

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

PG&E Data Request No.:	SPD_025-Q008
PG&E File Name:	WMP-Discovery2023-2025_DR_SPD_025-Q008
Request Date:	March 6, 2025
Requester DR No.:	SPD_WSPS_PG&E_2025_002
Requesting Party:	Safety Policy Division
Requester:	Henry Sweat
Date Sent:	March 19, 2025

QUESTION 008

Do the GIS shapefiles provided in “WMP-Discovery2023-2025_DR_CalAdvocates_041-Q003Atch01CONF” include a file which includes the total wildfire risk (probability of ignition multiplied by consequence)?

- a. Provide a brief narrative of each which specify if the file is focused on consequence, probability of ignition or consequence multiplied by probability of ignition.
 - i. As an example: “WDRM v4 Asset – Switch calculates the probability of ignition due to switches”

ANSWER 008

The files provided in “WMP-Discovery2023-2025_DR_CalAdvocates_041-Q003Atch01CONF.zip” correspond with the GIS description keys provided in “WMP-Discovery2023-2025_DR_CalAdvocates_041-Q003Atch02.xlsx”. All values listed as risk values are the result of probability of ignition multiplied by consequence. Please see below for a table providing a cross reference between file names provided in “WMP-Discovery2023-2025_DR_CalAdvocates_041-Q003Atch01CONF.zip” and tabs and associated descriptions provided in “WMP-Discovery2023-2025_DR_CalAdvocates_041-Q003Atch02.xlsx.”

File Name	Tab Name	Description	Risk Type
WDRM v4 Composite - All	Composite - All	Composite of all 23 event models	Risk per PriOH Mile
WDRM v4 Composite - SH	Composite – System Hardening	Composite of 21 event models for System Hardening	Risk per PriOH Mile
WDRM v4 Composite - VM	Composite – Vegetation	Composite of 3 vegetation event probability models	Risk per PriOH Mile
WFC v4 Consequence Pixel	WFC v4 – Consequence	WFC v4 Consequence pixel values	Consequence
WFC v3_4 Consequence Pixel	WFC v3.4 - Consequence	WFC v3.4 Consequence pixel values used by WDRM v3	Consequence
WDRM v4 EPM Pixel	Asset – Pixel Models	Pixel risk values for the 11 pixel event models	Risk Value
WDRM v4 Asset – CapBank	Asset – CapBank	Individual capacitor bank equipment risk values	Risk Value

File Name	Tab Name	Description	Risk Type
WDRM v4 Asset – DPD	Asset – DPD	Individual dynamic protection device equipment risk values	Risk Value
WDRM v4 Asset – Fuse	Asset – Fuse	Individual fuse equipment risk values	Risk Value
WDRM v4 Asset – Primary Conductor	Asset – Primary Conductor	Individual primary conductor equipment risk values for the primary conductor composite and the supporting 3 event sub-models	Risk Value
WDRM v4 Asset – Support Structure	Asset – Support Structure	Individual support structure equipment risk values for the support structure composite and the supporting 2 event sub-models	Risk Value
WDRM v4 Asset – Switch	Asset – Switch	Individual switch equipment risk values	Risk Value
WDRM v4 Asset – Transformer	Asset – Transformer	Individual transformer equipment risk values for the transformer composite and the supporting 2 event sub-models	Risk Value
WDRM v4 Asset – Voltage Regulator	Asset – Voltage Regulator	Individual voltage regulator equipment risk values	Risk Value