

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

PG&E Data Request No.:	CalAdvocates 022-Q008		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates 022-Q008		
Request Date:	May 2, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-22
Date Sent:	May 5, 2023	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

QUESTION 008

In response to data request CalAdvocates-PGE-2023WMP-05, question 3, PG&E provided the number of distribution inspections that failed QC review. Out of 52,894 inspections that underwent desktop quality control, 4,978 (9.4%) failed. Out of 4,096 inspections that underwent field quality control, 602 (14.7%) failed.

The above numbers generate a pass rate of 90.6% for desktop quality control and 85.3% for field quality control.

Table 8-7-2 on page 446 of PG&E's WMP lists a "critical pass rate" of 85.5% for distribution desktop audits, and 79.3% for distribution field audits.

Distribution Inspection QC Results				
	Inspections subject to QC, per DR 5, Q3	QC failures per DR 5, Q3	Pass rate per DR 5, Q3	Critical pass rate per Table 8-7-2 on page 446
Desktop QC	52,894	s	90.6%	85.5%
Field QC	4,096	602	85.3%	79.3%

- a) If any of the figures in the table above are inaccurate, please provide corrected figures.
- b) Please explain the apparent discrepancy between the failed inspection numbers provided in response to data request CalAdvocates-PGE-2023WMP-05, question 3, and the critical pass rate provided in Table 8-7-2 on page 446 of PG&E's WMP.

ANSWER 008

- a) All numbers in the table above have been verified and are accurate per our 2022 data and dashboards.
- b) Critical pass rate is a subset of the overall pass rate, looking at specific, Critical priority ranked attributes.

- Pass rate, in this example, is defined as “The number of inspections that failed QC review was derived from the count of inspections with a Cause Code Description, compelling abnormal condition missed during inspection, or a maintenance notification was not created.”
- Critical pass rate for this specific subset of work, which included only distribution, is defined as:

Distribution Inspections Quality Verification (DIQV):

Number of System Inspection (SI) inspections in HFTD Tier 3 and Tier 2 from the statistical sample that pass quality verification reviews in regard to “STIP Failures” is ($Locations_{Pass}$) divided by the total statistical random sample of completed SI inspections, one equipment ID per inspection, in the audit period is ($Locations_{Total}$), multiplied by 100 to attain a percentage.

$$QV \text{ Distribution Pass Rate} = 100 \times \left(\frac{Locations_{Pass}}{Locations_{Total}} \right)$$