

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

PG&E Data Request No.:	CalAdvocates_017-Q06		
PG&E File Name:	WMP-Discovery2022_DR_CalAdvocates_017-Q06		
Request Date:	March 21, 2022	Requester DR No.:	CalAdvocates-PGE-2022WMP-17
Date Sent:	March 24, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

QUESTION 06

On November 2, 2021, Cal Advocates staff (and other stakeholders) visited the site of an overhead system hardening project, Diamond Springs 1107. At this site, Cal Advocates discussed the installation of covered conductor with PG&E staff. Cal Advocates was informed that, for this project, wider crossarms were being installed to minimize line slap of the heavier covered conductor.

- a) Is the above understanding correct with regard to the installation of wider crossarms in this project?
- b) What is PG&E's typical practice regarding installation or replacement of crossarms when installing covered conductor?
- c) Do PG&E's current design and construction standards typically call for different crossarm widths on poles that carry covered conductors than poles that carry bare conductors, for circuits of similar voltage?
- d) If the answer to part (c) is yes, please describe the differences.
- e) Regarding covered conductor projects completed in 2021, approximately what percentage of crossarms were replaced with wider crossarms as part of these projects?

ANSWER 06

- a) PG&E installs standard Triangular Crossarm construction using PG&E approved bonded crossarms. This is typically wider than what is currently installed (often bracket construction), but not different than what is constructed on new projects everywhere else. With covered conductor, line wrap due to gallop is a concern if the conductors are too close together. Line slap is less of a concern with covered conductor.
- b) PG&E installs standard Triangular Crossarm construction using PG&E approved bonded crossarms.
- c) No
- d) N/A

- e) Nearly 100% of crossarms are replaced as a result of the installation of covered conductor unless those crossarms had been recently replaced as part of standard maintenance activity. This is a qualitative figure as this information is not collected and maintained in a way to provide an expedited response.