

1 Q. Reference: Reliability and Resource Adequacy Study 2022 Update, Volume I, page 5, footnote
2 22 and page 22, lines 16-22.

3 Describe specifically how, in addition to the third-party study mentioned in footnote 22, Hydro
4 plans to address the network and resource adequacy implications of wind integration. Include in
5 the response the schedule to address this issue.

6

7

8 A. In addition to the third-party study, Newfoundland and Labrador Hydro (“Hydro”) is supporting
9 the Government of Newfoundland and Labrador’s Department of Industry, Energy and
10 Technology with a Crown Land Call for Bids for Wind Energy Projects. Through this process,
11 Hydro will ensure proponents are advised of regulatory and technical interconnection
12 requirements and that the outcomes allow for the provision of least-cost, reliable electricity for
13 customers. The timeline for this process is provided in Figure 1.



Figure 1: Timeline for Crown Lands Nomination Process for Wind Energy Projects

14 Following the completion of this process, Hydro will perform system impact studies for
15 successful proponents to determine network upgrade requirements and ensure reliable
16 operation. Studies shall be executed in accordance with the Newfoundland and Labrador System
17 Operator’s Generator Interconnection Procedures.

1 In its work with successful proponents, Hydro will assess reliability and resource adequacy
2 implications. Hydro will work with proponents to identify any potential least-cost opportunities
3 to meet energy and capacity shortfalls. Any proposals to pursue such opportunities would be
4 subject to full regulatory review.