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

PG&E Data Request No.:	WSD_010-Q07		
PG&E File Name:	WildfireMitigationPlans_DR_WSD_010-Q07		
Request Date:	March 15, 2021	Requester DR No.:	WSD to PGE – Data Request – 20210315
Date Sent:	March 18, 2021	Requesting Party:	Wildfire Safety Division
PG&E Witness:		Requester:	Ryan Arba

QUESTION 07

If PG&E were to utilize outage data instead of ignition data to train its model:

a. Approximately how long would it take for PG&E to retrain its model on the outage data set, test it, and produce similar outputs to those provided in its 2021 WMP?

ANSWER 07

a. Under this scenario, PG&E would not simply change the training and testing data from ignition to outages but would have to reconstruct the model logic to translate outages into ignitions, which is not a one-to-one relationship. Since Model development is a multi-month process given the multiple steps in the lifecycle, PG&E estimates that in order to rebuild, train and test such a model would take approximately nine (9) months. For reference, the 2022 models started at the end of Q3 in 2020 and are currently on track for an end of Q2 2021 completion.