

1 Q. **Reference: Reliability and Resource Adequacy Study – 2022 Update, Volume III: Long-Term**
2 **Resource Plan, October 3, 2022, page 33, lines 2-5.**

3 Chart 10 includes both the Holyrood TGS and the Hardwoods Gas Turbine in
4 service during the six-week LIL outage. In this scenario, it is estimated that
5 customers can expect an average of 20 hours of unserved energy over a six-
6 week period, with the highest anticipated shortfall estimated to be 150 MW.

7 Has Hydro examined how the risks and consequences associated with an extended LIL bipole
8 outage compare to risks and consequences of transmission line outages in other Canadian
9 jurisdictions? If so, how do the risks and consequences on the Island Interconnected System
10 compare to those jurisdictions? If not, why not?

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13 A. To date, Newfoundland and Labrador Hydro has not examined how the risks and consequences
14 associated with an extended bipole outage of the Labrador-Island Link (“LIL”) compared to the
15 risks and consequences of transmission line outages in other Canadian jurisdictions. As the
16 Island Interconnected System has one intertie with Nova Scotia, it is difficult to directly compare
17 the impacts of an extended LIL bipole outage on the Island against other jurisdictions that have
18 different supply mixes, load center distribution, and number of interties with other jurisdictions.