

1 Q. **Reference: *Structural Capacity Assessment of the Labrador Island Transmission Link (LITL)*,**
2 **EFLA, April 28, 2020, page 51.**

3 *“With CSA-150 loading, the utilization of the electrode and the pole conductor is within limits,*
4 *but the OPGW exceeds the limits in five loading zones with maximum exceedance of 9.3%*
5 *(124kN) under “Ice and Wind” load case.”*

6 Please complete the Ice and Wind load case analysis for the OPGW with (i) a wind speed of
7 $0.5 \cdot V_R$ as opposed to the $0.4 \cdot V_R$, and (ii) terrain category B in places where Nalcor/Hydro elected
8 to use terrain category C. In the response please detail the number of towers that are above
9 80% and 100% utilization for the revised CSA-50, CSA-150, and CSA-500 loadings and provide a
10 table, similar to Table 20.

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