

- 1 **Q. (Reference Application, 3.2 Transmission Line 94L Rebuild, page 4) With**  
 2 **respect to the alternatives considered for Scopes 2 and 3:**  
 3 **a) Did NP consider conventional and non-conventional generation**  
 4 **alternatives in light of the province’s need for new generating capacity?**  
 5 **b) Did NP engineers walk the right-of-way to assess depth of bogs and**  
 6 **number of access trails and bog mats that would be needed?**  
 7 **c) Did NP consider replacement of deteriorated equipment rather than a**  
 8 **complete rebuild?**  
 9 **d) Is contractor pricing expected to remain high given that the Covid**  
 10 **pandemic is now behind us?**  
 11 **e) Please file the original analysis of alternatives 1 and 2 that led to the**  
 12 **decision to proceed with alternative 1.**  
 13
- 14 **A.** a) Yes, Newfoundland Power did consider conventional and non-conventional  
 15 generation alternatives for the project. These generation alternatives were  
 16 determined to be cost prohibitive and not considered in the final analysis.  
 17
- 18 b) See the response to Request for Information PUB-NP-034, part b).  
 19
- 20 c) Yes, Newfoundland Power considered the replacement of deteriorated equipment  
 21 rather than a complete rebuild, however this option was determined not to be  
 22 feasible due to the amount of deterioration present on the line, the extensive  
 23 outages that would be required due to the line’s radial configuration, and the  
 24 advanced age of the remaining infrastructure on the line.<sup>1</sup>  
 25
- 26 d) Newfoundland Power is unable to confirm future trends in contractor pricing.  
 27 However, the data from the past five years has shown an increase in contractor  
 28 costs year over year.  
 29
- 30 e) Newfoundland Power did not complete a formal alternative analysis on these two  
 31 alternatives in the original filing. The original project was filed prior to the  
 32 development of the Provisional Guidelines requiring the inclusion of a formal  
 33 alternative analysis. However, when determining the route to be used to rebuild  
 34 Transmission Line 94L, consideration was given to relocating sections of the line to a  
 35 roadside right-of-way wherever it was feasible and would be least cost. Based on  
 36 the information that was available at that time, the route chosen to rebuild  
 37 Transmission Line 94L was the least cost option.

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<sup>1</sup> See Newfoundland Power’s *2022 Capital Budget Application*, report *3.1 2022 Transmission Line Rebuild* for the original condition assessment and project justification.