

1 Q. **Reference: Response to Request for Information NP-NLH-025, Table 1**

2 Can Hydro confirm that if, after completion of the centralized plant, system reliability concerns
3 arise for the affected communities, the continued use of the local diesel generating stations as
4 back-up generation will not occur in the future. If not, why not?

5

6

7 A. Newfoundland and Labrador Hydro (“Hydro”) expects that there would be an overall
8 improvement in system reliability with a southern Labrador interconnection with plans to
9 decommission the existing diesel generating stations following interconnection. A detailed
10 analysis of the expected reliability of the interconnected system is provided in Appendix C of the
11 “Long-Term Supply Study for Southern Labrador: Economic & Technical Assessment.”¹ If
12 reliability concerns arose in the future Hydro would consider a number of different options to
13 improve reliability such as:

- 14 ● Rebuilding, redesigning, or replacing unreliable equipment;
- 15 ● Increasing maintenance, such as vegetation control around distribution lines or
16 equipment inspections;
- 17 ● Reviewing or upgrading protection and control systems such as remote control
18 flexibility;
- 19 ● Reviewing or adjusting availability of operations personal;
- 20 ● Installation of parallel distribution feeders; and/or
- 21 ● Installing or improving access to back-up equipment such as substation transformers,
22 mobile generation, or permanent generation.

¹ “Long-Term Supply for Southern Labrador – Phase 1,” Newfoundland and Labrador Hydro, July 16, 2021, sch. 1, att. 1, app. C.