

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

PG&E Data Request No.:	CalAdvocates_020-Q02		
PG&E File Name:	WMP-Discovery2022_DR_CalAdvocates_020-Q02		
Request Date:	April 5, 2022	Requester DR No.:	CalAdvocates-PGE-2022WMP-20
Date Sent:	April 11, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Holly Wehrman

The following questions relate to your 2022 WMP Update submission.

QUESTION 02

- a. On average, how many poles per circuit-mile exist on bare-wire distribution circuits in HFTD?
- b. On average, how many poles per circuit-mile exist on covered conductor distribution circuits in HFTD?

ANSWER 02

- a. The average span length between poles supporting bare wire distribution circuits in PG&E's service territory, including HFTD and non-HFTD areas, is approximately 250 feet. This results in an average of approximately 21 poles per mile. However, span lengths vary according to impacts of route, terrain, vegetation, and other factors.
- b. Due to the additional weight and forces from wind on higher cross-sectional area conductor, PG&E tries to limit span lengths to 200' or less when designing system hardening projects involving covered conductor installation, when possible. An average span length of 200' results in approximately 26 poles per mile in HFTD areas hardened by covered conductor. However, as stated above, span lengths vary according to impacts of route, terrain, vegetation, and other factors.