

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

2 ***Measures of Load Loss***

3 Please provide LOLE results corresponding to the scenarios and periods in Tables 6 through 11,  
4 Near-Term Reliability Report, May 15, 2020. (Note: Monthly numbers can be calculated by  
5 taking the sums over all days in each month of the Average Unserved Energy Hours in the peak  
6 hours of the day. If another approach is in Hydro’s view more appropriate, please (in addition to  
7 responding as noted in this request) describe it and provide the results of employing it.

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10 A. Newfoundland and Labrador Hydro's ("Hydro") current approach to its assessments of Near-  
11 Term Reliability is consistent with the North American Electric Reliability Corporation ("NERC")  
12 Probabilistic Assessment Technical Guideline and the NERC seasonal reliability assessments,  
13 neither of which include calculations of monthly or annual Loss of Load Expectation ("LOLE").  
14 Further, Hydro notes that the existing system was designed and evaluated against Hydro's  
15 current established planning criteria of 2.8 loss of load hours per year. In Hydro's filings, the  
16 adoption of the LOLE target of 0.1 is proposed to come into effect following the in-service of the  
17 Muskrat Falls Project Assets. As such, it is not appropriate to evaluate the current system against  
18 the proposed criteria of 0.1 LOLE. Please refer to Hydro's response to PUB-NLH-132 for  
19 additional information.