

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

PG&E Data Request No.:	CalAdvocates_011-Q016		
PG&E File Name:	WMP-Discovery2023_DR_CalAdvocates_011-Q016		
Request Date:	April 5, 2023	Requester DR No.:	CalAdvocates-PGE-2023WMP-11
Date Sent:	April 10, 2023	Requesting Party:	Public Advocates Office
DRU Index #:		Requester:	Pui-Wa LI

The following questions relate to your 2023-2025 WMP submission and also the following documents:

- PG&E's 2022 WMP, Section 7.1.E, Attachment 1 (Attch_Q3.pdf),
- PG&E's presentation during the 2021 EPIC Symposium (Attch_Q6_EPIC_Presentation.pdf),
- PG&E's Electric Preliminary Statement Part FY (Tariff Sheet No. 52259-E), and
- PG&E's Test Year 2023 GRC, Application 21-06-021, Exhibit PG&E-04 and Exhibit PG&E-17.

TOPIC: RAPID EARTH FAULT CURRENT LIMITER (REFCL)

QUESTION 016

Please provide all available documentation, studies, and analyses evidencing PG&E's conclusions on each of the following aspects of REFCL deployment:

- a) The significant changes to the grid required to implement REFCL technology,
- b) The cost estimates for such changes,
- c) The equipment installations required due to such changes, and
- d) The likely operational impacts resulting from the implementation of REFCL on PG&E's system.

ANSWER 016

- a) Please see: Rilery, Roger and Jon Bernardo. "JA8648-0-0 REFCL Functional Performance Report." October 14, 2020. This document can be accessed at the following link: <https://www.esv.vic.gov.au/sites/default/files/2022-12/REFCL-Functional-Performance-Review.pdf>. Please see page 29 of this document for the requested information.
- b) Please refer to PG&E's Test Year 2023 GRC, Application 21-06-021, Exhibit PG&E-04 and Exhibit PG&E-17.
- c) Please see: Rilery, Roger and Jon Bernardo. "JA8648-0-0 REFCL Functional Performance Report," the same document as identified in response to subpart (a).

- d) Please see: Rilery, Roger and Jon Bernardo. "JA8648-0-0 REFCL Functional Performance Report," the same document as identified in response to subparts (a) and (c).