

1 Q. **Re: Reg. 17 Exemption Application, p. 4 (page 7 pdf) and Schedule 3 (page 14 pdf)**

2 **Citation 1:**

3 College of the North Atlantic, Happy Valley-Goose Bay Campus's application for
4 service, attached to this application as Schedule 3, has an estimated peak
5 demand of 771 kW for electrification of their heating system. Their existing
6 peak demand is approximately 340 kW; providing this service will result in an
7 increase of approximately 431 kW to the current estimated peak demand.

8 **Citation 2 (Schedule 3):**

9 Heating: 540 (New)

- 10 **a)** Please indicate if any modifications to Hydro's distribution system would be required to
11 serve this request and, if so, to what extent the costs thereof would be assigned to the
12 applicant.
- 13 **b)** Please indicate the type and annual quantities of fuel and the resulting greenhouse gas
14 emissions from the existing heating system that the applicant intends to replace.
- 15 **c)** Please describe in detail the existing heating system and the electric system with which it is
16 to be replaced. Is it a central heating system, or are local (e.g. baseboard) heaters being
17 installed?
- 18 **d)** Please describe the condition of the heating system to be served by the new electric
19 system, indicating in particular:
- 20 **a.** When it was last improved or modernized?
- 21 **b.** Whether or not an energy audit has been performed on the heating system. If so,
22 please indicate the date of the audit, and the principal findings and recommendations.
- 23 **e)** Please indicate whether or not the applicant has examined the possibility of using heat
24 pumps, in order to reduce the electricity requirements of the heating system. If so, please
25 provide the results of the review.

- 1 **A.** **a)** No substantive modifications to Newfoundland and Labrador Hydro’s (“Hydro”)
2 distribution system are anticipated to serve this request. If any standard distribution work
3 is necessary for the connection, Hydro’s standard policies with respect to cost allocation,
4 including the Contribution in Aid of Construction policies, would apply.
- 5 **b)** As noted in Hydro’s response to LAB-NLH-001 of this proceeding, Hydro has a legislative
6 obligation to provide customers in the province with equitable access to reliable power in a
7 non-discriminatory manner. The information requested is not necessary for this purpose
8 and is not relevant to the present application.
- 9 **c)** Please refer to part b) of this response.
- 10 **d)** Please refer to part b) of this response.
- 11 **e)** Please refer to part b) of this response.