

1 **Q. The presentation on Transmission Line Rebuild Strategy made at the Technical**
2 **Conference indicates that customer impacts are a consideration in planned rebuilds**
3 **of transmission lines. Please explain if customer impacts relate entirely to reliability**
4 **or if cost considerations are also considered, and if so, how?**
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6 A. Newfoundland Power completes engineering reviews to determine when to rebuild
7 transmission lines based on a line's physical condition, its risk of failure, and the impact a
8 failure would have on customers served by the transmission line. The assessment of
9 customer impact examines the extent to which failure of the transmission line would
10 affect the delivery of electrical service to customers. Additional information on the
11 Company's evaluation criteria for transmission line rebuilds can be found in the response
12 to Request for Information NLH-NP-005.
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14 The Transmission Line Rebuild Strategy includes the selective replacement of
15 deteriorated components resulting from annual inspections and the planned rebuild of the
16 Company's most deteriorated transmission lines, determined based on the criteria
17 outlined above. As increased deterioration over time necessitates maintenance of
18 increased scope and frequency, a complete rebuild of the line becomes the most viable
19 option. This approach is consistent with the least-cost delivery of reliable service to
20 customers. Additional information on the cost considerations included in the
21 implementation of Newfoundland Power's Transmission Line Rebuild Strategy can be
22 found in the response to Request for Information PUB-NP-007.