

1 Q. **Reference: *Structural Capacity Assessment of the Labrador Island Transmission Link (LITL)*,**  
2 ***EFLA, April 28, 2020, page 50.***

3 *“All suspension towers have sufficient structural capacity when analyzed with the CSA-50 loading*  
4 *and DESIGN loads. With the CSA-150 loading majority of the suspension towers are below 80%*  
5 *utilization and eight towers have a maximum utilization up to 104% in zone 3a and 11-4 under*  
6 *“Wind + Ice” load case.”*

7 Please complete the Wind + Ice load case for the suspension towers with a wind speed of  
8  $0.85 \cdot V_R$  as opposed to the  $0.6 \cdot V_R$  used by EFLA. In the response please detail the number of  
9 towers that are above 80% and 100% utilization for the CSA-50, CSA-150, and CSA-500 loadings  
10 and provide a table, similar to Table 20.

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13 A. As stated in correspondence to the Board of Commissioners of Public Utilities dated March 17,  
14 2020 and discussed during the June 4, 2020 technical conference, it is Newfoundland and  
15 Labrador Hydro’s (“Hydro”) intention to complete sensitivity analysis as a part of the report  
16 titled “Reliability Assessment of LIL considering Climatological Loads.” This report is being  
17 completed by Haldar & Associates Inc. and will be filed as part of Hydro’s 2020 Update to the  
18 Reliability and Resource Adequacy Study in November 2020.