

1 Q. **Reference: RRAS, 2022 Update, Vol. III, page 53 (134 pdf)**

2 Citation:

3 Labrador is experiencing unprecedented requests for incremental load  
4 additions. Load additions are still forecasted to be 1,300 MW after cost  
5 implications were defined and presented to potential customers. While requests  
6 for the load on the Labrador Interconnected System have been reduced, the  
7 issue has not been eliminated.

8 If the Labrador load materializes, it will result in a syphoning of the Muskrat Falls  
9 Hydroelectric Generating Facility to serve local load requirements, reducing the  
10 ability to serve the Island, which will in turn drive a need for additional  
11 incremental additions on the Island, well beyond the 480 MW of new  
12 incremental capacity previously mentioned.

13 Please provide a table for the years 2023-2035 indicating the forecast Island energy and capacity  
14 balances, taking into account supplies from Muskrat Falls as well as obligations to Nova Scotia,  
15 under the two scenarios of Labrador load growth described in the 2022 Update, as well as the  
16 third scenario provided in response to LAB-NLH-29.

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19 A. An expansion plan is required to be able to provide the forecast Island energy and capacity  
20 balances in consideration of the two scenarios of Labrador load growth described in the  
21 “Reliability and Resource Adequacy Study – 2022 Update” (“2022 Update”).<sup>1</sup> As stated in the  
22 2022 Update, as the results of the *Network Additions Policy – Labrador Interconnected System*<sup>2</sup>  
23 implications become clearer, Newfoundland and Labrador Hydro will continue to investigate  
24 resource alternatives to the Holyrood Thermal Generating Station and the Hardwoods Gas  
25 Turbine as a means of ensuring the reliability of the Island Interconnected System.

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<sup>1</sup> "Reliability and Resource Adequacy Study - 2022 Update," Newfoundland and Labrador Hydro, October 3, 2022.

<sup>2</sup> Newfoundland and Labrador Hydro (2020). *Network Additions Policy – Labrador Interconnected System*,  
<<https://nlhydro.com/wp-content/uploads/2021/03/Network-Additions-Policy.pdf>>.