

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

PG&E Data Request No.:	TURN_005-Q007		
PG&E File Name:	WMP-Discovery2023_DR_TURN_005-Q007		
Request Date:	April 14, 2023	Requester DR No.:	TURN-PG&E- 5
Date Sent:	April 19, 2023	Requesting Party:	The Utility Reform Network
DRU Index #:		Requester:	Tom Long

SUBJECT: SYSTEM HARDENING

QUESTION 007

With respect to the values for 2023-2025 in the column for Estimated System Hardening Undergrounding Miles in Table PG&E-8.1.2-2 on page 347 of PG&E's 2023-2025 WMP:

- a. For each year, please provide PG&E's estimate of the overhead circuit miles that will be replaced and explain how this estimate was determined;
- b. For the figures provided in response to subpart "a", please provide an estimated breakdown of the overhead circuit miles replaced by: primary lines, secondary lines, and services.

ANSWER 007

- a. Based on subject matter expertise and a sample of completed projects, the estimated overhead to undergrounding conversion rate is 1.25 miles of underground line installed for every 1 mile of overhead primary line removed. Our target undergrounding miles for 2023-2026 is 2,100 miles. Using the estimated conversion rate, the overhead primary miles removed is projected to be approximately 1,680 miles.
- b. The estimate provided in part a is for the primary lines only. This information is not available for secondary and service lines.

As described in TURN_005-Q004, at this time, we are not undergrounding lower voltage secondary lines or service drops to address risk. In most cases overhead lower voltage secondary lines and service drops will remain overhead. There are some cases in which we may underground secondary powerlines, such as when lines run parallel to the trench path or for constructability reasons.