

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

PG&E Data Request No.:	SPD_005-Q007		
PG&E File Name:	WMP-Discovery2023_DR_SPD_005-Q007		
Request Date:	May 16, 2023	Requester DR No.:	SPD_PG&E_2023_005
Date Sent:	June 12, 2023	Requesting Party:	Safety Policy Division
DRU Index #:		Requester:	Kevin Miller

SUBJECT: DATA REQUEST SPD_PG&E_2023_005; DUE MONDAY, JUNE 12, 2023;
SUBJECT: UNDERGROUNDING PROJECT COSTS AND NON-CPUC-REPORTABLE
IGNITION DATA

QUESTION 007

On pilot projects completed to date:

- a. What is the total all-in cost per mile?
- b. What is the breakdown of project costs per mile? SPD expects to see the following components inside of the costs, although SPD understands they may not be broken down in this exact format:
 - i. Scoping (e.g., primary line, secondary line, service drop)
 - ii. Design (e.g., fees for both internal and external designers)
 - iii. Design Estimating (e.g., labor, materials, other costs)
 - iv. Dependencies (e.g., permits, contracts, long-lead materials)
 - v. Construction (e.g., civil construction, electric construction)
 - vi. Other? (e.g., direct payments to homeowners so homeowners may complete work such as landscaping or road repair)

ANSWER 007

- a. In 2019, PG&E completed two pilot projects to convert overhead primary conductor to underground primary conductor. The total all-in cost per mile for each pilot project is noted in the below table:

	Project Order #	
	35052718	35089880
Total Unit Cost Per Mile (in \$M)	\$2.11	\$4.18

- b. PG&E breaks down actual costs slightly differently than the format suggested by SPD in this question. For undergrounding at the project level PG&E uses a format agreed on in partnership with other IOUs. The following components contribute to the total:

- Labor (internal)
- Materials
- Contractor
- Overhead (division, corporate, etc.)
- Other
- Financing Costs

The costs for each of the two pilot projects by cost component are shown in the table below.

		Project Order #	
		35052718	35089880
Cost Component	Labor (internal)	\$124,386.70	\$312,187.82
	Materials	\$84,639.90	\$441,554.87
	Contractor	\$508,081.67	\$561,087.68
	Overhead	\$126,013.77	\$333,701.10
	Other	\$44,967.19	\$27,643.32
	Financing	\$16,753.82	-
Total Cost		\$904,843.05	\$1,676,174.79
Undergrounded Miles		0.43	0.40
Total Unit Cost Per Mile (in \$M)		\$2.11	\$4.18