

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

PG&E Data Request No.:	CalAdvocates_018-Q10		
PG&E File Name:	WMP-Discovery2022_DR_CalAdvocates_018-Q10		
Request Date:	March 25, 2022	Requester DR No.:	CalAdvocates-PGE-2022WMP-18
Date Sent:	March 30, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

The following questions relate to your 2022 WMP Update submission.

**QUESTION 10**

PG&E's response to data request CalAdvocates-PGE-2022WMP-16, Question 6, states, "GBL scanning costs are approximately \$400 per mile, including scanning, data processing and electrical asset and vegetation feature extraction."

According to Table 12 of your WMP, the projected 2022 OPEX cost for initiative 7.3.5.7, "Remote sensing inspections of vegetation around distribution electric lines and equipment" is approximately \$37.1 million. The projected line miles to be treated is 2,000, for an average cost-per-mile of \$18,545.

The projected 2022 OPEX cost for initiative 7.3.5.8, "Remote sensing inspections of vegetation around transmission electric lines and equipment" is approximately \$13 million. The projected line miles to be treated is 17,759, for an average cost-per-mile of \$732.

- a. Please provide a breakdown of the forecasted \$18,545 cost per mile for initiative 7.3.5.7.
- b. Please explain the per-mile cost difference between initiatives 7.3.5.7 and 7.3.5.8.

**ANSWER 10**

- a. We estimate that the cost per mile of LiDAR collection and data processing for Ground-Based LiDAR is approximately \$400 per mile. The collection schedule and plan are still being developed and based on logistical aspects the cost per mile could change. The \$37.1 million budget reflected in Table 12 was developed to potentially account for additional scope beyond our target within Initiative 7.3.5.7. The additional scope is still being reviewed for feasibility in 2022 and beyond.
- b. Initiatives 7.3.5.7 and 7.3.5.8 have different use cases associated with the LiDAR data from collections and the collection mode and approach have been tailored to the use-case for each initiative. Please refer to CalAdvocates\_018-Q09 for additional information on the use case for Ground Based LiDAR (7.3.5.7) and Transmission LiDAR (7.3.5.8).