

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

PG&E Data Request No.:	MGRA_010-Q01		
PG&E File Name:	WildfireMitigationPlans_DR_MGRA_010-Q01		
Request Date:	February 25, 2021	Requester DR No.:	WMP-2021 MGRA PGE DataRequest 4
Date Sent:	March 2, 2021	Requesting Party:	Mussey Grade Road Alliance
PG&E Witness:		Requester:	Joseph Mitchell

The following data requests are being issued to PG&E.

QUESTION 01 (16)

On page 64 of its WMP, PG&E states that “during RFW conditions, there is approximately a 70 percent chance that a large wildfire (i.e., 300 acres or greater) started with an ignition involving PG&E’s electric equipments [sic] in an HFTD area results in destroying 100 or more structures.” Please provide the calculation justifying this assertion.

ANSWER 01 (16)

This is based off reviewing PG&E’s ignition tracking data and large fires in PG&E territory. In looking at attachment ‘WildfireMitigationPlans_DR_MGRA_010-Q16_Atch01.xlsx’, PG&E separates each ignition by HFTD, RFW, and fire size, shown in ‘All Ignition Data set’. That then is matched against CALFIRE’s reporting on structures, and fatalities, shown in ‘Large Fires (PGETerritory)’. Based on matching of the two data sets, there was 7 ignitions identified. Of those 5 were attributed to meet the greater than 300 acre + 100 or more structures threshold.

In ‘All Ignition Data Set’, filter ‘0_RFW Applicable’ for ‘Fire Weather RFW Applicable’, and ‘0_Fire Greater than 300 Acres’ for ‘Fire Greater than 300 Acres’. You will find seven unique entries. These represent large fires during RFW.

In ‘Large Fires (PGETerritory)’, filter ‘0_RFW Applicable’ for ‘Red Flag Warning Applicable’, filter ‘Cause’ for ‘Electrical Power’, there are 6 unique line items, with 5 fires greater than 100 structures under column ‘0_Buildings Destroyed Modified’. These represent catastrophic/destructive fires during RFW.

When you combine these two data sets, out of the 7 ignitions that meet large fires, 5 led to catastrophic/destructive fires during RFW. Five out of seven is approximately 71.4%, rounded to 70%.