

Southern California Edison
2025-WMPs – 2025-WMPs

DATA REQUEST SET O E I S - P - W M P _ 2 0 2 4 - S C E - 0 3

To: Energy Safety
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Received Date: 4/29/2024

Response Date: 5/2/2024

Question 08:

Regarding SCE-23-13: Addressing Backlogged Work Orders

In response to ACI SCE-23-13: Addressing Backlogged Work Orders, SCE states that it has “updated its prioritization formula to rank all of its open notifications, not just past-due notifications.” Provide the prioritization formula described here.

Response to Question 08:

SCE took the following factors into consideration when building a new formula which would risk-rank all open work orders and normalizes each factor to have values between 0 and 1, which is aggregated to result in a percentile ranking scale:

- Technosylva Consequence Score (TS): The Technosylva consequence model estimates the potential spread of a fire over a given time, as well as the corresponding impact of a fire in natural units – structures, acres, and population¹.
- Probability of Ignition (POI): POI is the sum of the ignition component probabilities at a given location (i.e., Equipment Ignition Likelihood, Contact from Vegetation Ignition, and Contact by Object Ignition Likelihood)².
- Problem Statement Score (PS) considers the severity of the issue found on a scale of 0 to 11.25.
- Date Ratio (DR) which identifies how close the notification is to the due date
 - The Date Ratio (DR) is a simple fraction representing the progress of time from the creation of a notification to its due date, relative to the current date. Mathematically, it's calculated as (Current Date – Notification Creation Date / Due Date - Notification Creation Date). For example, if a notification was created on 4/1/24, with a due date of 10/1/24, and the current date is 5/1/24, the DR is 30 / 183, which is approximately 0.16.
- An adder for Areas of Concern (summer and/or fall) and Public Safety Power Shutoff Circuit with PSPS related work
 - An asset located within a summer or fall AOC is given a score of 1, while assets

¹ See SCE’s 2023 – 2025 WMP, R1, 10/26/2023, page 195.

² See SCE’s 2023 – 2025 WMP, R1, 10/26/2023, page 117.

outside of AOC are given a score of 0

- A PSPS circuit can have a score ranging from 0 - 1, depending on whether the circuit has been de-energized in the past, due to a PSPS event

$$\left(\frac{AOC}{5}\right) + \left(\frac{PSPS}{5}\right) + \left(\frac{TS}{5}\right) + \left(\frac{DR}{5}\right) + \left(\frac{0.5 \times (POI + PS)}{5}\right)$$