

Southern California Edison

WSD-011 – Resolution implementing the requirements of Public Utilities Code Sections 8389(d)(1), (2) and (4) related to catastrophic wildfire caused by electrical corporations subject to the Commission’s regulatory authority

DATA REQUEST SET Cal Advocates - SCE - 2021 WMP - 07

To: Cal Advocates
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Job Title: Principal Manager
Received Date: 2/26/2021

Response Date: 3/3/2021

Question 004:

Regarding your discretionary inspection of distribution electric lines and equipment, beyond inspections mandated by rules and regulations (7.3.4.9, programs IN-1.1 and IN-5):

- a) What are the “Alternate Units” provided in Table 12 for these programs?
- b) Within these programs, on what number of alternative units and line-miles did SCE perform aerial inspections?
- c) Within those aerial inspections discussed in 4(b), what percentage of inspections were carried out using helicopters?
- d) Within those aerial inspections discussed in 4(b), what percentage of inspections were carried out using unmanned drones?
- e) What amount of capital expenditures (CAPEX) did SCE incur on the aerial inspections specified in 4(c)?
- f) What amount of operating expenses (OPEX) did SCE incur on the aerial inspections specified in 4(c)?
- g) What amount of capital expenditures (CAPEX) did SCE incur on the aerial inspections specified in 4(d)?
- h) What amount of operating expenses (OPEX) did SCE incur on the aerial inspections specified in 4(d)?

Response to Question 004:

- a. The alternate units listed in Table 12 for IN-1.1 is structures for inspections, and repair notifications for remediations.
- b. As noted in Table 12, in 2020, SCE performed 168k aerial inspections.
- c. Of the inspections performed in 2020, 80% were conducted using helicopters.
- d. Of the inspections performed in 2020, 20% were conducted using drones.
- e. SCE did not incur any capital expenditures to perform these aerial inspections. Further, SCE does not track remediation costs as to which type of aerial inspection generated the need for the repair work.
- f. SCE incurred \$14.3M in operating expenses to perform image captures by helicopter. Additionally, SCE incurred \$23M in total for data capture of both drone and helicopter images. SCE does not track remediation costs as to which type of aerial inspection generated the need for the repair work.
- g. SCE did not incur any capital expenditures to perform these aerial inspections. Further, SCE

does not track remediation costs as to which type of aerial inspection generated the need for the repair work.

- h. SCE incurred \$3.9M in operating expense to perform image captures by drone. Additionally, SCE incurred \$23M in total for data capture of both drone and helicopter images. SCE does not track remediation costs as to which type of aerial inspection generated the need for the repair work.

Response from Generation IN-5

- a. The alternate units listed in Table 12 for IN-5 is structures for inspections and repair notifications for remediations.
- b. 0 aerial inspections - Generation does not utilize aerial inspections for IN-5.
- c. 0% - Not applicable
- d. 0% - Not applicable
- e. 0 capital – Generation does not utilize aerial inspections for IN-5
- f. 0 operating expenses - Generation does not utilize aerial inspections for IN-5
- g. 0 capital – Generation does not utilize aerial inspections for IN-5
- h. 0 operating expenses - Generation does not utilize aerial inspections for IN-5