

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

PG&E Data Request No.:	TURN_006-Q003		
PG&E File Name:	WMP-Discovery2023_DR_TURN_006-Q003		
Request Date:	April 21, 2023	Requester DR No.:	TURN-PG&E- 6
Date Sent:	April 26, 2023	Requesting Party:	The Utility Reform Network
DRU Index #:		Requester:	Tom Long

SUBJECT: SYSTEM HARDENING

QUESTION 003

Regarding the Undergrounding Decision Tree provided as Attachment 1 to the response to TURN data request 5-1 and discussed in that response:

- a. Please provide a time range in months for each of the “Key Phases” listed in the box in the lower left corner.
- b. Please explain how PG&E defines the words “infeasible,” as used in the text of the response (related to the possibility that undergrounding may ultimately be determined to be “infeasible”), and “unfeasible” as used in the Decision Tree.

ANSWER 003

- a) **Circuit Segment Risk Ranking** – The WDRM risk model is the first step in identifying the list of circuit segments where wildfire risk is the highest. This data is updated roughly on an annual basis.

Circuit Selection Process – The inputs to the feasibility score, bundling methodology following the previous year’s lessons learned, and new inputs are developed in parallel, but require multiple reviews of the analysis and ultimate approval. This can take 2-3 months, but the first discussions often start before the risk model is finalized. Once the model is available, and barring any major modifications to inputs, it can be 1-2 months following release of the new risk model and associated Circuit Segment Risk Ranking.

Feasibility study – Currently, the outlook for steady state output from this step is 40-70 miles per month with many activities being done in parallel. The Grid Design team can usually complete this step in about 1 month.

Field Scoping – This is often the longest step due to the coordination of multiple groups, field checks, and finalization of documents and decisions related to the details of the project being scoped. Typically, this step can take ~2-3 months with high variation in that number for specific projects.

- b) In this context, infeasible and unfeasible are used interchangeably, to represent an option as impractical to actually construct. Typically, locations deemed infeasible would require substantial re-routing of the line or must cross simply non-passable terrain that would impede a potential UG route for the circuit. In these cases, targeted use of OH hardening is considered.