

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

PG&E Data Request No.:	OEIS_012-Q004		
PG&E File Name:	WMP-Discovery2023_DR_OEIS_012-Q004		
Request Date:	August 30, 2023	Requester DR No.:	P-WMP_2023-PG&E-012
Date Sent:	September 5, 2023	Requesting Party:	Office of Energy Infrastructure Safety
DRU Index #:		Requester:	Dakota Smith

SUBJECT: REGARDING PG&E’S RESPONSE TO RN-PG&E-23-05

QUESTION 004

- a. For the 79 circuit segments not included in an undergrounding plan and that have not been hardened, provide the following information via spreadsheet:
 - i. Circuit Name
 - ii. Circuit segment/CPZ Name
 - iii. Length of circuit segment
 - iv. V2 Risk Score
 - v. V2 Risk Ranking
 - vi. V3 Risk Score
 - vii. V3 Risk Ranking
 - viii. V4 Risk Score (if available)
 - ix. V4 Risk Ranking (if available)
 - x. WFE Score
 - xi. WFE Ranking
 - xii. Feasibility Score
 - xiii. Reason for why the circuit segment is not included in undergrounding plan
 - xiv. Other mitigation options being used for the circuit segment currently
 - xv. Other mitigation options being considered for the circuit segment in the future, if such differs from (xi)

ANSWER 004

- i – xii. Please see attachment “WMP-Discovery2023_DR_OEIS_012-Q004Atch01.xlsx”. Please note that Wildfire Distribution Risk Model v4 scores are not available at this time (as requested in subparts viii and ix).

- xiii. The 79 circuit segments were not included in an undergrounding plan because PG&E chose to add different circuit segments to the portfolio that could be undergrounded more efficiently (e.g., bundling lower-risk projects with higher-risk ones that are geographically located next to each other). The 79 circuit segments had approximately 30% higher wildfire feasibility scores (e.g., were ~30% more difficult to execute) than other circuit segments, which contributed to why they were not included in the underground portfolio. As described in the 2023-2025 WMP, PG&E balanced harder-to-construct circuit segments with other high risk circuit segments that can be relocated underground more quickly, so that risk reduction work can continue efficiently across the system.
- xiv. The list of mitigations PG&E is deploying on the 79 circuit segments is provided in attachment "*WMP-Discovery2023_DR_OEIS_012-Q004Atch01.xlsx*". In this attachment, we list the 79 circuit segments and the mitigations planned for each one in 2023, 2024, and 2025. These circuit segments will continue to be evaluated through our risk analysis process (e.g., periodic updates to the Wildfire Distribution Risk Model (WDRM)) and we may include them in our system hardening program after 2025 if they remain high risk based on the outcome of the risk model updates.
- xv. PG&E will continue to evaluate the 79 circuit segments through our risk analysis process (e.g., periodic updates to the WDRM) and may include them in our system hardening program after 2025 if they remain high risk based on the outcome of the risk model updates. Once a circuit segment is included in the system hardening program, we conduct additional analysis to determine the appropriate system hardening solution which generally includes undergrounding, line removal with remote grid, or installation of covered conductor (overhead hardening). If a circuit segment is not chosen for the system hardening program, PG&E continues to manage risk on it through programs like Enhanced Powerline Safety Settings (EPSS), Downed Conductor Detection, Partial Voltage, asset inspections and maintenance, Public Safety Power Shutoff (PSPS), and vegetation management.