

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

PG&E Data Request No.:	CalAdvocates_024-Q02		
PG&E File Name:	WMP-Discovery2022_DR_CalAdvocates_024-Q02		
Request Date:	July 8, 2022	Requester DR No.:	CalAdvocates-PGE-2022WMP-24
Date Sent:	July 22, 2022	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Henry Burton

QUESTION 02

Regarding transmission structures and transmission connecting hardware in HFTD areas (“these facilities”):

- a) Does PG&E use x-rays to examine these facilities while in operation?
- b) If the answer to part (a) is yes, please describe how and where PG&E does this.
- c) Does PG&E use gamma rays to examine these facilities while in operation?
- d) If the answer to part (c) is yes, please describe how and where PG&E does this.
- e) Does PG&E use ultrasonic inspection to examine these facilities while in operation?
- f) If the answer to part (e) is yes, please describe how and where PG&E does this.

ANSWER 02

- a) No, we do not use x-ray inspections to examine transmission facilities while in operation.
- b) Not applicable.
- c) No, we do not use gamma ray inspections to examine transmission facilities while in operation.
- d) Not applicable.
- e) Yes. For 2022, we performed ultrasonic inspection on a targeted number of steel poles, in order to measure the thickness of the metal. This is discussed in further detail in the Section 7.3.4.10 of our 2022 WMP.
- f) The ultrasonic measurement pilot program involves a non-destructive test that uses high frequency sound waves to measure the thickness of the metal poles. Measurements are taken approximately four feet from the base of the pole as a baseline, and then again at the ground line to determine any shell thickness loss. Structures for this inspection are informed by the Wildfire Transmission Risk Model and other performance considerations.