

1 Q. **Re: Labrador Expansion Study, p. 18-20 (pdf)**

2 Citation:

3 3.1.1 Labrador East

4 ... Looking forward, the near-term load growth on the system is expected
5 to be primarily driven by general service sales growth associated with
6 recently approved data centre developments. Energy sales to the
7 Department of National Defence’s (“DND”) large general service account
8 amounts to roughly 30 percent of total general service sales on this system
9 and is expected to remain stable. Potential exists for load increase
10 associated with DND should it convert its central heating plant fuel from oil
11 to electricity. For the longer term, forecasted load growth reflects a return
12 to typical residential customer growth and modest expansion of the area’s
13 general service loads. (page 20) (underlining added)

14 ...

15 3.1.2 Labrador West

16 ... Looking forward, the near-term load growth within the region is
17 primarily driven by general service sales growth associated with recently
18 approved data centre developments. Based on expressed interest in data
19 centre developments, the potential for increased general service electricity
20 sales within this region is considered significant. (underlining added)

21

22 Preamble:

23 Table 3 provides a P90 peak load forecast (released in July 2018).

24 a) For both Labrador East and Labrador West, please break down this load
25 forecast, year by year, distinguishing between data centre loads, industrial
26 loads, and other loads.

27 b) Please provide an update regarding DND’s intentions with respect to the
28 possible conversion of its central heating plant from oil to electricity.

2018 Capital Budget Application – Muskrat Falls to Happy Valley Interconnection Project

- 1 c) Has Hydro indicated to DND that it may not have sufficient capacity to supply
2 electricity for this purpose during all hours of the year?
- 3 d) In the event that DND decides to proceed with its electric conversion, has Hydro
4 asked DND to consider continuing to use its existing oil-burning boiler during
5 certain hours?
- 6 e) For both Labrador East and Labrador West, please indicate each new customer
7 with a peak load greater than 200 kW that has been added to the Lab West
8 system since 2016, providing for each:
- 9 i. The customer’s name (or a unique indicator, if for privacy reasons the
10 name cannot be revealed);
- 11 ii. The location of the premises;
- 12 iii. The date of the service request;
- 13 iv. The peak capacity requested;
- 14 v. The date when the service request was accepted;
- 15 vi. The date when service was initiated; and
- 16 vii. The total billings for each calendar year since service was initiated.
- 17
- 18
- 19 A.
- 20 a) Please refer to Newfoundland and Labrador Hydro’s (“Hydro”) response to LAB-
21 NLH-035(d). There are no industrial loads present in Labrador East. The capital
22 project under consideration pertains to the transmission reliability and capacity
23 in Labrador East; the load in Labrador West is not a relevant issue for this
24 proceeding.
- 25
- 26 b) Although Hydro received a formal application from the Department of National
27 Defence (“DND”), Hydro cannot provide customer specific information

1 regarding the intentions of DND with respect to the possible conversion of its
2 central heating plant from oil to electricity.

3

4 c) Hydro has not formally advised DND that this load may not be available due to
5 current supply capacity.

6

7 d) Please refer to LAB-NLH-038(b).

8

9 e) Hydro has connected two new customers with a peak load greater than 200 kW
10 since 2016. Customer 1 was connected on April 5, 2016, with a peak load of 214
11 kW, and customer 2 was connected on April 26, 2018 with a peak load of 1,300
12 kW. Other requested information for customers in Labrador East is either
13 confidential to the customer, or is not relevant to this proceeding. Requested
14 information for customers in Labrador West is not relevant for this proceeding.