

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

PG&E Data Request No.:	CalAdvocates_036-Q04		
PG&E File Name:	WildfireMitigationPlans_DR_CalAdvocates_036-Q04		
Request Date:	January 20, 2021	Requester DR No.:	CalAdvocates-PGE-2021WMP-02
Date Sent:	February 12, 2021	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Matthew Yunge, PE

The following questions relate to PG&E's inspections of transmission towers.

QUESTION 04

Please provide the following:

- a) The average amount of person-hours to perform a single climbing inspection of a transmission tower in 2020.
- b) The minimum amount of person-hours spent on a single climbing inspection of a transmission tower in 2020.
- c) The total amount of person-hours spent on climbing inspections of transmission towers in 2020.
- d) The total number of transmission towers that PG&E performed climbing inspections on in 2020.
- e) The total number of climbing inspections of transmission towers performed in 2020.
- f) Please respond to questions 4(a) through 4(e) for:
 - i. 2018.
 - ii. 2019.

ANSWER 04

- a) The average amount of person-hours to perform a single climbing inspection of a transmission tower in 2020.

Approximately 47.5 minutes. Climbing inspection duration was approximated through surveys of tower climbing personnel who completed more than 50 units of BFT inspections during the 2020 cycle, and is therefore approximate.

- b) The minimum amount of person-hours spent on a single climbing inspection of a transmission tower in 2020.

Approximately 25 minutes. Climbing inspection duration was approximated through surveys of tower climbing personnel who completed more than 50 units of BFT inspections during the 2020 cycle, and is therefore approximate.

- c) The total amount of person-hours spent on climbing inspections of transmission towers in 2020.

19,686 hours

- d) The total number of transmission towers that PG&E performed climbing inspections on in 2020.
2,931 towers
- e) The total number of climbing inspections of transmission towers performed in 2020.
2,931 towers
- f) Please respond to questions 4(a) through 4(e) for:
 - i. 2018.
 - a) The average amount of person-hours to perform a single climbing inspection of a transmission tower in 2018.

PG&E is not able to directly calculate the task time separately from the total time, including transit to and from the inspection location. Due to the implementation of more expansive checklist and recordkeeping in 2019 and 2020 cycles, PG&E estimates the task time for 2019 was roughly similar to 2020, and 2018 task time, would be shorter.
 - b) The minimum amount of person-hours spent on a single climbing inspection of a transmission tower in 2018.

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 - c) The total amount of person-hours spent on climbing inspections of transmission towers in 2018.

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 - d) The total number of transmission towers that PG&E performed climbing inspections on in 2018:
371 towers
 - e) The total number of climbing inspections of transmission towers performed in 2018:
371 towers

ii. 2019.

- a) The average amount of person-hours to perform a single climbing inspection of a transmission tower in 2019.

PG&E is not able to directly calculate the task time separately from the total time, including transit to and from the inspection location. Due to the implementation of more expansive checklist and recordkeeping in 2019 and 2020 cycles, PG&E estimates the task time for 2019 was roughly similar to 2020, and 2018 task time, would be shorter.

- b) The minimum amount of person-hours spent on a single climbing inspection of a transmission tower in 2019.

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- c) The total amount of person-hours spent on climbing inspections of transmission towers in 2019.

PG&E is not able to directly calculate the task time separately from the total time, including transit to and from the inspection location. Due to the implementation of more expansive checklist and recordkeeping in 2019 and 2020 cycles, PG&E estimates the task time for 2019 was roughly similar to 2020, and 2018 task time, would be shorter.

- d) The total number of transmission towers that PG&E performed climbing inspections on in 2019:

944 towers

- e) The total number of climbing inspections of transmission towers performed in 2019:

944 towers