

1 Q. **Reference: Hydro’s April 30, 2020 letter Re: Reliability and Resource Adequacy Study Review –**  
2 **Assessment of As-Designed Capacity of the Labrador-Island Link.**

3 *“EFLA’s report will be used together with the Assessment of LIL Reliability in Consideration of*  
4 *Climatological Loads, currently underway by Haldar & Associates Ltd., to inform Hydro’s*  
5 *probabilistic failure analysis in determining overall line reliability.”*

6 Please explain what information in the EFLA report will be used in Haldar & Associates’  
7 assessment of LIL reliability and how that information will be used in the assessment.

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10 A. Haldar & Associates Inc. will use the maximum component utilization for segments governed by  
11 freezing precipitation reported by EFLA Consulting Engineers (“EFLA”) to effectively evaluate the  
12 probability of failure along the line. The findings of the EFLA report identify potential areas of  
13 concern for further review (e.g., the optical ground wire). It should be noted that the EFLA study  
14 is the first stage of Newfoundland and Labrador Hydro’s assessment of the reliability of the  
15 Labrador-Island Link and is not fully comprehensive. To determine the overall probability of  
16 failure, the as-built capacity of the entire line needs to be understood and assessed on a  
17 component by component basis; this forms the basis of further work being completed by Haldar  
18 & Associates Inc.