

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

PG&E Data Request No.:	OEIS_003-Q009		
PG&E File Name:	WMP-Discovery2023_DR_OEIS_003-Q009		
Request Date:	April 21, 2023	Requester DR No.:	P-WMP_2023-PG&E-003
Date Sent:	April 26, 2023	Requesting Party:	Office of Energy Infrastructure Safety
DRU Index #:		Requester:	Colin Lang

SUBJECT: REGARDING PG&E'S ASSET INSPECTION PROGRAM

QUESTION 009

- a. Provide the inspection checklists used for both PG&E's patrols and detailed inspections.
- b. If PG&E tailors its inspections specifically to inspect wildfire risk specific items, identify which items within the checklist this applies to, particularly if such differs from standard GO 95 inspections.
- c. On average, how many detailed inspections are completed by inspectors per day?

ANSWER 009

THE CONFIDENTIAL MATERIAL IS BEING PROVIDED PURSUANT TO THE ACCOMPANYING CONFIDENTIALITY DECLARATION.

Distribution Inspection Program

- a) Please see attachment "WMP-Discovery2023_DR_OEIS_003-Q009Atch01.xlsx" for the inspection checklist used by our detailed distribution inspections. Please note that no checklist is used during distribution patrols.
- b) Please see column F of attachment "WMP-Discovery2023_DR_OEIS_003-Q009Atch01.xlsx" for the items specific to wildfire risk. The checklist items that are related to wildfire risk have been designated as "critical attributes."
- c) On average, PG&E completes 25 to 30 structures per day, per inspector.

Transmission Inspection Program

- a) Please see the following attachments for the checklists related to our Transmission Inspection Program:
 - i. Transmission Inspection form:
"WMP-Discovery2023_DR_OEIS_003-Q009Atch02.xlsx."
 - ii. Patrol forms:
"WMP-Discovery2023_DR_OEIS_003-Q009Atch03CONF.pdf;"
"WMP-Discovery2023_DR_OEIS_003-Q009Atch04.pdf."

- b) Wildfire risk items are identified through asset abnormalities prioritized by G.O. 95, Rule 18 and documented in Please reference our Electric Transmission Line Guidance for Setting Priority Codes Standards located on our website at the following link: https://www.pge.com/pge_global/common/pdfs/safety/emergency-preparedness/natural-disaster/wildfires/wildfire-mitigation-plan/standards-and-procedures/td-8123p-103.pdf. Items that reference “Issues” on Column “Question” of the inspection form attachment WMP-Discovery2023_DR_OEIS_003-Q009Atch02.xlsb (ex: “Conductor Issues”) list potential wildfire risk items for the inspectors to identify.
- c) On average, PG&E completes inspections on 20 to 25 structures per day, per inspector.

Substation Inspection Program

- a) Please see attachment “WMP-Discovery2023_DR_OEIS_003-Q009Atch05.xlsx” for a checklist providing a detailed view of supplemental inspection questions by substation asset type.
- b) Substation supplemental inspections questions were developed specifically for the detection of fire ignition risks within substations and were informed by Failure Mode & Effects Analysis (FMEA). Although, many of the questions are overlapped from the routine-based inspections, the methods for detecting ignition issues utilized during supplemental inspections are more rigorous and intended to provide higher ignition detectability compared to routine (GO 174) inspections. The supplemental inspection program utilizes a combination of ground-based inspections, aerial-based drone inspections, and infrared-based inspections to complete a supplemental inspection unit at a substation. Different than routine-based substation inspections, the supplemental inspections are then reviewed in part by a Centralized Inspection Review Team (CIRT) and Inspection Review Specialists (IRS) to validate findings and ensure inspection accuracy.
- c) Substation supplemental inspection completions include three methods of inspection: ground, infrared and aerial-drone. The average rate of inspection completions is equal to 0.077 inspections per day, per inspector during the substation supplemental inspection cycle.