

1 Q. **Reference: Technical Note RP-TN-051: Southern Labrador - Interconnection without Regional**
2 **Diesel Plant**

3 Section 4.1, page 5 of 8, identifies the requirement to implement a control system capable of
4 managing the operation of the interconnected diesel plants.

5 a) Please provide details on how the control system would operate.

6 b) Please provide a cost estimate to implement the control system.

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9 A. Newfoundland and Labrador Hydro (“Hydro”) is unable to provide the requested details as
10 detailed front-end engineering design and cost estimates for Alternative 6 were not developed.
11 The alternative was not evaluated in detail as it was ruled out during alternative screening due
12 to not being the least-cost option when compared to the proposed southern Labrador
13 interconnection. As noted in Technical Note RP-TN-051,¹ the additional costs for
14 implementation of the control system were not included in the cost-benefit analysis. The
15 difference in net present value between this alternative and Hydro's selected alternative are
16 primarily driven by a reduction in sustaining capital, and operating and maintenance costs
17 associated with the continued operation of multiple diesel plants.

¹ “Long-Term Supply for Southern Labrador – Phase 1 - Supplemental Information,” Newfoundland and Labrador Hydro, March 17, 2022, att. 1.