

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

<b>PG&amp;E Data Request No.:</b>	SPD_001-Q006Supp01
<b>PG&amp;E File Name:</b>	WMP-Discovery2026-2028_DR_SPD_001-Q006Supp01
<b>Request Date:</b>	April 15, 2025
<b>Requester DR No.:</b>	SPD-PGE-WMP2026-001
<b>Requesting Party:</b>	Safety Policy Division
<b>Requester:</b>	Edwin Schmitt
<b>Date Sent:</b>	April 25, 2025 Supp01: April 30, 2025

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

**QUESTION 006**

Update the ignition data from 2014-2024 in the same format as the response to WMP-Discovery2023\_DR\_SPD\_004-Q001, which must include values to be filled in for “FPI,” “HFTD” information, and “Acreage”, along with some additional columns described below. Additionally, verify and update the ignition dataset with any new information (for instance if PG&E has determined an ignition occurred which it was not aware of at the time of the original template). The columns required in this data set should be as follows:

- a. “FPI” – State the Fire Potential Index (FPI) for each ignition using FPI 5.0 on a scale of R1 to R5. The FPI should be specified at the most granular level (circuit segment).
- b. “FPI Natural Units” - State the FPI for each ignition using FPI 5.0’s numerical output.
- c. “HFTD”: Classify each ignition based on its location as “Zone 1,” “Tier 2,” or “Tier 3,” “HFRA” or “Non-HFTD”
- d. “Acreage” – Provide the acres burned of each ignition where known.
- e. “Failure\_driver” – Update each ignition from 2014 through 2024 with the same method for categorization as column G in worksheet “ign\_enriched\_edited\_v12-22-2023” of the 2024 Risk Assessment and Mitigation Phase (RAMP) workbook “EO-WLDFR-6\_PG&E Ignitions 2015-2022.xlsx”
- f. “Failure\_sub\_driver” – Update each ignition from 2014 through 2024 with the same method for categorization as column H in worksheet “ign\_enriched\_edited\_v12-22-2023” of the 2024 RAMP workbook “EO-WLDFR-6\_PG&E Ignitions 2015-2022.xlsx”

- g. “wsd\_driver” – Update each ignition from 2014 through 2024 with the same method for categorization as column I in worksheet “ign\_enriched\_edited\_v12-22-2023” of the 2024 RAMP workbook “EO-WLDFR-6\_PG&E Ignitions 2015-2022.xlsx”
- h. “event model wildfire risk classification” – Update each ignition from 2014 through 2024 indicating which submodel would use each ignition as defined in columns S-AO from “WMP-Discovery2023-2025\_DR\_CalAdvocates\_041-Q005Atch01.xlsx.” If an ignition is used in multiple submodels, provide them as a list in one column separated by a comma.
- i. “wdrm v4 subdriver” - Update each ignition from 2014 through 2024 with the same method for categorization as the WDRM v4 subdriver definition in Column A of worksheet “Effectiveness Analysis Detail” in the file “WMP-Discovery2026-2028\_DR\_TURN\_002-Q005Atch01.xlsx”

### **Answer 006 Supplemental 01**

- h. WDRM v4 model classification for historical ignitions is included as column AH (WDRM v4 event model wildfire risk classification) of the attachment. Please note that the WDRM v4 submodels were modeled using the following filters. Ignitions outside of the filter criteria were not included in the modeling dataset and are not linked to an ignition in the attached spreadsheet.
  - Years: 2015 – 2022.
  - Months: June – November.
  - Valid location: Latitude and longitude within service territory bounds.
  - Equipment: Distribution-only.
- i. The assignment of outage failure combinations to WDRM subdrivers in EO-WLDFR-6\_PG&E Ignitions 2015-2022.xlsx is based on four key components of each outage: basic cause, supplemental cause, equipment, and equipment condition. These same fields are not available, nor applicable in every case, in PG&E’s ignitions dataset, therefore, the requested analysis cannot be completed.

### **Answer 006**

Please see attachment “*WMP-Discovery2026-2028\_DR\_SPD\_001-Q006Atch01CONF.xlsx*” for the requested information for subparts (a) through (g). Additionally, please see the explanatory notes below.

- With regard to subparts (a) and (b), please note that circuit identifiers can change over time which can lead to an incomplete or incorrect match of historical ignition circuit identifiers with current asset circuit identifiers. Further, circuit geometries can also change over time, for example when circuits are moved, re-configured, or removed as has been the case in some catastrophic fires. FPI 5.0 circuit ratings cannot be generated if the circuit geometries no longer exist in EDGIS and ETGIS. A 2024 snapshot of EDGIS primary overhead and ETGIS overhead line geometries were intersected with HFRA/HFTD to generate the FPI 5.0 circuit climatology. Two key ignitions, the Dixie fire and Camp fire, were added from a

2020 snapshot of EDGIS and ETGIS respectively to produce FPI 5.0 circuit ratings as these lines are no longer in the 2024 EDGIS & ETGIS snapshots.

- PG&E is providing the column “fpi\_5\_0\_circuit\_rating” in response to part (a) and two columns—“fpi\_5\_0\_circuit\_prob\_catastrophic” and “fpi\_5\_0\_circuit\_prob\_critical\_or\_catastrophic”—in response to subpart (b). These columns represent, respectively, the circuit level aggregations of FPI probability of catastrophic wildfire and circuit probability of critical or catastrophic wildfire. FPI 5.0 circuit ratings and probabilities are not produced or provided outside of the HFRA/HFTD.

We will supplement this response by April 30, 2024 with responses to parts (h) and (i).