PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans
Rulemaking 18-10-007
Data Response

PG&E Data Request No.:	CalAdvocates_047-Q02		
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Request Date:	March 2, 2021	Requester DR No.:	CalAdvocates-PGE-2021WMP-13
Date Sent:	March 9, 2021	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Tyler Holzschuh

The following questions relate to PG&E's 2021 wildfire mitigation plan (WMP).

QUESTION 02

a) When PG&E decided to replace wood transmission poles with steel structures as noted in its WMP, did PG&E factor in the risk of a large arc resulting from wire to pole or wire to crossarm contact? If so, please provide this analysis.

b) When PG&E decided to replace wood transmission poles with steel structures as noted in its WMP, did PG&E analyze the relative risk of ignition with steel versus composite structures? If so, please provide this analysis.

ANSWER 02

a) There was no explicit study conducted since PG&E standards account for arc protection regardless of wood or steel design. In general, light duty steel pole conductor clearance to either the structure or the crossarm is the same as that of wood poles.

b) The relative risk between composite and steel poles was not explicitly analyzed. PG&E notes, however, that all light duty steel poles are grounded per GO-95.