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

QUESTION 05

Please provide the following:

a) The average amount of person-hours to perform a single drone inspection of a transmission tower in 2020.
b) The minimum amount of person-hours spent on a single drone inspection of a transmission tower in 2020.
c) The total amount of person-hours spent on drone inspections of transmission towers in 2020.
d) The total number of transmission towers that PG&E performed drone inspections on in 2020.
e) The total number of drone inspections of transmission towers performed in 2020.
f) Please respond to questions 5(a) through 5(e) for:
    i. 2018.
    ii. 2019.

ANSWER 05

The following responses pertain to all transmission structures and inspections conducted by desktop inspectors utilizing detailed images captured by drones. Hours for inspection are based on hours taken to review detailed images and complete inspection questionnaires. The labor hour estimates are not reflective of the time it takes to capture the images by drone or helicopter, nor the labor required to ingest those data into PG&E's data systems.

2020

a) Average of 1.5 Hours for lattice steel towers and 1 hours for wood/steel poles
b) 30 minutes for wood monopole
c) Approximately 62K hours
d) 55,471; 42,445 wood/steel poles and 13,026 lattice steel powers
e) Same as (d)

2018 (f (i))

N/A – PG&E was in the testing phase in 2018 so we do not have this data for 2018

2019 (f (ii))

a) Average of 2 hours for lattice steel towers and 1.5 hours for wood/steel poles

b) 1 hour

c) Approximately 82K hours

d) 49,760; 35,751 wood/steel poles + 14,009 lattice steel towers

e) Same as (d)

a.