

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

PG&E Data Request No.:	CalAdvocates_035-Q05		
PG&E File Name:	WildfireMitigationPlans_DR_CalAdvocates_035-Q05		
Request Date:	January 19, 2021	Requester DR No.:	CalAdvocates-PGE-2021WMP-01
Date Sent:	February 12, 2021	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Matthew Yunge, PE

QUESTION 05 - AMENDED FEBRUARY 1, 2021

Provide an Excel table of all transmission circuits (as rows) that includes the same information listed above in Question 4(a)-(d)(ggg).

ANSWER 05

PG&E is providing the information in the attachment named "WildfireMitigationPlans_DR_CalAdvocates_035-Q04-Atch01". Included in the table below are notes that document assumptions in methodology for data collection. Where we have not included any notes, the data provided did not require adaptations or assumptions in answering the request.

Data	Question	Notes
Circuit Information	a. - g.	<ul style="list-style-type: none"> Assets (miles) in Zone 1 were not requested separately but do not fall into column d, e or f. For completeness of understanding HFTD assets miles in Zone 1 have been included in Tier 2 data in column e. Some circuits can have multiple voltages, where this occurs the Circuit Voltage in column g reflects the voltage of the majority of the circuit (based on circuit miles).
Wildfire Risk Level	h.	<ul style="list-style-type: none"> Wildfire Risk Level is populated using the distribution risk model developed in 2018 as this was the primary model used to prioritize work from 2018-2020. That risk model was developed for circuits in high fire threat districts. Circuits not in high fire threat districts do not have a risk score via that model and are labeled as 'Non-HFTD'.
SAIDI / SAIFI / MAIFI	i. - k.	<ul style="list-style-type: none"> Transmission denominator for these outage indices was based on PG&E's total customer base (~5.6M customers)
Vegetation Management	l. - q.	<ul style="list-style-type: none"> Mileage by Risk zone has been capped at the length of the circuit thus if a location was inspected or

		<p>worked multiple times in a year (which is common in many HFTD areas) that is not reflected in this data</p> <ul style="list-style-type: none"> • Zone 1 miles have been included in Tier 2 data • EVM is not performed on Transmission circuits
Miles of Covered Conductors	r. - z.	<ul style="list-style-type: none"> • Transmission lines do not include covered conductors as they are not approved for use.
Number of Poles	aa. - ii.	<ul style="list-style-type: none"> • Data includes poles and towers
Miles of Underground Conductors	jj. - rr.	<ul style="list-style-type: none"> • Data includes underground line installations only
LiDAR Inspections	ss. - uu.	<ul style="list-style-type: none"> • LiDAR inspection mileage has been capped at the length of the circuit thus ignoring any cases where a segment was inspected multiple times
Detailed Overhead Inspections	vv. - xx.	<ul style="list-style-type: none"> • Overhead inspections are reported on owned assets. Operated assets are excluded. • Total OH inspection mileage was capped at the length of the circuit thus ignoring any cases where a segment was inspected multiple times • Data includes ground / aerial and climbing inspections combined
Number of Sectionalization Devices	yy. - ggg.	<ul style="list-style-type: none"> • Sectionalization devices include switches that are replaced / installed on a regular basis across all circuits. These devices can serve as sectionalized devices during planned or unplanned outages.