

1 Q. Item 9 of the Application states that the schedule may be impacted by the COVID-19 pandemic
2 and that Hydro will advise the Board, and provide plans for mitigation, should all or part of the
3 proposed projects not be completed on schedule. Has Hydro completed or undertaken any risk
4 analyses at addressing how Hydro would ensure the reliability of the Island Interconnected
5 system should any of the four requested projects not be completed during the 2020 outage? If
6 so, please provide any analyses undertaken to date.

7 A. Newfoundland and Labrador Hydro (“Hydro”) has not completed analysis of changes in system
8 risk with respect to the completion of these four projects, specifically. However, Hydro routinely
9 completes assessment of system risk for varying levels of Holyrood Thermal Generating Station
10 (“Holyrood TGS”) unavailability as part of its semi-annual assessments of near-term reliability.
11 Hydro’s most recent assessment was filed with the Board of Commissioners of Public Utilities in
12 November 2019 as part of the “Reliability and Resource Adequacy Study – 2019 Update” (“2019
13 Update”). Hydro anticipates filing its next assessment of near-term reliability on May 15, 2020.
14 As indicated in the 2019 Update, without the availability of the Labrador-Island Link, as the
15 levels of Holyrood TGS unavailability increases, so does system risk.¹ Hydro’s modelling
16 assumptions contemplate Holyrood TGS unavailability ranging from 15% to 20%.² Hydro notes
17 that since COVID-19 is impacting productivity with required measures to keep employees and
18 the public safe, Hydro is continually evaluating all work requirements from the annual work
19 plan, and prioritizing the critical work first that will ensure winter readiness.

20 Based on the most recent assessment of reliability, and the alternatives identified to address
21 issues impacting reliability, in the case that (i) portions of the four projects are not completed,
22 and (ii) this results in degraded performance of Holyrood TGS, Hydro would evaluate the
23 increase in exposure to resource shortfalls. Please refer to Hydro’s response to Requests for
24 Information IC-NLH-006 for additional information.

¹ Unavailability of the Holyrood TGS is modeled by varying the Holyrood TGS Derated Adjusted Forced Outage Rate.

² Holyrood’s most recent 12-month unavailability was approximately 4% for the period from April 1, 2019 to March 31, 2020.