

1 Q. Newfoundland and Labrador Hydro – Near-Term Reliability Report, May 15, 2020

2 *Maritime Link Imports*

3 Please describe Hydro’s and Nalcor’s understanding of the coincidence/difference between
4 expected peak loads of the IIS and Nova Scotia Power systems and of the relationship between
5 Nova Scotia Power’s supply resources and demand (and those of other relevant market
6 participants) at its expected winter peak period for the coming and the following winter and
7 relate that understanding to confidence levels with respect to the availability of supply over the
8 Maritime Link during peak conditions.

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11 A.

[Redacted]

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[Redacted]

[Redacted] Newfoundland and Labrador Hydro (“Hydro”) was able to
purchase 185 MW during its peak hour; [Redacted]

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[Redacted] Table 1 details Hydro’s purchases on
February 20, 2019.

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[Redacted]

Table 1 – Maritime Link Purchases February 20, 2019

Hour Ending (Atlantic Time)			Total Purchases (MW delivered)
0100			165
0200			170
0300			170
0400			170
0500			170
0600			170
0700			50
0800			50
0900			50
1000			50
1100			85
1200			135
1300			185
1400			185
1500			185
1600			185
1700			150
1800			100
1900			100
2000			100
2100			150
2200			150
2300			100
2400			100
Total Purchases February 20, 2020			3,125

1 On the specific occasions when agreements of one month duration were sought, all occasions
2 resulted in the successful establishment of an agreement with either NSPI² or NBEM.³ When
3 such agreements were not required, Hydro did not seek an agreement of a specific duration but
4 rather used more opportunistic type transactions to offset thermal energy production on the
5 Island Interconnected System. From September 2019 to March 2020, Hydro imported 311 GWh

² Nova Scotia Power Incorporated (“NSPI”).

³ New Brunswick Energy Marketing (“NBEM”).

1 to offset higher cost thermal generation; approximately 126 GWh of that energy was associated
2 with month-long power purchase agreements which were established for October and
3 November 2019 and March 2020.

4 Hydro has not undertaken an extensive study of the coincidence of peak loads as a joint exercise
5 with NSPI; however, both Hydro and NSPI are participating in the Atlantic Clean Energy initiative,
6 led by the Federal government. As part of this initiative, Hydro will continue to develop its
7 understanding of the existing regional energy system, including the supply/demand balance in
8 the region and regional coincident load requirements.

9 For additional information on the market conditions which could influence Hydro's ability to
10 secure firm purchases over the Maritime Link, please refer to Hydro's response to PUB-NLH-137.