

1 Q. **Re: Reg. 17 Exemption Application, p. 4 (page 7 pdf) and Schedule 1 (page 10 pdf)**

2 **Citation 1:**

3 Department of National Defence, 5 Wing Goose Bay (“DND”) to produce steam
4 at the central heating plant for heating of major buildings and hangars. DND’s
5 application for service, attached to this application as Schedule 1, has an
6 estimated peak demand of 20 MW.

7 **Citation 2 (Schedule 1):**

8 Estimated annual load factor: **35%**

9 Or estimated annual consumption (kWh) **60,912,000 (Forecast is attached)**

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

- 1 A. a) As indicated in the Department of National Defence’s application, the anticipated peak load
2 for the requested service is 20 MW. The load forecast is not necessary for the
3 determination of the present application.
- 4 b) No substantive modifications to Newfoundland and Labrador Hydro’s (“Hydro”)
5 distribution system are anticipated to serve this request. If any standard distribution work
6 is necessary for the connection, Hydro’s standard policies with respect to cost allocation,
7 including the Contribution in Aid of Construction policies, would apply.
- 8 c) As noted in Hydro’s response to LAB-NLH-001 of this proceeding, Hydro has a legislative
9 obligation to provide customers in the province with equitable access to reliable power in a
10 non-discriminatory manner. The information requested is not necessary for this purpose
11 and is not relevant to the present application.
- 12 d) Please refer to part c) of this response.
- 13 e) Please refer to part c) of this response.
- 14 f) Please refer to part c) of this response.