

1 Q. **Newfoundland and Labrador Hydro - EFLA Consulting Engineers Report - *Structural Capacity***
2 ***Assessment of the Labrador Island Transmission Link, April 30, 2020 ("EFLA" Report)***

3 Regarding footnotes 11 through 14 of the April 30, 2020 EFLA report, please explain in more
4 detail why the following assumptions and simplifications indicated on pages 26 and 27 were
5 made for the study and whether and how each assumption or simplification might allow
6 conditions for higher risk of LIL component failure:

7 a. Use of assumptions from design unless conflicting with CSA standard (and indicate where
8 the LIL design assumptions differed from the CSA standard).

9 b. Ice load on tower members assumed the same as radial ice on conductor (and indicated
10 whether this is worst case, and if not, why this assumption was made).

11 c. Load cases contain only uniform ice formation (and indicate whether this is worst case, and
12 if not, why this assumption was made).

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15 A. a. Please refer to Newfoundland and Labrador Hydro's ("Hydro") response to PUB-NLH-103.

16 b. Please refer to Section 3.3.6 of the EFLA Consulting Engineers' report and/or Hydro's
17 response to PUB-NLH-104.

18 c. Please refer to Hydro's response to NP-NLH-020.