

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

PG&E Data Request No.:	CalAdvocates_010-Q002		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_010-Q002		
Request Date:	April 4, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-10
Date Sent:	April 10, 2023	Requesting Party:	Public Advocates Office
DRU Index #:		Requester:	Holly Wehrman

Grid operations

QUESTION 002

Table 8-5 on p. 336 of PG&E's WMP shows a forecast reduction in the number of EPSS events of one to two percent annually from 2022 to 2025.

- a) What factors does PG&E expect to contribute to the reduction in the number of EPSS events discussed above?
- b) Why is PG&E's forecast reduction in the number of EPSS events linear across the 2023- 2025 period?
- c) Please provide any available workpapers that support PG&E's forecasts regarding the number of EPSS events annually in 2023-2025.

ANSWER 002

- a) For 2023, factors contributing to the reduction in the number of EPSS related outages are based on actions to install additional Line Reclosers (LR) and Fuse Savers on the highest impacted protective zones to reduce the reliability impact. These will be installed in locations that are within the HFRA or protect equipment within the HFRA. The planned installs will provide reliability benefits on fuse tap lines within the scope of the EPSS program.

PG&E will also undertake reliability mitigations intended to reduce outage frequency on those circuit protection zones (CPZs) that experienced the greatest number of outages while EPSS was enabled in 2022. This will include proactive vegetation management work incremental to existing vegetation management scope on CPZs that experienced vegetation caused outages in 2022. Reactive vegetation management work will also be conducted in-season, as needed based on escalated vegetation caused outages. Animal mitigation work will also be performed on CPZs that experienced avian or other animal contacts in 2022.

- b) With only one year of EPSS protection performance to review, we made a conservative estimate of the reliability improvement that could be realized based on the planned sectionalization and mitigation activities.
- c) PG&E does not have any applicable workpapers available.