

1 Q. **Reference: Application, Schedule 3 relating to Holyrood TGS**

2 With respect to Holyrood operating modes:

- 3 a) Is battery storage a viable alternative to operating Holyrood in standby mode? In
4 generation mode?
- 5 b) What is the current status of utility-scale battery systems in terms of technical viability,
6 availability and cost?
- 7 c) Would a battery storage system at Holyrood impact synchronous condenser
8 requirements?

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11 A. Newfoundland and Labrador Hydro (“Hydro”) is currently assessing the role of battery energy
12 storage systems within its *Reliability and Resource Adequacy Study Review* proceeding. Hydro
13 has committed to filing a report on battery energy storage systems with the Board of
14 Commissioners of Public Utilities no later than September 29, 2023, the findings of which will be
15 reflected in Hydro’s Resource Adequacy Plan update in the spring of 2024. The scope of this
16 report is to provide updated information on the feasibility of battery technology especially as it
17 pertains to capacity constraints on the Avalon Peninsula. The report will also provide updated
18 cost information for modelling purposes.