

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

PG&E Data Request No.:	SPD_001-Q010
PG&E File Name:	WMP-Discovery2026-2028_DR_SPD_001-Q010
Request Date:	April 15, 2025
Requester DR No.:	SPD-PGE-WMP2026-001
Requesting Party:	Safety Policy Division
Requester:	Edwin Schmitt
Date Sent:	April 25, 2025

SUBJECT: OUTAGES, PRIORITY A, MITIGATION EFFECTIVENESS AND WBCA (SPD-PGE-WMP2026-001)

QUESTION 010

The current data set in “WMP-Discovery2026-2028_DR_TURN_002-Q005Atch01.xlsx” appears to be missing columns and spreadsheets necessary to generate important data and analysis. Many of the columns in the “Effective Analysis Detail” seem to indicate the same subdriver/drivers.

- a. Provide an updated version which clarifies the difference between each row.
- b. “WMP-Discovery2023-2025_DR_SPD_016-Q007Atch01.xlsx.” include more data and spreadsheets than “WMP-Discovery2026-2028_DR_TURN_002-Q005Atch01.xlsx”, such as columns for basic_cause, supplemental_cause, equipinvolved, equipcondition and the counts of incidents in each year as well as worksheets like Grid Hardening SME Input, Outages_HFTD and Mapping. Provide these columns and worksheets in an update to “WMP-Discovery2026-2028_DR_TURN_002-Q005Atch01.xlsx”. SPD expects that this new outage data set should be a more complete dataset than was used to generate PG&E’s Effectiveness Analysis in WMP-Discovery2026-2028_DR_TURN_002-Q005Atch01.xlsx. The data should match the columns within Outages_HFTD found in WMP-Discovery2023-2025_DR_SPD_016-Q007Atch01.xlsx but also should include the unique outage IDs and GPS location. The unique outage IDs should be the same as the unique outage IDs found in the Spatial QDR data set.
 - i. SPD expects to be able to aggregate this data into “WMP-Discovery2026-2028_DR_TURN_002-Q005Atch01.xlsx”

Answer 010

- a. On The Effectiveness Analysis Detail worksheet, columns D, E, F and G have been added to “WMP-Discovery2026-2028_DR_SPD_001-Q010Atch01.xlsx” with Basic Cause, Supplemental Cause, Equipment Involved, and Equipment Condition fields for additional clarity.

- b. The following updates have been made to the *“WMP-Discovery2026-2028_DR_SPD_001-Q010Atch02.xlsx”*:
- i. Basic Cause, Supplemental Cause, Equipment Involved, and Equipment Condition fields have been added to the Effectiveness Analysis Detail tab for counts of incidents by year. Additional worksheets have been added: (1) Grid Hardening SME Input, (2) Outages_HFTD and (2) Mapping. QDR is not the original source for the outages used in the mitigation effectiveness analysis; however, columns P (“Latitude”), Q (“Longitude”), and R (“OutageID”) have been added to the Outages_HFTD worksheet on attachment *“WMP-Discovery2026-2028_DR_SPD_001-Q010Atch02.xlsx”*, to align outages as possible to the unique outage ID’s found in the Spatial QDR data set. Note that the Lat./Log. of outages may be based on the operating device and not necessarily at the damage location. For outages that did not align with the QDR data set, locations were sourced from a repository of ILIS outages.