

**PACIFIC GAS AND ELECTRIC COMPANY  
Wildfire Mitigations Plans Discovery 2023-2025  
Data Response**

<b>PG&amp;E Data Request No.:</b>	CalAdvocates_0053-Q003
<b>PG&amp;E File Name:</b>	WMP-Discovery2023-2025_DR_CalAdvocates_0053-Q003
<b>Request Date:</b>	September 18, 2024
<b>Requester DR No.:</b>	CalAdvocates-PGE-2025WMP-16
<b>Requesting Party:</b>	Public Advocates Office
<b>Requester:</b>	Matthew Taul
<b>Date Sent:</b>	September 27, 2024

This data request relates to both PG&E’s Wildfire Distribution Risk Model version 4 (henceforth referred to as “WDRM v4”) and as a follow-up data request to CalAdvocates-PGE-2025WMP-05 issued on April 5th, 2024.

PG&E’s WDRM v4 contains 23 probability sub-models for ignition risk, compared to the 17 risk sub-models contained in PG&E’s WDRM v3, as is shown in the table below.

**TABLE 1  
WDRM V3 VS. WDRM V4 SUB-MODEL COMPARISON**

	<b>WDRM v3</b>		<b>WDRM v4</b>
1	Animal Bird	1	Animal – Bird
2	Animal Squirrel	2	Animal – Squirrel
3	Animal Other	3	Animal – Other
-	-	4	Capacitor Bank
-	-	5	DPD
-	-	6	Fuse
-	-	7	Primary Conductor – Line Slap
-	-	8	Primary Conductor – Wire Down
4	Primary Conductor	9	Primary Conductor – Other
5	Secondary Conductor	10	Secondary Conductor
-	-	11	Support Structure - Leaking
6	Support Structure Equipment cause	12	Support Structure – Equipment
7	Support Structure Electrical	-	-
-	-	13	Switch
8	Third-party Balloon	14	Third Party – Balloon
9	Third-party Vehicle	15	Third Party – Vehicle
10	Third-party Other	16	Third Party – Other
11	Transformer Equipment Cause	17	Transformer – Equipment
12	Transformer Equipment Leaking	18	Transformer – Leaking
13	Vegetation Branch	19	Vegetation – Branch
14	Vegetation Trunk	20	Vegetation – Trunk
15	Vegetation Other	21	Vegetation – Other
16	Voltage Control Equipment	22	Voltage Regulator
17	Other Equipment	23	Other Equipment

At least sixteen of the WDRM v4 sub-models appear to have the same or similar names to sub-models found in WDRM v3 (highlighted in green). Seven sub-models in WDRM v4 appear to be new sub-models not originally found in WDRM v3 (highlighted in orange). One sub-model from WDRM v3 appears to be missing in WDRM v4 (highlighted in yellow).

**QUESTION 003**

For the newly introduced probability models for ignition risk introduced in WDRM v4 that were not present in WDRM v3, please provide a data dictionary to describe these new risk models and what additional risk they represent.

**ANSWER 003**

There were no new probability models introduced in WDRM v4 that captured additional risk which were not present in WDRM v3. Please reference PG&E's response to Question No. 001, which provides the correct mapping between models and accounts for the referenced highlighted sub-models. Each WDRM v4 model is described in detail in the Event Probability Model documentation.