

1 **IN THE MATTER OF** the *Electrical Power Control*
2 *Act, 1994*, SNL 1994, Chapter E-5.1 and the *Public*
3 *Utilities Act*, RSN 1990, Chapter P-47 (the “Act”);
4

5 **AND IN THE MATTER OF** an Application by
6 Newfoundland and Labrador Hydro pursuant to
7 Subsection 41(3) of the Act, for approval of capital
8 expenditures to upgrade the Happy Valley-Goose
9 Bay Distribution System.
10
11

12 **Request for information #1 of the Iron Ore Company of Canada (« IOC »)**
13 **to**
14 **Newfoundland and Labrador Hydro (« NLH »)**
15
16
17
18
19

20 **References:** Application, Schedule 1, pages 3 and 4 of 21
21

22 The project is justified on the desire to establish “*priority areas that will continue to*
23 *receive power when other feeders are either rotated, or switched off due to lack of*
24 *supply.* [...]”
25

Table 2: Happy Valley-Goose Bay Priority Areas - 2018 Peak Load

| Area | Feeder | Load (MW) |
|---|---------------|------------------|
| Hamilton River Road South commercial/service area | HV10 | 9.9 |
| Hamilton River Road South commercial/service area | CR5 | 1.6 |
| Hamilton River Road North and Loring Drive commercial/service area | HV15 | 7.3 |
| Hamilton River Road North and Loring Drive commercial/service area | HV16 | 1.1 |
| Core of Sheshatshui and North West River | HV7 | 5.2 |
| Total | | 25.1 |

26
27
28 *To enable the concurrent energization of multiple priority areas during a loss of supply,*
29 *the system must be configured to allow areas to be grouped together on the same*
30 *feeders. Additionally, non-priority areas must be grouped together and separated from*
31 *the priority areas to ensure the minimal amount of switching.”*
32

33 **IOC – NLH – 1:** Please indicate the system maximum distribution capacity.
34

- 1 **IOC – NLH – 2:** Please confirm that Table 2 cited above indicates the priority load in each area. If not,
 2 for the system and each area, please indicate how many megawatts would be in each
 3 of the priority and non-priority areas if the project is approved.
 4
- 5 **IOC – NLH – 3:** Provide for each year since 2015, the load additions to the system and the forecasted
 6 additions in 2018 and 2019. For any such addition, please indicate the nature of the
 7 electricity usage in a manner consistent with Table 1 to NLH’s response to PUB-NLH-
 8 006 in the New Load Additions in Labrador East application. Make sure to indicate if
 9 any past, pending or forecasted additions relate to data centers.
 10

| Customers’ Demand | | |
|-------------------|-----------------|-----------------|
| Year | Type of service | Max demand (kW) |
| 2015 | | |
| 2016 | | |
| 2017 | | |
| 2018 | | |
| 2019 | | |

11
 12
 13
 14
 15



16 **References:** Application, Schedule 1, page 10 of 21
 17
 18 *“A third-party service provider for the North Plant Diesel Plant carried out an on-site*
 19 *assessment in April 2018 indicating that the units were not in a condition to guarantee*
 20 *reliable service for the 2018-2019 winter season; therefore, the plant is not included in*
 21 *this study.”*
 22

23 NLH also indicated in its Labrador East Reliability Plan – Monthly Status Report dated
 24 June 15, 2018, in relation to its 2018 Capital Budget Application:
 25

2.1 Reliability of the North Plant for Peak Loading Conditions

Status: Ongoing

Progress to Date: A third-party service provider for the North Plant Diesels carried out an on-site assessment on April 26, 2018. The assessment indicated that the units were not in a condition to guarantee reliable service for the 2018-2019 winter season. Hydro is currently assessing its options, including both engineering and economic assessments, to determine its course of action with regards to generating assets in Labrador East. An update will be provided in Hydro’s next monthly update, to be submitted to the Board on July 16, 2018.

26
 27
 28 And further indicated in its Monthly Reports dated July 13 and August 15, 2018:

29
 30 *“Hydro continues to review all options for the provision of reliable service in Labrador*
 31 *East; however, at this time, Hydro does not anticipate seeking Board approval for*
 32 *capital work related to the North Plant.”*
 33

1 **IOC – NLH – 4:** Please indicate the cost and alternative options to provide reliable service, including
2 from the North Plant Diesels.

3

4

5

6 Dated in Montréal, province of Québec, on August 24, 2018.

7

8

9 **Iron Ore Company of Canada**

A handwritten signature in blue ink, appearing to be 'BP', with a long horizontal line extending to the right.

10

11

12 Per: Benoît Pepin