

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

PG&E Data Request No.:	CalAdvocates_012-Q004		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_012-Q004Supp01		
Request Date:	April 6, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-12
Date Sent:	April 11, 2023 Supp01: April 18, 2023	Requesting Party:	Public Advocates Office
DRU Index #:		Requester:	Holly Wehrman

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

TOPIC: PSPS

QUESTION 004

Regarding Table 9-2 (Lists of Frequently De-energized Circuits) in Appendix F of PG&E's WMP, distribution circuit Entry Numbers: 3, 4, 6, 13, 14, 19, 20, 21, 22, 23, 24, 25, 26, 27, 32, 35, 49, 50, 51, 52, 53, 60, 61, 64, 65, 66, 67, 68, 72, 73, 75, 76, 77, 78, 79, 80, 81, 82, 84, 85, 91, 94, 96, 99, 100, 101, 102, 104, 106, 107, 108, 109, 114, 115, 116, 123, 124, 127, 128, 129, 130, 132, 137, 139, 140, 142, 145, 147, 149, 150, 154, 158, 159, 164, 165, 168, 170, 171, 173, 180, 181, 182, 184, 186, 188, 189, 191.

- a) Please describe the PSPS protocols referenced in these Entry Numbers.
- b) Please explain how customers were "Mitigated by PSPS protocols."
- c) Please state how many customers benefited from mitigation by PSPS protocols in past events.
- d) State whether the customers referenced in part (c) benefited because they were not de- energized or because they had reduced impacts from PSPS.
- e) Please state how many customers PG&E expects to benefit in the future due to mitigation by PSPS protocols.
- f) State whether the customers referenced in part (e) will benefit because they will not be de- energized or because they will have reduced impacts from PSPS.

ANSWER 004 SUPPLEMENTAL 01

We have updated our List of Frequently De-energized Circuits based on the errors found in our review. The entries listed above may not reflect the latest circuits that are mitigated by PSPS protocols. Please see attachment "*WMP-Discovery2023_DR_CalAdvocates_012-Q001Supp01Atch01.xlsx*" for the updated List of Frequently De-energized Circuits.

- a) Please refer to Section 9.2 Protocols on PSPS beginning on p. 766 for Distribution.
- b) PG&E's current PSPS Protocols were updated compared to PSPS Protocols from previous years. Based on our current PSPS Protocols, our scoping improved and

some of the circuits would not have been de-energized or would have fewer customers impacted than for certain past PSPS events.

- c) 565,826 Distribution customer-events would have been mitigated by current PSPS protocols from 2019-2022.

This calculation is based on a comparison of historical PSPS events and the 2022 PSPS Five-Year Lookback Analysis, which applies current PSPS protocols to the weather conditions present in 2018-2022. This comparison excludes 2018 because PG&E's historical PSPS events only occurred in the later part of 2018. The total number of mitigated customer-events is calculated as a net value: if some circuits would increase customer impacts due to PSPS protocols, the impacted customer-events would lower the total mitigated customer count reported here.

"Customer-events" refers to the count of customer impacts over the Five-Year Lookback. If the same customer is mitigated from PSPS for three PSPS events in the Five-Year Lookback, this is reported as "three customer-events mitigated" instead of "one unique customer mitigated".

- d) Customers referenced in part (c) benefited because they would not have been de-energized for certain past PSPS events based on the current PSPS Protocols. Some of these customers may still be de-energized in other PSPS events in the years compared for this analysis but saw a decrease in the number of PSPS event impacts.
- e) The number of customers mitigated in each PSPS event by PSPS Protocols depends on a look back analysis, updated PSPS Protocols, and the weather conditions seen during that PSPS event. Until we make enhancements to our protocols, we are not able to calculate future customers mitigated. See SA-04, SA-05, SA-06, PS-02, and PS-04 for additional details on evaluation of enhancements to PSPS protocols.
- f) See response (e).

ANSWER 004

- a) We discovered an error in our 2023 WMP submission in the "Measures Taken, or Planned to Be Taken, to Reduce the Need for and Impact of Future PSPS of Circuit" of the Frequently De-energized Circuits list. We will reach out to Energy Safety to provide this corrected information and discuss updating our WMP submission pursuant to Energy Safety's guidelines. We will provide an explanation of any remaining blanks.

Please note, we expect to have the table revised by April 18, 2023.

- b) See response (a).
- c) See response (a).
- d) See response (a).
- e) See response (a).
- f) See response (a).

