

Public Service of New Hampshire d/b/a Eversource Energy
Docket No. DE 21-020

Date Request Received: 08/03/2021

Date of Response: 08/13/2021

Request No. NECTA TS 3-004

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Request from: New England Cable and Telecommunications

Witness: Russel D. Johnson

Request:

In reference to the Response to Staff 3-005, Attachments Staff 3-005.b2016.xlsx, Staff 3-005.b2017.xlsx, Staff 3-005.b2018.xlsx, Staff 3-005.b2019.xlsx and Staff 3-005.b2020.xlsx containing data from pole inspection reports:

- (a) For each of the five years of data provided:
 - (i.) Please provide an explanation of the entries appearing in the columns labeled HEIGHT, STANDARD, and CLASS and indicate the source of the entries;
 - (ii) Please confirm that the entries appearing in the column labeled HEIGHT represent the actual measured height of the inspected pole. If those entries represent something else, please explain.
 - (iii.) Please indicate whether the pole HEIGHT data was collected and is displayed on all the spreadsheets for the population of poles subject to the ground line inspections, the visual inspections, or both.
- (b) For the 2019 report, please indicate if the pole length identified in the column labeled STANDARD is equal to the height of the pole, notwithstanding the entry of 0 in the HEIGHT column. If these entries represent something else, please describe.
- (c) Please confirm the statements made by Eversource at the July 30, 2021 Technical Session that the 5 years of inspection report data provided would cover approximately 50% of Eversource's total pole population given "the Company's policy is to inspect poles on a ten-year rotating basis."
- (d) In responding to Staff's observation in request Staff 3-005 (c) "that Eversource appears to have been inspecting between approximately 32,000 and 74,000 poles a year," the response to Staff 3-005 (c) indicates "the inspections reports include both ground line inspections and visual inspections, hence the larger number of total inspections" [than under a ten-year rotating basis standard]. Please state whether Eversource agrees the acknowledged "larger number of total inspections" means the 5 years of inspection report data would encompass poles in excess of 50% of Eversource's total pole population (albeit at different standards of inspection)? If not, please explain why that would not be the case.

Response:

- a. (i.) The column labeled HEIGHT is intended to represent the length of the pole from butt to top in feet. A review of the information provided in the referenced attachments indicates that in some cases the value is incorrect or missing. This appears to have occurred during the export of the data, however, the correct height information is consistently provided in the "STANDARD_1" column which is the "Standard Item Description" in the case where the Standard_1 column was provided. The column labeled STANDARD_1 is the Standard Item Number which is associated with the Standard Item Description. The Standard_2 column is the Standard Item Type which indicates

whether the Standard Item Number is from the original conversion to GIS or from a job designed in the STORMS or Maximo work management systems after the initial conversion. The column labeled CLASS is an industry standard that simply speaking is associated with the diameter of the pole.

(ii.) As noted in the response to part (i.), HEIGHT is the total length of the pole. The measured height would be equal to the designated HEIGHT minus the depth at which the pole was set. For example, a 40 foot pole is generally set at a depth of 6 feet resulting in 34 feet of the pole above ground level.

(iii.) The pole height data is available for all poles from asset systems the Company maintains. It is not gathered from the inspection.

- b. The information provided under the STANDARD_1 column heading is the total length of the pole.
- c. This statement is correct in that the number of inspections of poles in Eversource's maintenance area over a 5 year period would cover approximately 50% of the total poles within Eversource's maintenance area.
- d. The total number of inspections includes visual inspections of poles outside of the Eversource maintenance areas and therefore the total number of inspections would exceed 50% of the total poles in Eversource's maintenance area.