

- 1 Q. **Re: cryptocurrency customers**
- 2 a) Please provide updated information from LAB-NLH-001 (Application for Amendment of
- 3 Regulation 17). Please describe in detail the service requests now pending from
- 4 cryptocurrency customers, including but distinguishing between Formal service requests
- 5 and inquiries.
- 6
- 7 b) For each service request or inquiry mentioned, please indicate:
- 8 i. the amount of capacity requested;
- 9 ii. the peak capacity requested, and any information regarding load shape provided by the
- 10 client;
- 11 iii. the location(s) of the proposed facility or facilities;
- 12 iv. duration of the service contract requested or entered into;
- 13 v. the nature and extent of any financial guarantees offered or requested;
- 14 vi. any special conditions requested or offered; and
- 15 vii. the proposed in-service dates.
- 16
- 17 c) Has Hydro done any modelling regarding the effects of the proposed NAP on potential
- 18 cryptocurrency customers? If the NAP as proposed by Hydro is adopted, how much of the
- 19 capacity describe above does Hydro expect to materialize? Under this scenario, does Hydro
- 20 expect further requests to appear as well and, if so, in what quantities?
- 21
- 22 d) Further to (c) has Hydro done any similar modelling regarding the amendments proposed by
- 23 Brattle or the Helios Centre? Please comment on the extent to which Hydro expects future
- 24 cryptocurrency demand to vary, depending on which NAP proposals are ultimately adopted
- 25 by the Board.
- 26
- 27
- 28 A. a) LAB-NLH-111, Attachment 1 provides an update on the service requests from
- 29 cryptocurrency customers.
- 30
- 31 b) Please refer to LAB-NLH-111, Attachment 1.

1 c) Newfoundland and Labrador Hydro (“Hydro”) has not completed any modelling on the
2 effects of the proposed Network Additions Policy on cryptocurrency customers.

3

4 d) Hydro has not completed any modelling on the effects on cryptocurrency customers of the
5 amendments to the Network Additions Policy proposed by Helios and Brattle.

Network Additions Policy and Labrador Interconnected System Transmission Expansion Study

Customer requests on hold due to Regulation 17

Request Identifier	Date of Request	Location	Connected Capacity (kW)	Peak Capacity (kW)	Annual Energy Consumption (kWh)	Type of Activity	Duration of Service Contract	Requested in Service Date	Formal / Informal Request*
A	5-Jun-16	Happy Valley-Goose Bay	Not Available	Not Available		Data Centre	Not Available		Formal
B	7-Dec-17	Happy Valley-Goose Bay	Not Available	820		Data Centre	Not Available		Formal
C	4-Jan-18	Happy Valley-Goose Bay	Not Available	750		Data Centre	Not Available		Formal
D	10-Jan-18	Happy Valley-Goose Bay	Not Available	400		Data Centre	Not Available		Formal
E	18-Jan-18	Happy Valley-Goose Bay	Not Available	3,194		Data Centre	Permanent		Formal
F	18-Jan-18	Happy Valley-Goose Bay	Not Available	19,200		Data Centre	Permanent		Formal
G	25-Jan-18	Happy Valley-Goose Bay	Not Available	800		Data Centre	Not Available		Formal
H	26-Feb-18	Happy Valley-Goose Bay	Not Available	800		Data Centre	Not Available		Formal
I	1-Mar-18	Happy Valley-Goose Bay	Not Available	941		Data Centre	Not Available		Formal
J	2-May-18	Happy Valley-Goose Bay	Not Available	300		Data Centre	Not Available		Formal
K	3-May-18	Happy Valley-Goose Bay	Not Available	1,558		Data Centre	Not Available		Formal
L	23-May-18	Happy Valley-Goose Bay	Not Available	180		Warehouse	Not Available		Formal
M	18-Jun-19	Happy Valley-Goose Bay	Not Available	1,600		Data Centre	Not Available		Formal
N	21-Jun-19	Happy Valley-Goose Bay	Not Available	1,600		Data Centre	Not Available		Formal
O ¹	17-May-20	Labrador West	165		1,432,704	Data Centre	Not Available	TBD	Formal
P ¹	17-May-20	Labrador West	165		1,432,704	Data Centre	Not Available	TBD	Formal
Q ²	9-Oct-19	Labrador West	6,000	5,760	50,457,600	Data Centre	20 Years	9-Oct-19	Formal
R ²	9-Oct-19	Labrador West	20,000	Not Available	Not Available	Data Centre	20 Years	9-Oct-19	Formal
S ³	18-Oct-19	Labrador West	400	385	3,356,826	Data Centre	20 Years	1-Nov-19	Formal
T ⁴	1-Mar-20	Labrador West	Not Available	5,000	Not Available	Data Centre	Not Available	TBD	Informal
U ⁵	1-May-18	Labrador	50,000 to 200,000	50,000 to 200,000	Not Available	Data Centre	Not Available	TBD	Formal
V ⁶	1-Apr-19	Labrador	Minimum 100,000	Minimum 100,000	Not Available	Data Centre	Not Available	TBD	Formal
W ⁷	26-Feb-18	Happy Valley-Goose Bay	100,000	100,000	Not Available	Data Centre	Not Available	Fall 2018	Formal

- 1) These two requests are from the same customer. Hydro has indicated they can be approved for up to 200 kW, but not both 165 kW requests.
 - 2) These two requests are from the same customer. Request Q was a request for temporary interruptible service, with the long term service (Request R) to be a permanent service for 20,000 kW.
 - 3) This customer's request was refused under Regulation 17. The customer revised their request for one with a peak capacity of less than 200 kW and was approved by Hydro.
 - 4) Hydro received a number of informal requests for a location in Labrador West that had been used by a previous Data Centre customer.
 - 5) Initial contact made with Hydro in May 2018. Subsequent follow up discussions occurred into 2019.
 - 6) Initial contact made with Hydro in April 2019. Subsequent follow up discussions occurred into 2020.
 - 7) Initial contact made with Hydro in Feb 2018. Subsequent follow up discussions occurred into 2020.
- * Informal requests of a single phone call or email are not currently tracked by Hydro. Should the customer continue with a follow up, they are asked to submit a formal request.