

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigations Plans Discovery 2026-2028
Data Response

PG&E Data Request No.:	SPD_004-Q011
PG&E File Name:	WMP-Discovery2026-2028_DR_SPD_004-Q011
Request Date:	May 1, 2025
Requester DR No.:	CONF-SPD-PGE-WMP2026-004
Requesting Party:	Safety Policy Division
Requester:	Edwin Schmitt
Date Sent:	May 6, 2025

SUBJECT: MITIGATION COST EFFICIENCY ASSESSMENT (SPD-PGE-WMP2026-004)

QUESTION 011

Which bowtie workpaper was used to generate Figure PG&E-5.1.1-4 in the 2026-2028 Base WMP?

- a. Has this bowtie workpaper been updated since it was submitted with the 2024 RAMP Application? If so, explain how.
- b. If this bowtie workpaper was submitted with PG&E's 2024 RAMP Application and has been updated since the 2024 RAMP Application, provide SPD with a copy of the updated workpaper.
- c. Provide the exact settings that were used on the bowtie workpaper to generate Figure PG&E-5.1.1-4 in the 2026-2028 Base WMP.
- d. How did this bowtie workpaper inform mitigation selection in this WMP? Provide a step-by- step example demonstrating how this bowtie workpaper informed and resulted in the mitigation selections on CORNING 110185152.
- e. Figure 1-9 of the 2024 RAMP Application exhibited an exposure of 43,433 miles. Figure PG&E-5.1.1-4 of the 2026-2028 Base WMP exhibits an exposure of 43,506 miles. Explain why the number of miles increased from the 2024 RAMP to the 2026-2028 Base WMP.
- f. Does PG&E intend to update this bowtie workpaper, between now and when it submits its 2027 GRC? If so, explain how and why this bowtie workpaper must be updated between now and when it submits its 2027 GRC.

ANSWER 011

The workpaper, Exhibit (PG&E-4) EO-WE PSS-2_Bow tie.xlsm, was provided in the RAMP application. An updated version was used to generate Figure PG&E-5.1.1-4 for the 2026-2028 Base WMP.

- a. Yes, this bowtie workpaper has been updated since it was submitted with the 2024 RAMP application. The updates include the following:

- The 2026-2028 Base WMP version of the bowtie includes updated outage data to include 2023 and 2024 whenever applicable.
 - The WDRM used for developing tranches has been updated from version 3 to version 4.
 - EPSS lookback analysis is updated based on Fire Potential Index (FPI) version 5.
 - The EPSS multiplier has been updated from 6.8 to 5.9.
- b. Please see attachment “*WMP-Discovery2026-2028_DR_SPD_004-Q011Atch01.xlsm*” for the requested document.
- c. Please refer to the sheet “Bowtie” in the attachment “*WMP-Discovery2026-2028_DR_SPD_004-Q011Atch01.xlsm*”. The settings are defaulted to the following:

Setting	Value	Location
Year	2026	Sheet: Bowtie, Cell G2
Case	Baseline	Sheet: Bowtie, Cell G3
Tranche	Aggregated	Sheet: Bowtie, Cell O2
Outcome	Aggregated	Sheet: Bowtie, Cell O3

- d. The bowtie provides an overall picture of risk drivers and consequences. The tranche level is the most granular view. The tranche is a group of circuit segments of similar risk profile. Most of the program workplans are developed at the circuit segment or circuit level and then mapped to the tranche level. It does not inform mitigation selection at the circuit segment level in the WMP.
- e. The RAMP Workpaper is based on older vintage of GIS data that informs our exposure mapping. The marginal change in exposure miles is from using updated version of the GIS data.
- f. Yes, the bowtie will be updated to include these updates:
- The monetized safety value changes from \$15.23 million to \$16.2 million using the value of a statistical life from the Bureau of Labor Statistics, adjusted to California dollars.
 - The value of service increases from \$3.17 to \$3.33 based on PG&E 2024 recorded customer counts and consumption values.
 - Updated programs based on the latest information.