

1 Q. **Reference: Reliability and Resource Adequacy Study 2022 Update, Volume I, page 30, line 3.**

2 Explain the reasons for the forced outage rate of 5 percent.

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5 A. As noted in the “Reliability and Resource Adequacy Study – 2022 Update,”¹Newfoundland and
6 Labrador Hydro (“Hydro”) used the assumption of a bipole forced outage rate of 5%, as it is the
7 mid-point in the range considered in the analysis. Hydro recognized that the selected outage
8 rate could be higher or lower, which would have a material impact on the planning reserve
9 margin calculation. Once the Labrador-Island Link is commissioned and operational data is
10 obtained, it will allow for refinement of the bipole forced outage rate assumption and the
11 resulting Island Interconnected System planning reserve margin.

¹ “Reliability and Resource Adequacy Study - 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. I, sec. 5.3, p. 29/10–18.