

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 comments by Hydro at the June 4, 2020 Technical Conference addressing as-
4 designed versus as-built LIL characteristics and structural capabilities, please describe the efforts
5 made by Hydro and the detailed documentation that support a conclusion that as-built
6 structural capacities of all LIL line sections and components are the same as "as-designed."

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9 A. For the purpose of the EFLA Consulting Engineers ("EFLA") study, the as-designed (or DESIGN) as
10 designated in the report are to be considered the as-built. The documentation and models
11 provided to EFLA to complete its analysis include all changes that have been made to the
12 original design specifications during the construction process. The quality control program used
13 during the construction of the Labrador-Island Link was used to validate that all components of
14 the line were installed in strict accordance with original engineering specifications or
15 concessions approved by engineering prior to installation. There were no significant changes
16 during construction that would be deemed critical enough to result in changes to the intended
17 reliability. As a result, all line sections and components have as-built structural capacities at least
18 equal to their as-designed capabilities with respect to wind and ice loadings.