

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2023-2025
Data Response

PG&E Data Request No.:	CalAdvocates_044-Q003		
PG&E File Name:	WMP-Discovery2023-2025_DR_CalAdvocates_044-Q003		
Request Date:	April 15, 2024	Requester DR No.:	CalAdvocates-PGE-2025WMP-08
Date Sent:	April 18, 2024	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

SUBJECT: MITIGATION EFFECTIVENESS

QUESTION 003

Page 54 of PG&E's 2025 WMP Update states,

“To determine circuit segment-level mitigation effectiveness, the WBCA will adjust for the outage combinations likely to occur on a given circuit segment, their estimated frequency, and their contribution to overall risk on the circuit segment.”

- a) Will the WBCA adjust for outage combinations on a scale smaller than a circuit segment? For example, a very long circuit segment may not have uniform outage characteristics along its entire length.
- b) If the answer to part (a) is yes, please explain the methods and criteria PG&E plans to use to adjust the WBCA for outage combinations on a scale smaller than a circuit segment.
- c) If the answer to part (a) is no, please explain why not.

ANSWER 003

- a) The WBCA will not adjust for outage combinations on a scale smaller than a circuit segment.
- b) Not applicable, please see the response to subpart (a) above.
- c) Outputs from the Wildfire Distribution Risk Model (WDRM) are aggregated to the circuit segment level as the best model view for system hardening work. While individual pixel level data is available, the circuit segment view has less noise than the pixel level output. As such, the mean probability of ignition for each sub-driver, as output from WDRM, is assumed to be uniform across an entire circuit segment. Accordingly, the risks from individual sub-driver “outage combinations” are assumed to be uniform across that circuit segment as well.