

1 Q. **Reference: Volume II, 2023 Capital Budget Application, Project 1, Additions for Load Growth –**
2 **Upgrade Transformer Capacity (2023–2024) – Jean Lake Terminal Station, Attachment 1, page**
3 **6, Table 3, and page 9, lines 12 to 16.**

4 Are load transfers to Labrador City Terminal Station, either permanent or temporary, a
5 reasonable alternative? If yes, please explain why the alternative was not evaluated. If not, why
6 not?

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9 A. The recommended upgrade presented in the report is the implementation of the final phase of
10 the least-cost solution identified in Additions for Load – Wabush Substation Upgrades project,
11 filed as part of Newfoundland and Labrador Hydro’s 2021 Capital Budget Application (“CBA”).¹
12 Expanding the Wabush Terminal Station by constructing a 12.5 kV bus to supply the Wabush
13 Industrial Park load (thus offloading Wabush Substation distribution feeders L11 and L13) was
14 an alternative that was evaluated in both the CBA and the Labrador Interconnected System
15 Transmission Expansion Study.² This alternative was rejected during initial project screening as
16 its significantly higher cost indicated it was not the least-cost solution.

¹ “2021 Capital Budget Application,” Newfoundland and Labrador Hydro, rev. November 2, 2020 (originally filed August 2, 2020), vol. II, tab 16.

² “Newfoundland and Labrador Hydro – Labrador Interconnected Transmission Expansion Study,” Newfoundland and Labrador Hydro, rev. April 3, 2019 (originally filed October 31, 2018).