

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

PG&E Data Request No.:	CalAdvocates_028-Q018		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_028-Q018		
Request Date:	August 10, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-28
Date Sent:	August 15, 2023	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

RN-PG&E-23-05

QUESTION 018

Page 73 of PG&E's response states, "Based on our further evaluation, the preliminary, updated mitigation effectiveness for undergrounding, considering the residual risk from secondary and service lines, is approximately 97.7 percent compared to the 99 percent."

- a) Describe how PG&E calculated the effectiveness of 97.7 percent.
- b) Provide supporting data and workpapers for your response to part (a).

ANSWER 018

- a) PG&E developed a preliminary, updated mitigation effectiveness for undergrounding considering the residual risk from secondary and service lines by considering the likely effectiveness of a mitigation consisting of undergrounding the primary line plus overhead hardening secondary and service lines. We considered how effective this combined mitigation would be in mitigating a potential ignition by assessing its likely effectiveness against more than 2,200 outage combinations (excluding planned outages, PSPS and EPSS outages) that occurred in PG&E's HFTD during wildfire season from 2015-2022.
- b) Please see WMP-Discovery2023_DR_CalAdvocates_028-Q018Atch01 for the supporting data and workpapers for our part a response. The 97.7 percent effectiveness is shown on the tab: Pivot_Outages_HFTD_Adjusted in cell Y14.