

1 **Section 2: Customer Operations/Capital Expenditures**
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3 **Q. Has Newfoundland Power developed a 20-year capital plan giving consideration to**
4 **electrification initiatives? If yes, please provide a summary of the results. If not, is**
5 **Newfoundland Power planning to develop a long-term capital plan given the**
6 **potential for material investments potentially required for electrification initiatives.**
7 **If not, why not?**
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9 A. No, Newfoundland Power has not developed a 20-year capital plan considering
10 electrification initiatives. Although there is potential investment required for
11 electrification initiatives, Newfoundland Power is not planning to develop a long-term
12 capital plan at this time, due partially to uncertainty around electrification impacts and
13 uptake over the long-term. For information regarding how electrification initiatives are
14 incorporated into Newfoundland Power's 2024-2028 capital plan, see the response to
15 Request for Information PUB-NP-052.
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17 Longer-term outlooks are provided for specific capital projects, when required. For
18 example, Newfoundland Power's *2021 Capital Budget Application* provided a 20-year
19 load forecast to justify the construction of a new substation near the St. John's
20 International Airport. This long-term forecast helped confirm that the new substation is
21 the least-cost alternative to meet customers' long-term electrical system requirements in
22 the area.¹ Additionally, Newfoundland Power completes lifecycle cost analyses of its
23 hydro plants, where required, as part of proposed capital projects to refurbish those hydro
24 plants. For example, in the *2024 Capital Budget Application*, Newfoundland Power
25 completed a lifecycle cost analysis for the Lookout Brook Hydro Plant over a study
26 period of 50 years. The analysis demonstrated that continued operation of the plant will
27 provide an economic benefit to customers over the longer term.²

¹ See Newfoundland Power's *2021 Capital Budget Application, St. John's North – Portugal Cove System Planning Study*.

² See Newfoundland Power's *2024 Capital Budget Application, report 4.2 Lookout Brook Hydro Plant Refurbishment, Appendix A*.