

1 Q. **Reference: Reliability and Resource Adequacy Study 2022 Update, Volume III, page 38-40.**

2 Provide a clear description and discussion of how Hydro’s election not to treat a LIL bipole
3 outage as single largest contingency is consistent with current information about the design of
4 the line, weather and access conditions, expectations, and experience to date.

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7 A. Based on current information about the design of the line, weather and access conditions,
8 expectations, and experience to date, Newfoundland and Labrador Hydro (“Hydro”) has
9 specified that a range of forced outage rates should be applied to the Labrador-Island Link
10 (“LIL”) for planning purposes. Such high potential levels of unreliability would indicate that
11 Hydro should consider the treatment of a LIL bipole outage as the single largest contingency.
12 However, the adoption of such a policy would require an assessment of both reliability and cost
13 implications.

14 Hydro has taken initial steps for such an assessment. As indicated in the “Reliability and
15 Resource Adequacy Study – 2022 Update,”¹ the application of single-contingency criteria would
16 result in the highest cost and require the installation of more backup generation than any other
17 scenario under consideration by Hydro. Hydro will continue to explore the adoption of this
18 policy in its ongoing analysis in support of the ongoing *Reliability and Resource Adequacy Study*
19 *Review* proceeding.

¹ “Reliability and Resource Adequacy Study - 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. III, p. 38–40.