

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans
Rulemaking 18-10-007
Data Response

PG&E Data Request No.:	MGRA_011-Q34		
PG&E File Name:	WildfireMitigationPlans_DR_MGRA_011-Q34		
Request Date:	March 4, 2021	Requester DR No.:	WMP-2021 MGRA PGE DataRequest 5
Date Sent:	March 9, 2021	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

Regarding PG&E's ignition probability model:

QUESTION 34

By “gusty summer days” (p. 98), what is the “summer” definition used for the purposes of this calculation? What was the justification for restricting this variable to summer?

ANSWER 34

The definition of summer for wildfire risk modeling is June 1st through November 30th. While equipment failures, and to a lesser extent, ignitions occur throughout the year, wildfire risk is highest when fuel and moisture levels reach critical stages during summer periods. As the 2021 Wildfire Distribution Risk Model is focused on quantifying wildfire risk as the product of ignition probability and wildfire consequence and wildfire consequence is tuned to peak wildfire conditions in the summer, the ignition probability also focused on the same time period.