

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

PG&E Data Request No.:	OEIS_005-Q009
PG&E File Name:	WMP-Discovery2026-2028_DR_OEIS_005-Q009
Request Date:	April 22, 2025
Requester DR No.:	OEIS-P-WMP-2025-PG&E-005
Requesting Party:	Office of Energy Infrastructure Safety
Requester:	Nathan Poon
Date Sent:	May 6, 2025

SUBJECT: REGARDING TOP-RISK TRANSMISSION CIRCUITS

QUESTION 009

Table 5-5 (p. 103 and pp. 770-773, PG&E's 2026-2028 Base WMP) shows only distribution-level circuits.

- a. Provide similar tables to Table 5-5, Table 6-1, and Table 6-4 for the top-risk transmission level circuit segments based on WTRM v2 output.
- b. Provide the total overall utility risk score for transmission-level circuits.

ANSWER 009

- a. Transmission does not have circuit segments. However, we can provide circuits/line level risks. Please note that prioritization of transmission controls and mitigations may use additional factors in addition to wildfire risk.

SUMMARY OF TOP RISK CIRCUITS

Risk Ranking	Circuit Name	Overall Utility Risk Score	Wildfire Risk Score	Outage Program Risk Score	Top Risk Contributors	Total Miles	Version of Risk Model Used
1	HAT CREEK #1- WESTWOOD	-	415.96	-	Wildfire	55.59	WTRM v2
2	SNEATH LANE-HALF MOON BAY	-	256.27	-	Wildfire	15.40	WTRM v2
3	FORT ROSS-GUALALA	-	86.49	-	Wildfire	29.75	WTRM v2

4	PHILO JCT- ELK	-	67.05	-	Wildfire	37.24	WTRM v2
5	TULUCAY- NAPA #1	-	64.56	-	Wildfire	9.71	WTRM v2

Note that PG&E currently does not evaluate transmission related EPSS risk (Outage Program Risk score)

PRIORITIZED AREAS BASED ON WILDFIRE RISK

Priority	Circuit Name	Length	Overall Utility Risk	Wildfire Risk Score	Outage Program Risk Score	Percentage of Overall WF Risk	Associated Risk Driver
1	HAT CREEK #1- WESTWOOD	55.59	-	415.96	-	2.12%	- Wind - Vegetation - Contact From Object - Seismic
2	SNEATH LANE-HALF MOON BAY	15.40	-	256.27	-	1.30%	- Wind - Vegetation - Contact From Object - Seismic
3	FORT ROSS- GUALALA	29.75	-	86.49	-	0.44%	- Wind - Vegetation - Contact From Object - Seismic
4	PHILO JCT- ELK	37.24	-	67.05	-	0.34%	- Wind - Vegetation - Contact From Object - Seismic
5	TULUCAY- NAPA #1	9.71	-	64.56	-	0.32%	- Wind - Vegetation - Contact From Object - Seismic

Note that PG&E currently does not evaluate transmission related EPSS risk (Outage Program Risk score)

Summary of Risk Reduction for Top Risk Circuits

Line No	Circuit Name	Wildfire Risk	2026 Activities	2026 Wildfire Risk	2027 Activities	2027 Wildfire Risk	2028 Activities	2028 Wildfire Risk
1	HAT CREEK #1-WESTWOOD	415.96	Splice shunts, EPSS, vegetation patrols, structure clearing, highest risk structures inspected	-	EPSS, vegetation patrols, structure clearing, highest risk structures inspected	-	EPSS, vegetation patrols, structure clearing, highest risk structures inspected	-
2	SNEATH LANE-HALF MOON BAY	256.27	Monitoring, splice shunts, EPSS, vegetation patrols, highest risk structures inspected	-	Monitoring, EPSS, vegetation patrols, highest risk structures inspected	-	Monitoring, EPSS, vegetation patrols, highest risk structures inspected	-
3	FORT ROSS-GUALALA	86.49	Splice shunts, EPSS, vegetation patrols, structure clearing, highest risk structures inspected	-	EPSS, vegetation patrols, structure clearing, highest risk structures inspected	-	EPSS, vegetation patrols, structure clearing, highest risk structures inspected	-
4	PHILO JCT-ELK	67.05	Monitoring, splice shunts, conductor segment replacement, vegetation patrols, structure clearing, highest risk structures inspected	-	Monitoring, vegetation patrols, structure clearing, highest risk structures inspected	-	Monitoring, vegetation patrols, structure clearing, highest risk structures inspected	-
5	TULUCAY-NAPA #1	64.56	Monitoring, splice shunts, Vegetation patrols, highest risk structures inspected	-	Monitoring, Vegetation patrols, highest risk structures inspected	-	Monitoring, Vegetation patrols, highest risk structures inspected	-

Note that post mitigation wildfire risk scores for transmission are limited to WMP hardening targets and are listed as part of GH-06 and GH-11 in the 2026-2028 WMP Table 8-1. Additional activities may be included in 2027 and 2028, pending development in 2026.

PG&E inspects the highest wildfire risk structures on an annual basis. Wildfire risk is calculated annually to reflect completed and newly identified work.

- b. Based on the 2026-2028 WMP Bowtie Risk Models, the overall transmission utility risk is estimated at \$2,806M. Currently, PG&E does not evaluate transmission related EPSS risk.

Risk	Overall (\$M)	Transmission Component (\$M)
WF Risk	\$19,578	\$2,314
PSPS Risk	\$1,953	\$492
EPSS Risk	\$1,049	N/A
Total Risk	\$22,579	\$2,806