

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

PG&E Data Request No.:	MGRA_009-Q002		
PG&E File Name:	WMP-Discovery2023-2025_DR_MGRA_009-Q002		
Request Date:	April 8, 2024	Requester DR No.:	MGRA Data Request No. 2
Date Sent:	April 11, 2024	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

Table PG&E-B.1.1-2 Event Probability Model Predictive Performance

QUESTION 002

Please provide information available on the introduction of “an assessment of dry wind conditions for predicting areas of high consequence”.

ANSWER 002

As indicated on page 10 of the 2025 PG&E WMP Update, one of the key updates to the v4 Wildfire Consequence (WFC) model is the addition of an analog for Red Flag conditions. Red Flag conditions are correlated with fire outcomes. However, due to inconsistencies with the way Red Flag conditions are forecast and reported, a proxy for Red Flag conditions has been developed that is consistent across the territory. The WFC model uses one of the definitions for Red Flag conditions found in Northern California and estimates the so-called “dry wind” conditions from PG&E historic meteorology data.

Dry wind conditions enter as a partition in the baseline consequence model, similar to the way the risk bowtie uses Red Flag warnings. Like Red Flag warnings, dry wind remains correlated with severe fire outcomes. However, the additional explanatory power of dry wind over the predicted destructive condition has proven to be more modest.