

1 **Q. (Reference NLH-NP-011 and NLH-NP-012) Please confirm that there have been no**
 2 **reliability events owing to component failure and no corrective maintenance on line**
 3 **94L over the past 5 years.**

4
 5 A. Newfoundland Power's inspection and maintenance practices are intended to identify
 6 opportunities for preventative maintenance in advance of possible component failures.
 7 Component failures could result in outages to customers and would require corrective
 8 maintenance.¹

9
 10 Over the past 5 years, the Company completed approximately \$414,000 in preventative
 11 maintenance on Transmission Line 94L.² Preventative maintenance involves replacing
 12 transmission line poles, crossarms, conductors, insulators and hardware as a result of
 13 deficiencies or imminent failures identified during inspections and engineering reviews.
 14 As a result, there have been no reliability events owing to component failure and no
 15 corrective maintenance on line 94L over the past 5 years.³

16
 17 Transmission Line 94L was originally constructed in 1969 and provides the sole source
 18 of supply for approximately 2,500 customers. Recent inspections determined there is
 19 significant component deterioration on this line and it has reached the point where
 20 continued maintenance is no longer practical.⁴

21
 22 The rebuilding of transmission line 94L is necessary to address the significant
 23 deterioration prior to component failures resulting in outages to thousands of customers.⁵

¹ In 2016, the Board completed *A Prudence Review by the Board of Certain Projects and Expenditures of Newfoundland And Labrador Hydro*. In Order No. P.U. 13 (2016), page 22, lines 19-21, the Board referenced Liberty Consulting Group's reply evidence, stating: "Utilities perform preventive maintenance according to established and planned scopes and schedules because maintenance reduces the risk of operational failures of equipment whose operation is critical to maintaining service."

² See Table 1 in response to Request for Information NLH-NP-012.

³ Corrective maintenance is performed to respond to hazardous situations or in response to outages caused by equipment failure.

⁴ See the *2022 Capital Budget Application, Report 3.1 2022 Transmission Line Rebuild*, Section 4.0.

⁵ See response to Request for Information NLH-NP-011, lines 18-20.