

1 **Q. (Reference Application, Schedule A, page 4)**
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3 **It is stated "Normal operations would be suspended as customer-owned back-**
4 **up generation is designed only for the operation of life safety systems."**
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- 6 **a) Are NP and the University considering a project to install suitable backup**
7 **generation at the University, particularly since NL Hydro is considering**
8 **options for increasing the Province's electricity supply?**
- 9 **b) Are NP and the University considering installation of renewable forms of**
10 **generation to supply the campus in light of government zero-carbon**
11 **efforts?**
- 12 **c) Has Hydro been consulted on the proposed project and the long-term supply**
13 **plan for the University?**
14

15 **A. a)** No, Newfoundland Power and the university are not considering a project to install
16 backup generation at the university at this time. Newfoundland and Labrador
17 Hydro's ("Hydro") *Reliability and Resource Adequacy Study – 2022 Update* is
18 currently under review by the Board to determine near-term and long-term reliability
19 and supply adequacy for the province's electrical system.
20

21 **b)** Newfoundland Power has no plans to install renewable forms of generation to supply
22 the campus.¹ Memorial University is in the process of adding electric boilers to its
23 oil-fired boiler system. This will increase the university's use of renewable energy as
24 the electric boilers will rely on supply from Newfoundland Power, which is
25 predominantly renewable.²
26

27 **c)** No, Hydro has not been consulted in relation to the replacement of the MUN-T2
28 power transformer. This transformer replacement is required to ensure
29 Newfoundland Power can continue to supply Memorial University. It does not
30 change the amount of load required to be supplied by Hydro.
31

32 Newfoundland Power, Hydro and Memorial University have been coordinating with
33 regard to managing the additional load that will result from the university's planned
34 electric boiler project, which is anticipated to be complete in 2024.³

¹ See, for example, the response to Request for Information PUB-NP-004.
² See the response to Request for Information CA-NP-008.
³ Newfoundland Power is planning to establish an agreement with the university which would allow for the curtailment of the university's new electric boiler load on the Island Interconnected System. It is anticipated that the electric boiler load will be fully curtailable during periods where electricity system reserves are diminished and additional load curtailment is required.