Has SCE conducted any studies or simulations to assess any potential misalignment between the new ignition risk model outputs⁴ with SCE's PSPS parameters?
- f) If the answer to (e) is "no," explain why not.
- g) If the answer to (e) is "yes," what were the findings?
- h) Has SCE conducted any studies or simulations to assess any potential misalignment between the new ignition risk model outputs with SCE's Fast Curve settings?
- i) If the answer to (e) is "no," explain why not.
- j) If the answer to (e) is "yes," what were the findings?

⁴ These changes include updates to SCE's 2025 wildfire consequence model and Probability of Ignition (POI) model.

Response to Question 01:

a) Explain why SCE decided not to update how it calculates PSPS risk.

In the time period between submission of the 2023-2025 WMP and the 2025 WMP Update, which was approximately 14 months, SCE did not identify a need to change the methodology behind how PSPS risk is calculated for the WMP.

b) Does SCE plan to update how it calculates PSPS risk in the future?

As SCE begins the process to develop the 2026-2028 WMP, it will evaluate if there is a need to change how it calculates PSPS risk for the WMP. Factors will include how OEIS defines PSPS requirements in the 2026-2028 WMP Guidelines.

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

N/A.

d) If the answer to (b) is "yes," describe how SCE is planning to update how it calculates PSPS risk in the future?

In addition to potential changes (if any) to how PSPS risk is calculated for the WMP, SCE would update the data used in the calculations to reflect the execution of hardening mitigations that reduce PSPS risk.

e) Has SCE conducted any studies or simulations to assess any potential misalignment between the new ignition risk model outputs with SCE's PSPS parameters?

No.

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

As stated above in the response to part b), SCE may update how it calculates PSSP risk for the 2026-2028 WMP. SCE also notes that the calculation of overall PSPS risk for the WMP is not the same as the short-term calculation of PSPS risk in the context of informing PSPS de-energization decisions, which includes factors such as current wind speeds and vegetation conditions. PSPS risk as presented in the WMP is better understood as a kind of "general" or "static" PSPS risk as it is based on overall conditions without reference to a specific point in time, as opposed to the immediate situation and conditions that SCE would evaluate when considering if a PSPS de-energization is needed for a specific location.

g) If the answer to (e) is "yes," what were the findings?

N/A

h) Has SCE conducted any studies or simulations to assess any potential misalignment between the new ignition risk model outputs with SCE's Fast Curve settings?

No.

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

Fast Curve settings are based on electrical engineering analyses and electrical parameters associated with potential fault conditions. As such, they should not be understood as having a comparable relationship with wildfire risk model outputs, and are more of a binary "on/off" feature that SCE installs on protection devices within HFRA. If SCE's periodic updates or refreshes of risk models indicate an area has higher risk than previously understood, SCE would consider if that area might benefit from Fast Curve capabilities or other mitigations.

j) If the answer to (e) is "yes," what were the findings?

N/A