

1 Q. **Reference: Reliability and Resource Adequacy Study 2022 Update, Volume III, page 48, lines**
2 **21-27.**

3 What other renewable fuel sources have been studied for a future source of generation other
4 than Bay d’Espoir Unit 8 and what is the status of the schedule?

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7 A. In 2022, Newfoundland and Labrador Hydro (“Hydro”) updated costs for several renewable fuel
8 sources including:

9 • Wind;

10 • Lithium ion batteries;

11 • Solar; and

12 • Other hydraulic assets, including Round Pond, Island Pond, Portland Creek, and Unit 3 at
13 the Cat Arm Hydroelectric Generating Station.

14 In addition to the fuel sources outlined herein, Hydro engaged a consultant to study the
15 possibility of combustion turbines that could run on renewable fuel sources including bio-fuel
16 and hydrogen. The studies for these potential assets will be further analyzed in 2023, with more
17 detail, and filed in the Reliability and Resource Adequacy Study – 2023 Update.