

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

PG&E Data Request No.:	CalAdvocates_044-Q004		
PG&E File Name:	WMP-Discovery2023-2025_DR_CalAdvocates_044-Q004		
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 004

Page 56 of PG&E's 2025 WMP Update discusses Undergrounding versus Overhead Hardening. Undergrounding is stated to have greater total permanent risk reduction, but it takes longer and costs more to install.

- a) Has PG&E conducted an analysis of its transmission and distribution system to determine the estimated remaining useful life of its assets?
- b) If the answer to part (a) is yes, does PG&E consider the remaining life of assets when evaluating benefits of overhead hardening, which is faster to deploy?
- c) If the answer to part (a) is yes, please provide any applicable analysis relevant to the condition of PG&E's transmission and distribution system assets.

ANSWER 004

- a) No, the Wildfire Transmission Risk Model (WTRM) and Wildfire Distribution Risk Model (WDRM) incorporate age, in addition to other parameters, to assess risk based on the probability of an asset failure leading to an ignition occurring and the consequence of a wildfire if it were to occur. The model helps determine whether assets may require mitigation response. For example, an asset with high wildfire risk may drive the response of a detailed inspection, which could then result in the need to replace or repair the asset. The age of the asset when it requires replacement pinpoints the end of its useful life. Therefore, while the WTRM and WDRM help determine what assets are most likely to fail, they do not specifically predict the date an asset will fail, i.e. its "useful life."
- b) Not applicable, please see the response to subpart (a) above.
- c) Not applicable, please see the response to subpart (a) above.