

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 With respect to the bullets beginning at the bottom of page 28 of the April 30, 2020 EFLA report
4 and continuing through the top of page 29, please explain in detail the responsibility, bases, and
5 calculations and values used for:

6 a. Determining whether glaze or rime ice was controlling for each loading zone.

7 b. Assessing the contribution of wind conditions in making that determination.

8 c. The Category B and Category C determinations.

9 d. Determining from local conditions that wind speeds for 8 LIL zones in Table 14 were
10 increased.

11 e. Determining to increase wind speed for zones 71, 7b, and 7c were increased by 1.64
12 compared to the CSA standard.

13 f. Increases in wind speed in zones 5 and 9 (was not 1.64, but what was it), and based on what
14 data.

15 g. Not considering topography in other zones.

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18 A. The above questions pertain to the actual design. The intent of the EFLA Consulting Engineers'
19 ("EFLA") study was to use all assumptions made by the original designers unless assumptions
20 were found to be in non-compliance with CSA requirements. EFLA was not asked to evaluate the
21 reasoning for the decisions made by the engineers on record for the above-noted points.