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 T U R N - S C E - 0 0 8

To: TURN
Prepared by: Raymond Fugere
Job Title: Principal Manager
Received Date: 3/16/2021

Response Date: 3/18/2021

Question 001.a:
In SCE Response to TURN-DR-003-01 SCE provided pole inventory by class size using standard pole size classification. In its GRC workpapers (WPSCE04V05APt01, p. 259 of the workpapers), SCE calculates a unit cost for covered conductor by using 605 poles disaggregated into five "load cases." The study header states "HFRA Pole Sample Mixed Large Small Study – Extract."

a. Please explain the meaning of the "pole sample mixed large small" header in the workpaper? At a minimum, please include in the explanation:

i. Which pole size classes were included in the sample?

ii. Please provide the approximate percentage of each pole class in the sample, using the standard pole size classification provided in TURN-03 Question 1 in Excel.

iii. Please explain how the sample compares to SCE's pole sizes in HFRA, as provided in the previous DR.

Response to Question 001.a:

SCE objects on the grounds that this question seeks information which is outside the scope of this proceeding. Notwithstanding this objection, SCE responds as follows:

1a - The term "pole sample mixed large small" in the header of the workpaper refers to wires in the study, and refers to the fact the study had a mix of small and large wire.

1ai – The sample included the following classes: 5, 4, 3, 2, 1, H1, H2, H3, H5, H6 and EH10.[1]

1aii – The below table contains the count and percentage of the poles contained in the sample:

Class	Count	Percentage of Sample
4	298	38.7%
5	293	38.0%
2	60	7.8%

[1] EH10 – Is a steel pole that would be equivalent to a hypothetical H10 wood pole. This pole's Class is unknown in SAP.

3	56	7.3%
1	34	4.4%
H2	12	1.6%
H1	9	1.2%
H3	6	0.8%
EH10	1	0.1%
H5	1	0.1%
H6	1	0.1%

1aiii – The study is directionally correct with the pole break down by Class on SCE system in 2018, when the study was performed. Certain pole classes have a higher representation (such as Classes 4 and 5) and other pole classes have a lower representation (such as Classes 1 and 2) in the sample compared to the population per SCE's system of record.