

1 Q. What has been the peak load to date for Lab East during the 2018-2019 winter season?  
2 Please reconcile any difference between that peak and the forecasted peak of 81.7 MW for  
3 2018 on page 11 of the Labrador Interconnected System Transmission Expansion Study.

4

5  
6 A. The 2018–2019 winter season peak load for Labrador East to the end of February 2019 was  
7 69.2 MW and occurred at 10:00 a.m. Atlantic Standard Time on Sunday, January 20, 2019.  
8 The actual peak to date of 69.2 MW is less than the forecasted peak of 81.7 MW (P90)  
9 primarily as a result of the following three factors.

10

11 1. Forecast new data centre customer load to date is 5 to 6 MW lower than had been  
12 forecast.

13

14 2. Weekday weather conditions measured by wind chill for the winter season to date  
15 have been at average (P50) conditions. Please refer to Newfoundland and Labrador  
16 Hydro’s response to IOC-NLH-014.

17

18 3. Significant amounts of snow on the ground in the Happy Valley-Goose Bay region  
19 have mitigated the impact of winds on customer peak demand requirements.