

1 **IN THE MATTER OF** the *Electrical Power Contract Act*,
2 *1994, SNL 1994, ch. E-5.1* and the *Public Utilities Act*,
3 RSNL 1990, ch. P-47 (the “Act”) as amended; and
4

5 **IN THE MATTER OF** the proposed Muskrat Falls to
6 Happy Valley-Goose Bay Interconnection project which
7 was deferred pursuant to Orders No. P.U. 43 (2017) and
8 P.U. 9 (2018).
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11 **Requests for information # 2 of the Iron Ore Company of Canada (« IOC »)**
12 **to**
13 **Newfoundland and Labrador Hydro (« NLH »)**
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18 **Reference:** Letter from NLH to the Board, dated November 30, 2018
19

20 Project schedule
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22 **IOC – NLH – 001:** Describe more fully the portion of the project NLH named “*Transmission / Muskrat Falls*
23 *TS2 expansion*” expects to commission in December 2019.
24

25 **IOC – NLH – 002:** Please describe and quantify the increased transmission capacity available to local
26 customers in 2019 resulting from the commissioning of the “*Transmission / Muskrat*
27 *Falls TS2 expansion*”.
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29 **IOC – NLH – 003:** Was the “*Transmission / Muskrat Falls TS2 expansion*” part of the original project scope
30 or was it part of other capital budget projects? Describe how the project has changed
31 from the original submission.
32

33 **IOC – NLH – 004:** Please provide the detailed execution plan for the proposed MFA – HVY Interconnection
34 Project, including target dates for the procurement of long lead items, internal and
35 external approvals and steps on the critical path.
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37 **IOC – NLH – 005:** Since the project was originally proposed, the schedule was compressed. Please
38 explain how the shorter time will be achieved?
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40 Rate impact
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42 **IOC – NLH – 006:** Provide the estimated 2019 and 2020 rate impacts on the Labrador Industrial and
43 Labrador Interconnected Rural customers from the proposed MFA – HVY
44 Interconnection Project.
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46 Interruptible loads
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48 **IOC – NLH – 007:** Indicate the progress made in 2018, if any, developing an interruptible load program
49 open to other customers in Labrador.

1 Cryptocurrencies

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3 **Preamble:** The price of the Bitcoin, the main cryptocurrency has dropped significantly over the last
4 year from 20,000 \$ to below 4,000 \$, shedding light on the risk of the industry. Recently,
5 the value of the Bitcoin has receded to less than 3,200 \$_{USD}.
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7 **IOC – NLH – 008:** When did NLH received expressions of interest from data centers? Has NLH received
8 any such requests for service since November 2018? Since April 2018? Have any of
9 the data centers withdrawn their request for service?
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11 Load

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13 **IOC – NLH – 009:** Please provide the hourly load duration curves on the Labrador East Transmission
14 System for each of the last 3 years (2016, 2017, and 2018).
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16 **IOC – NLH – 010:** Has Labrador Lynx Limited connected in October 2018 as planned and is its demand
17 still 5,500 kW?
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19 **IOC – NLH – 011:** Has the demand diminished by 1.5 to 2 MW since the municipality of Happy-Valley –
20 Goose Bay issued a stop work order to Crypto Boreas?
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22 Supply

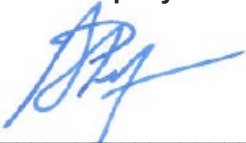
23
24 **IOC – NLH – 012:** Confirm that NLH has access to 29 MW of peak generation on the Labrador East
25 Transmission System, i.e. 25 MW from the Happy-Valley Gas Turbine and 4 MW from
26 the North Side Diesel Plant. Indicate if NLH has access to any addition source of peak
27 generation, whether currently contracted or not.
28

29 **Preamble:** NLH dismissed the addition of temporary mobile diesel turbines based mainly on the
30 cost of fuel. NLH uses a delivered cost of diesel fuel in Labrador of 1.35 \$/litre in 2019
31 (Expansion Study, Table 4, page 13). IOC estimates that this fuel price forecast is
32 largely above market prices. Diesel delivered in Labrador in 2019 is estimated by IOC
33 at about 1.00 \$/litre.
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35 **IOC – NLH – 013:** Please explain how the fuel price forecast was obtained or determined by NLH. Please
36 file any supporting study.
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38

39 Montréal, province of Québec, December 19, 2018.
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41 **Iron Ore Company of Canada**

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46 Per: Benoît Pepin

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48 To: PUB and List of participants