PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2023
Data Response

PG&E Data Request No.:	TURN_008-Q004		
PG&E File Name:	WMP-Discovery2023_DR_TURN_008-Q004		
Request Date:	April 24, 2023	Requester DR No.:	TURN-PG&E-8
Date Sent:	April 27, 2023	Requesting Party:	The Utility Reform Network
DRU Index #:		Requester:	Tom Long

SUBJECT: RISK ANALYSIS

QUESTION 004

The first paragraph of the response to TURN data request 5-4 states that, historically, PG&E has observed more frequent ignitions and larger wildfires associated with the overhead primary distribution powerlines, compared to lower voltage secondary distribution lines, service connections and high voltage transmission lines.

a. Please provide, in live Excel format, the data on which this statement was based, and provide an explanation of what PG&E believes the data show.

b. Please provide data, from 2015 to the present, showing for each of primary distribution overhead lines, secondary distribution overhead lines, service connections, and high voltage transmission lines:

   i. Number of ignitions

   ii. Number of ignitions normalized by mileage;

   iii. Size (e.g., acres) of fires resulting from ignitions; and

   iv. Number of structures destroyed by fires resulting from ignitions.

ANSWER 004

a. This statement was based on our CPUC reportable ignitions in High Fire Threat Districts (HFTDs) across PG&E's service territory in 2019–2022. See Worksheet a of attachment WMP-Discovery2023_DR_TURN_008-Q004Atch01.xlsx. The detailed data by ignition can be found in worksheet entitled "Detail_CPUC HFTD 2015-2022."

   As shown in the table on Worksheet a, we observed 33 of 489 (~7%) equipment-related ignitions in HFTDs associated with transmission powerlines, 33 of 489 (~7%) equipment-related ignitions in HFTDs associated with lower voltage service distribution powerlines, and 25 of 489 (~5%) equipment-related ignitions in HFTDs associated with lower voltage secondary distribution powerlines. In contrast, for the same period, we observed over 80% of ignitions in HFTDs on primary distribution powerlines.

b. Please see four separate worksheets for each subpart in attachment "WMP-Discovery2023_DR_TURN_008-Q004Atch01.xlsx" that provide the detail requested for 2015 through 2022. The detailed data by ignition can be found in worksheet entitled "Detail_CPUC HFTD 2015-2022."

i. Number of ignitions - See worksheet b.i.
ii. Number of ignitions normalized by mileage – See worksheet b.ii.
iii. Size (e.g., acres) of fires resulting from ignitions – See worksheet b.iii.
iv. Number of structures destroyed by fires resulting from ignitions – See worksheet b.iv.