

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

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| PG&E Data Request No.: | CalAdvocates_013-Q07 | | |
| PG&E File Name: | WMP-Discovery2022_DR_CalAdvocates_013-Q07 | | |
| Request Date: | March 4, 2022 | Requester DR No.: | CalAdvocates-PGE-2022WMP-13 |
| Date Sent: | March 9, 2022 | Requesting Party: | Public Advocates Office |
| PG&E Witness: | | Requester: | Miles Gordon |

The following questions relate to your 2022 WMP Update submission.

Note: if the report requested in question 1(a) contains a full response to any of the other questions or sub-parts, your responses thereto may consist of a citation to specific pages of the report.

QUESTION 07

PG&E's 2022 WMP states:

REFCL technology could not be fully evaluated beyond the initial testing because of the equipment failure and supply chain issues. As a result, PG&E is looking to further study REFCL capabilities after obtaining replacement supplies and making repairs and modifications at the Calistoga site in 2022.¹

- a) When does PG&E expect to obtain these replacement supplies?
- b) What will PG&E do to fully evaluate the REFCL technology beyond the initial testing?
- c) How have PG&E's plans changed given the equipment failure?
- d) How have PG&E's plans changed given the supply chain issues?
- e) Please describe the nature of the "repairs and modifications at the Calistoga site" referred to above.
- f) Does PG&E intend to finish the "repairs and modifications" in 2022?
- g) If the your answer to subpart (f) is no, what is PG&E's timetable to finish these repairs and modifications?

ANSWER 07

- a) PG&E has the replacement supplies in our possession.
- b) PG&E will perform the remaining field testing with the intent to have the REFCL equipment in-service for day-to-day operation.

¹ PG&E's 2022 WMP, p. 556.

- c) PG&E worked with the supplier to determine the root cause and understand the equipment failure. The substation design has been modified to prevent the equipment failure previously encountered.
- d) PG&E pivoted to using more standard design transformers which have a shorter lead time than the specialty design grounding transformer. Substation equipment and materials generally have longer lead times now due to the global supply chain situation, so PG&E will need to plan accordingly going forward.
- e) Please refer to the report at page 17 in Attachment "WMP-Discovery2022_DR_CalAdvocates_013-Q01Atrch01.pdf" provided in response to Question 1(a). The substation design has been modified to eliminate the grounding transformer. The arc suppression coil (ASC) is being connected directly to the Bank 1 secondary neutral. A standard 12 kV PG&E service transformer with a 480:400V step down transformer are being used to provide service power to the REFCL control system.
- (f) Yes
- (g) N/A