

1 Q. **Reference: Newfoundland and Labrador Hydro - Long-Term Load Forecast Report**

2 Please clarify and elaborate upon the statement in the LTLFR that the transmission system in  
3 Labrador is “fully maximized.”

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6 A. In the Long-Term Load Forecast Report,<sup>1</sup> it was noted that the existing transmission system in  
7 Labrador is fully maximized, leading to load restrictions in both western and eastern Labrador.

8 The Labrador West transmission system has a maximum firm capacity of 385 MW. The 2023  
9 reference forecast for Labrador West has a forecast peak demand of 382 MW for winter 2024–  
10 2025. In eastern Labrador, the transmission system capacity increased from 76 MW to 104 MW  
11 due to the recent Muskrat Falls to Happy Valley interconnection. Newfoundland and Labrador  
12 Hydro (“Hydro”) is currently processing 22 MW of firm customer requests by exception while  
13 maintaining load restrictions.<sup>2</sup> By continuing these restrictions and conducting system impact  
14 studies on all requests, Hydro will ensure that the system is not overwhelmed to the point that  
15 delivery of reliable service is impacted.

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<sup>1</sup> “Long-Term Load Forecast Report – 2023,” Newfoundland and Labrador Hydro, March 28, 2024, sec. 4.2.2, p. 37.

<sup>2</sup> “Exemption to Regulation 17 – Various Customers in Labrador East,” Newfoundland and Labrador Hydro, April 19, 2024.