

1 **Reference: Schedule B, Page 41: Rebuild Distribution Lines (\$4,945,000)**
2

3 **Q. This Rebuild Distribution Lines program includes a list of 43 distribution**
4 **feeders, including SUM-01, that will undergo inspection in 2022 with planned**
5 **preventative maintenance in 2023. Please explain why SUM-01 is included in**
6 **this list, as the refurbishment of distribution feeder SUM-01 is proposed to be**
7 **completed over two years commencing in 2023 under the Distribution**
8 **Reliability Initiative on page 8 of Schedule B.**
9

10 A. Distribution feeder SUM-01 is approximately 100 kilometres in length. The inspection
11 completed as part of the *Distribution Reliability Initiative* engineering review focused
12 primarily on the main three-phase trunk and two-phase trunk sections, totalling
13 24 kilometres and 15 kilometres, respectively.¹ Analysis of customer outage data was
14 used to pinpoint these sections for the engineering review.² This review identified a
15 6.5 kilometre section of feeder as benefitting from a *Distribution Reliability Initiative*
16 refurbishment to address the poor reliability experienced by customers supplied by the
17 feeder. Deficiencies on the remaining sections will be prioritized and addressed in
18 accordance with Newfoundland Power's *Distribution Inspection and Maintenance*
19 *Practices* as part of the *Rebuild Distribution Lines* program for 2023.

¹ See the *2023 Capital Budget Application*, report 1.1 *Distribution Reliability Initiative*, Section 3.3 *Engineering Assessment*, page 4.

² Ibid, page 7.