

1 Q. **Reference: Reliability and Resource Adequacy Study 2022 Update, Volume I, page 5, lines 10-**
2 **12.**

3 Hydro states that there is “a high level of uncertainty regarding the potential load growth on the
4 Labrador Interconnected System...and on the Island Interconnected System.”

5 Describe specifically how, beyond monitoring, Hydro plans to address this uncertainty, both in
6 Labrador, due to significant customer requests, and on the Island, from electrification and
7 electric vehicles.

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10 A. Regarding the uncertainty due to the potential load growth on the Labrador Interconnected
11 System, as stated in the “Reliability and Resource Adequacy Study – 2022 Update,”¹
12 Newfoundland and Labrador Hydro (“Hydro”) will continue to assess the level of service
13 requests from the *Network Addition Policy*^{2,3} to include in the load forecast base case or to
14 assess as sensitivities to the base case as appropriate, as part of its system planning process.

15 Regarding uncertainty due to load growth on the Island Interconnected System, specifically due
16 to electrification and electric vehicles, as discussed in “Reliability and Resource Adequacy Study
17 – 2022 Update,”⁴ Hydro will continue to include potential load possibilities that are driven by
18 the provincial economic outlook, electrification, and electric vehicle penetration on an annual
19 basis, as part of its system planning process.

¹ “Reliability and Resource Adequacy Study – 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. III, p. 11/7–9.

² As noted in Hydro’s response to PUB-NLH-229 of this proceeding, the issuance of Order in Council OC2022-266 has reduced the number of applications. As such, Hydro is now in a better position to assess how load growth on the Labrador Interconnected System will affect reliability and generation requirements on the Island Interconnected System. OC2022-266 (Public Utilities Act, RSNL 1990, c P-47 and Electrical Power Control Act, 1994, SNL 1994, c E-5.1,) <<https://www.exec-oic.gov.nl.ca/public/oic/details?order-id=20484>>.

³ Newfoundland and Labrador Hydro (2020). Network Additions Policy – Labrador Interconnected System. <<https://nlhydro.com/wp-content/uploads/2021/03/Network-Additions-Policy.pdf>>.

⁴ “Reliability and Resource Adequacy Study – 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. III, p. 8/5–20.