

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

PG&E Data Request No.:	CalAdvocates 029-Q008		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates 029-Q008		
Request Date:	September 7, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-29
Date Sent:	September 27, 2023	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

This data request relates to PG&E's 2023 WMP Revision Notice Response (henceforth referred to as "PG&E's response"), filed August 7, 2023, in response to Energy Safety's Revision Notice for PG&E's 2023 WMP, and PG&E's subsequent Reply Comments filed on September 1, 2023.

QUESTION 008

Page 2 of PG&E's reply comments filed on September 1, 2023, states,

The number of outages in the HFRA from May to October decreased significantly from 2021 to 2022. Additionally, the number of outages in the HFRA during the same time period was only slightly higher in 2022 (6,140 outage events) than in 2020 (6,128 outage events) before EPSS was enabled.

Per PG&E's quarterly data reports, PG&E generally experienced fewer RFW circuit mile days in 2022 than in 2020:

	2020 ^(a)				2022 ^(b)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Red Flag Warning overhead circuit mile days – HFTD tier 2		14,708	85,128	105,136	0.00	38,182	2,774	0
Red Flag Warning overhead circuit mile days – HFTD tier 3		3,346	29,214	56,324	0.00	8,339	749	0
<p>(a) PG&E's quarterly data report for quarter 3 of 2022, Table 6.</p> <p>(b) PG&E's quarterly data report for quarter 4 of 2022, Table 4.</p>								

- a) Has PG&E performed a study to compare the weather-normalized number of outages in 2020, 2021, and 2022 to determine changes in the weather-normalized outage count across the three years? This may include, for example, normalizing the number of outages by RFW days, high wind days, high temperature days, or some other metric or set of metrics.

- b) If the answer to part (a) is yes, please explain how PG&E normalized the outage counts by weather.
- c) If the answer to part (a) is yes, please provide the results of any such study or analysis.
- d) If the answer to part (a) is no, please explain why not.

ANSWER 008

- a) No, PG&E has not performed a study regarding weather-normalized HFRA outage counts in 2020, 2021, and 2022 relative to our EPSS Reliability Mitigation program(s).
- b) Not applicable, please see the response to subpart (a) above.
- c) Not applicable, please see the response to subpart (a) above.
- d) PG&E has been using the method set out in the Institute of Electrical and Electronics Engineers standard 1366 (IEEE 1366) of excluding major event days. This has been PG&E's method of excluding outages that occur on very extreme days, such as very high temperature days, significant storm days, etc. This methodology is the industry standard practice for identifying trends in reliability metrics.