

**PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response**

PG&E Data Request No.:	OEIS_009-Q07		
PG&E File Name:	WMP-Discovery2022_DR_OEIS_009-Q07		
Request Date:	April 8, 2022	Requester DR No.:	OEIS-P&GE-22-009
Date Sent:	April 13, 2022	Requesting Party:	Office of Energy Infrastructure Safety
PG&E Witness:		Requester:	Kevin Miller

SUBJECT: IGNITION AUDIT TRACKING

QUESTION 07

In PG&E’s 2022 WMP update, in section 7.3.7.4, PG&E reports that it conducted an audit of work tracking databases which identified ignitions which had not been reported. Energy Safety asked several questions pertaining to this audit in data request OEIS 008 Question #6, including the following (item b): “PG&E’s WMP update states that the audit led to “several corrective actions” but does not describe them – what were those specific actions?” PG&E’s response to this was as follows:

To reduce the occurrence of missed ignitions, the following actions have been taken:

- PG&E partnered with IT to implement revisions to Field Automation System (FAS) to better self-guide the restoration team to identify ignition events – these enhancements were deployed in June 2021;
- PG&E partnered with Dispatch and Scheduling on upcoming communications to the field regarding the usage of FAS to capture ignition events;
- PG&E partnered with the Asset Failure Analysis team on the field data collection improvement pilot;
- PG&E worked with the academy to implement an annual training requirement related to the use of the CPUC fire tab per our standards (RISK-6306S);
- PG&E incorporated the review of all potential ignition related FAS tags into the scope of the Ignitions Investigations Team;
- PG&E revised the RISK 6306-01 standard to include lessons learned from this audit as well as processes related to the ongoing review of FAS for potential missed ignitions.

Energy safety requests the following items:

- a) Provide any available documentation on the “field data collection improvement pilot” or, if there is no existing documentation, describe the pilot (purpose, scope, methods, data collection)
- b) Provide a redline copy of the RISK 6306-01 standard showing the relevant revisions.

ANSWER 07

- a) Attached as “WMP-Discovery2022_DR_OEIS_009-Q07Atch01.pdf” please find the documentation regarding the Asset Failure Data Collection Initiative. Additionally, the following is an outline of the Asset Failure Data Collection Initiative’s purpose, scope, methods, and data collection:
- i. **Purpose** – the Asset Failure Data Collection Initiative will allow Electric Operations to better understand the health of electric assets as it relates to outages. For assets that have failed, it will provide information on what asset failed and why it failed. For assets still in operation, it will help identify the risk of failure and potential causes of failure. In simple terms, this initiative takes both a reactive and proactive approach to assess electric outages.
 - ii. **Scope** – this initiative applies to Distribution outages caused by Equipment Failures. This initiative focuses on equipment failures that cause the majority of outages, including (but not limited to) transformers, overhead and underground primary conductors, connectors, jumpers, poles, cross-arms, overhead secondary conductors, fuses, insulators, and capacitors.
 - iii. **Methods and Data Collection** – to collect the necessary data for this initiative, Troublemakers and first-responders are trained to capture key failure data. The data collection is integrated into current Troublemakers work processes. There is an expanded team of asset engineers and analysts who will review the data received from the field and validate the equipment failure causes. This data will be stored in a centralized database of asset failures in Palantir Foundry.
- b) Please see the attachment entitled “WMP-Discovery2022_DR_OEIS_009-Q07Atch02.pdf.” Revisions were made to include the ongoing review of the systems of record outlined in section 2.4 for any potential missed ignitions.

While we are not in possession of a redline copy, the Revision Notes, beginning on the bottom of page 7, and continuing on page 8, provide a detailed description of all changes made to content in this document. Please note that the employee names in the document have been redacted in lieu of providing a confidentiality declaration.