

1 **Q. Re: Non-Firm Rate Application, page 18**

2 Citation:

3 To reliably meet projected customer non-firm load requirements in the Happy Valley-
4 Goose Bay area, the system needs to be upgraded, which would likely include a new
5 terminal station and new transmission line. On the basis of preliminary estimates, these
6 upgrades could cost in excess of \$17 million. Given the magnitude of these upgrades
7 and the high cost and time frame required to construct them, Hydro is also studying the
8 feasibility of connecting non-firm customers at a location outside the town of Happy
9 Valley-Goose Bay and closer to the Muskrat Falls Terminal Station. The non-firm
10 applicants have been informed of Hydro's approach and are in support of this additional
11 analysis.

12 **a)** Please provide additional information regarding Hydro's study of the feasibility of
13 connecting non-firm customers near the Muskrat Falls Terminal Station, including:

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- 15 ● The size of the facilities envisioned (in MW and in GWh/yr),
 - 16 ● The order of magnitude of the capital investments expected to be required,
 - 17 ● The expected annual revenues, and
 - 18 ● The amount of time over which Hydro expects to be able to provide these
customers with non-firm energy.

19 **b)** Please describes the benefits, if any, for Labrador ratepayers and for Labrador society in
20 general, of having surplus Recapture Energy consumed by cryptocurrency miners in
21 Labrador, under the proposed non-firm rate, and exporting the power.

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24 **A. a)** Please refer to Newfoundland and Labrador Hydro's ("Hydro") response to PUB-NLH-002 of
25 this proceeding.

26 **b)** Hydro has not conducted a review of societal benefits of selling surplus energy to
27 cryptocurrency customers on a non-firm basis. Whether there are benefits to Labrador
28 ratepayers of selling surplus energy to cryptocurrency customers on a non-firm basis would
29 depend on the allocation approach approved for disposition of future Labrador

- 1 Interconnected System non-firm revenues. Please refer to Hydro's response to
- 2 PUB-NLH-004 of this proceeding with respect to Hydro's position on the approach to
- 3 disposition of non-firm revenues on the Labrador Interconnected System.