

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 analysis for the suspension towers with (i) a wind
8 speed of $0.85 \cdot V_R$ as opposed to the $0.6 \cdot V_R$, and (ii) terrain category B in places where
9 Nalcor/Hydro elected to use terrain category C. In the response please detail the number of
10 towers that are above 80% and 100% utilization for the revised CSA-50, CSA-150, and CSA-500
11 loadings and provide a table, similar to Table 20.

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14 A. Please refer to Newfoundland and Labrador Hydro’s response to NP-NLH-024.