

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

PG&E Data Request No.:	CalAdvocates_017-Q10		
PG&E File Name:	WMP-Discovery2022_DR_CalAdvocates_017-Q10		
Request Date:	March 21, 2022	Requester DR No.:	CalAdvocates-PGE-2022WMP-17
Date Sent:	March 29, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

**QUESTION 10**

Please provide a spreadsheet listing (as rows) each undergrounding project completed during the period of January 1, 2020, through March 1, 2022. For each project, please provide the following information (as columns):

- a) Project ID number or other identifier.<sup>1</sup>
- b) Circuit ID.
- c) ID number of each CPZ that was entirely undergrounded in the project.
- d) ID number of each CPZ that was partially undergrounded in the project.
- e) Circuit voltage.
- f) County or counties where undergrounding took place.
- g) Project start date.
- h) Project completion date.
- i) Total circuit-miles undergrounded.
- j) Total miles of trenching required.
- k) Total life-cycle electric costs of the project (i.e., costs attributed to PG&E's electric facilities), including costs for planning, design, permitting, and construction.
- l) Total life-cycle costs of the project, including costs attributed to non-electric utilities, including costs for planning, design, permitting, and construction.
- m) Whether this was a Rule 20 project (yes/no).
- n) Whether this was a WMP project (yes/no).
- o) Whether this was a post-wildfire rebuild project (yes/no).
- p) Whether PG&E shared trenches for this project with any telecommunications utilities (yes/no).
- q) Whether PG&E shared trenches for this project with gas facilities (yes/no).

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<sup>1</sup> For the purposes of Questions 10 and 11, "project ID" should correspond to the field "GhID" defined as "Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line feature class attribute table" in OEIS's Geographic Information Systems Data Standard Version 2.2, January 2022.

## ANSWER 10

PG&E understands this question to be referring to undergrounding work taking place as part of wildfire risk mitigation activities as described in the 2020, 2021 and 2022 WMPs. It does not include new construction undergrounding work that is unrelated to wildfire mitigation work.

Two attachments:

*WMP-Discovery2022\_DR\_CalAdvocates\_017-Q10Atrch01.xlsx* – See the notes below for clarifications in response to Question 10.

- Subsection (e), Circuit Voltage – This data point is not regularly maintained for our System Hardening projects. As a rule of thumb, circuits that begin with “11” and “21” are typically 12kv and 21kv respectively. For example, ANTLER 1101 is 12kv.
- Subsection (j), Total Trenching Miles - This data point is not regularly maintained for our System Hardening undergrounding projects.
- Subsection (l), Projects Costs – There are no non-electric costs.
- Subsection (o), Fire Rebuild Projects – Column B indicates whether a System Hardening undergrounding project is also associated with a Fire Rebuild.
- Subsection (m), Rule 20 Projects -This attachment does not include any data from Rule 20A undergrounding projects.
- Subsection (p), Shared Trenching - None of the undergrounding projects identified in this attachment involve shared trenching with telecommunications utilities.
- Subsection (q), Shared Trenching - None of the undergrounding projects identified in this attachment involve shared trenching with gas facilities.

*WMP-Discovery2022\_DR\_CalAdvocates\_017-Q10Atrch02.xlsx* - See the notes below for clarifications in response to Question 10.

- Subsection (e), Circuit Voltage – All the work within the Butte Rebuild is on 12kv distribution.
- Subsection (j), Totaling Trenching Miles – This length represents the total trenching required for an individual project regardless of the trench occupant or if the trench contains primary or service.
- Subsection (m), Rule 20A - The Butte Rebuild has completed one Rule 20A project. This project was planned pre-fire and completed post-fire.