

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

PG&E Data Request No.:	OEIS_007-Q01		
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PG&E Witness:		Requester:	Kevin Miller

SUBJECT: PSPS GRID MITIGATION PRIORITIZATION

QUESTION 01

On P. 870, PG&E Indicates “Based on the 2021 10-year PSPS lookback analysis, PG&E identified potential locations for our transmission and distribution PSPS mitigation programs.”

- a. In addition to PSPS risk is PG&E also evaluating prioritization for our transmission and distribution PSPS mitigation programs based on riskiest circuits in terms of ignition risk?

ANSWER 01

- a. For wildfire mitigation programs and initiatives, such as System Hardening or EVM, PG&E has developed the 2022 Wildfire Distribution Risk Model (WDRM) v3, which is described in detail in Section 4.5.1(b) in the WMP. PG&E has made improvements to the WDRM which provide the capability to compare wildfire risks for additional risk drivers as well as measuring the risk reduction for specific mitigation work. The WDRM will add the ability to estimate the reduction in the ignition probability due to a new or hardened conductor. This will provide improved insights for aligning the right mitigation for locations on the distribution grid.

For System Hardening PG&E uses a 10-year lookback to evaluate circuit segments selected for scoping and execution based on the decision trees explained in 7.3.3.17.1 of the 2022 WMP. A small number of projects were selected on an emerging project by project basis for the purpose of PSPS mitigation either due to a high frequency or due to an impact to a critical customer. Ignition risk is also considered for these projects when selecting the specific scope of work.