

**PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2023
Data Response**

PG&E Data Request No.:	CalAdvocates_013-Q005		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_013-Q005		
Request Date:	April 6, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-13
Date Sent:	April 28, 2023	Requesting Party:	Public Advocates Office
DRU Index #:		Requester:	Holly Wehrman

The following questions relate to your 2023-2025 WMP submission.

QUESTION 005

Table 7-4 on pp. 307-313 of PG&E’s WMP lists the top risk circuit segments (i.e., riskiest segments when sorted by total wildfire risk).

- a) Footnote b in the column entitled “Jan 1, 2023 Overall Risk” states, “Accounts for risk reduction associated with EPSS.” Please explain how PG&E quantified the risk reduction associated with EPSS for each of the circuit segments in Table 7-4.
- b) Do the values in the column entitled “Jan. 1, 2024 Overall Risk” account for risk reduction associated with EPSS?
- c) Do the values in the column entitled “Jan. 1, 2025 Overall Risk” account for risk reduction associated with EPSS?
- d) Do the values in the column entitled “Jan. 1, 2026 Overall Risk” account for risk reduction associated with EPSS?
- e) Please supplement Table 7-4 with the following additional columns:
 - i. Forecast SAIDI in 2023 if EPSS were not utilized
 - ii. Forecast SAIDI in 2023 with EPSS.

ANSWER 005

- a) Based on the recorded effectiveness performance of Enhanced Powerline Safety Settings (EPSS) in 2022, we include this effectiveness across each circuit segment across High Fire Threat Districts (HFTD) circuit segments. The recorded effectiveness compares EPSS enabled ignitions to those that met EPSS criteria and is normalized by circuit-mile-days. The recorded effectiveness uses Fire Potential Index (FPI) information provided from our Meteorology team, which is currently only available through 2020, therefore we used 2018-2020 as a baseline.
- b) Yes, it includes the risk reduction associated with EPSS.
- c) Yes, it includes the risk reduction associated with EPSS.
- d) Yes, it includes the risk reduction associated with EPSS.

- e) Please see “*WMP-Discovery2023_DR_CalAdvocates_013-Q005Aatch01.xlsb*.” This is shown in tab ‘TopRisk_Table’ columns E and F. The SAIDI forecast was based on reliability of data between 2020-2022. With a very limited data set on EPSS performance, the SAIDI forecast at a device level may vary significantly. Some devices may not have any activity in the past year with or without EPSS settings but could have activity in the future years. As we collect more data, the SAIDI forecast will improve.