

**PACIFIC GAS AND ELECTRIC COMPANY  
Wildfire Mitigation Plans Discovery 2022  
Data Response**

PG&E Data Request No.:	OEIS_011-Q01		
PG&E File Name:	WMP-Discovery2022_DR_OEIS_011-Q01		
Request Date:	April 22, 2022	Requester DR No.:	OEIS-PG&E-22-011
Date Sent:	April 27, 2022	Requesting Party:	Office of Energy Infrastructure Safety
PG&E Witness:		Requester:	Kevin Miller

**SUBJECT: DECISION TREE CLARIFICATIONS AND FOLLOW UP**

**QUESTION 01**

In response to OEIS-PG&E-22-007 Question 16, PG&E states that it “utilized the decision tree presented in 2021 for the 2022 scope of work.”

- a. Is this in reference to the decision-tree provided in response to PG&E-Remedy-21-14 as part of the 2021 WMP Progress Report?
- b. How and where does PG&E’s risk modeling output inform decision-making in relation to the decision-tree discussed in part (a)?
- c. When was this decision-making process first implemented?
- d. How does this align and/or differ with the system hardening decision-making methodology presented on May 21, 2021, to the Wildfire Safety Division (titled PG&E’s System Hardening Program)?
- e. What changes to PG&E’s decision-making have been made since the May 21, 2021, presentation to the Wildfire Safety Division?

**ANSWER 01**

- a. Yes
- b. The risk model first informs the circuit segment selection. It is then used for the alternative RSE analysis which compares overhead, underground, and hybrid alternatives.
- c. This decision-making process was first used in late January 2021 following approval.
- d. It is the same.
- e. The same decision-making criterion was used for the creation of the 2022 workplan and some of the 2023 workplan. We have, however, adjusted our decision-making process for system hardening work for 2023 incremental miles and beyond to place a greater emphasis on undergrounding. Please see portions of a presentation made to the Wildfire Risk Steering Committee on November 18, 2021 (not October 1, 2021, as indicated) for an overview of the adjustments that have been made in attachment WMP-Discovery2022\_DR\_OEIS\_011-Q01Atch01. As indicated, these adjustments relate to future work that is unrelated to the 2022 targets or work set

forth in the WMP. At a high level, we have created two separate decision trees, one for PSPS and another for Wildfire Risk mitigation work. We have eliminated the option of installing intumescent-wrapped poles to address ingress and egress risk. We are implementing vegetation reviews in areas with vegetation density below the current threshold for undergrounding to determine whether, in fact, undergrounding is a good option. We removed the time to construct criteria and the EC tag threshold. Also, unit cost assumptions were adjusted and additional risk values for wildfire, PSPS, and reliability were all combined to finalize the total risk mitigated.

PG&E recognizes that the adjustments reflected in the attached slide are complex. If Energy Safety is interested in discussing the adjustments made to our system hardening decision making process for 2023 incremental miles and beyond in more detail, PG&E recommends scheduling a meeting or a workshop to discuss the issue.