

1 Q. Reference: *Structural Capacity Assessment of the Labrador Island Transmission Link (LITL)*,
2 EFLA, April 28, 2020, pages 23-24.

3 *“Following modifications were made to the PLS-Cadd and PLS-Tower files for the analysis:*

- 4 • *Loading was modified into CSA loading, as described in chapter 3.2. The PLS-Cadd option*
5 *“IEC 60826:2017F” was selected instead of using “Wind on face” as done in the design.*
- 6 • *Stiffness of a few elements in seven suspension towers was reduced by a factor 10 to create*
7 *more realistic force distribution in the tower members.*
- 8 • *Improvements were made of the modeling of the earth wire peak in tower 1219(A1) to*
9 *better represent reality.*

10 Please provide the utilization factors for the affected towers before and after the noted
11 modifications were made to the PLS-Cadd and PLS-Tower files.

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14 A. EFLA Consulting Engineers has confirmed that they did not retain the results of the initial
15 analysis prior to changes of the model as they were not required for the investigation.