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

PG&E Data Request No.:	CalAdvocates_042-Q001		
PG&E File Name:	WMP-Discovery2023-2025_DR_CalAdvocates_042-Q001		
Request Date:	April 9, 2024	Requester DR No.:	CalAdvocates-PGE-2025WMP-06
Date Sent:	April 12, 2024	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

QUESTION 001

Page 10 of PG&E's 2025 WMP Update states that, for version 4 of PG&E's Wildfire Consequence Model, PG&E increased the fire simulation time from eight to 24 hours.

a) List the reasons why PG&E chose to increase the fire simulation time to 24 hours.

b) Is PG&E aware of any potential detrimental effects associated with increasing the fire simulation time from eight to 24 hours?

c) If the answer to part (b) is yes, list any such potential detrimental effects.

d) What has PG&E done so far to validate the accuracy of 24-hour fire simulations?

ANSWER 001

a) There were two main drivers for evaluating and eventually utilizing longer fire simulations:

   1. Expert consensus. Interveners and the E3 model validation for the WDRM v3 model recommended moving to longer simulation times to capture fire impacts.
   2. As outlined in more detail in the response to Request No. 002, there is a slightly more robust relationship between simulation acreage and actual acreage burned in historic fires.

b) No.

c) Not applicable, please see the response to subpart (b) above.

d) As outlined in the response to Request No. 002, there is a slightly more robust relationship between simulation acreage and acreage burned in historic fires.