

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

PG&E Data Request No.:	OEIS_004-Q017		
PG&E File Name:	WMP-Discovery2023_DR_OEIS_004-Q017		
Request Date:	May 4, 2023	Requester DR No.:	P-WMP_2023-PG&E-004
Date Sent:	May 10, 2023	Requesting Party:	Office of Energy Infrastructure Safety
DRU Index #:		Requester:	Colin Russell Lang

SUBJECT: REGARDING PG&E’S UNDERGROUNDING PROGRAM

QUESTION 017

- a. Provide the cumulative V2 and V3 risk scores of the 2022 WMP vs. 2023 WMP undergrounding scope for 2023-2026. This should not include nor account for feasibility.
- b. Provide the analysis on the remaining risk of the miles no longer scoped for undergrounding, including:
 - i. Interim mitigations being put into place if scoped for undergrounding in the future
 - ii. The number of miles scoped for the future (past 2026)
 - iii. Alternative mitigations being used if no longer scoped for undergrounding

ANSWER 017

- a. PG&E interprets cumulative risk score as total risk score of each circuit segment based on the 2021 WDRM v2 and the 2022 WDRM v3. Please note, for the 2022 WMP and 2023 WMP workplans, the total risk scores are provided at the CPZ-level, however, the entire CPZ may not be scoped in the workplan.

For the 2023 WMP, please reference “*WMP-Discovery2023_DR_OEIS_004-Q017Atch01CONF.xlsx*” for the project workplan of the undergrounding scope for 2023-2026 with total risk scores from v2 (column AC) and v3 (column AB) provided. Applicable Risk Model (column M), indicates if the project was selected based on WDRM v2 or WDRM v3.

For the 2022 WMP, please reference attachment “*WMP-Discovery2023_DR_OEIS_004-Q017Atch02CONF.xlsx*.” Please reference column J and K that identify the forecasted miles by 2023, and 2024-2026, respectively. PG&E added the total risk scores from v2 (column AC) and v3 (Column AB) to the originally submitted 2022 WMP Undergrounding workplan.

Some circuit segments show a blank in total risk score based on WDRM v2 (column AC) where those projects were not in an HFTD and therefore were not included in the WDRM v2 model (i.e., projects in an HFRA, and community rebuild projects).

- b.
- i. The following interim mitigation measures are used as on-going wildfire safety work on all assets in HFTD areas, including those scoped for undergrounding in the future:
 - Using enhanced powerline safety settings (EPSS) that automatically turn off power within one-tenth of a second if a wildfire threat is detected,
 - Deploying PSPS to reduce wildfire risk during extreme weather conditions while reducing impacts from PSPS outages through targeted grid sectionalizing and reconfiguration in weather-impacted areas, thereby preventing power outages for customers who are not directly impacted, and
 - Conducting asset inspections and repairs, and vegetation management.
 - ii. At the time of filing the WMP and preparing the workplan dated January 3, 2023, we did not have any projects planned in 2027. Based on continued scoping of additional future undergrounding projects, the projects completed to date this year, and the on-going review of the undergrounding portfolio, there are approximately 350 miles under consideration for 2027 as of the end of April 2023. We will continue to evaluate mileage for 2027 and beyond with the release of upcoming WDRM updates.
 - iii. Please see response to subpart b.i. above.