

1 Q. Reference: *Probabilistic Based Transmission Reliability Summary Report*, Appendix
2 A, Page 30 of 56.

3 *“Please note that, as mentioned before, the forced outage rates and availability of*
4 *the HVDC systems are highly dependent on their design, installation, and location.*
5 *Therefore, statistics obtained from one system may not be applicable to another*
6 *system.”*

7 Did Teshmont establish any sort of confidence level to the resulting statistics? If so,
8 what confidence level was determined? If not, why not?

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11 A. Teshmont has experience as an owner engineer for many existing HVdc systems
12 across the world. Teshmont has reviewed the reliability data provided by Nalcor in
13 the context of the company’s experience with HVdc systems and based on CIGRE
14 statistics.

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16 Based on the above, Teshmont confirms the results of the report with reasonable
17 confidence and that the reliability assumptions provided by Nalcor are principally
18 consistent with the average performance of a typical HVdc system. Therefore, an
19 HVdc system that demonstrates a performance similar to this statistical average
20 would provide a reliability improvement over the system that is currently in
21 operation.

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23 Teshmont did not perform an extensive review of the parameters described above
24 to assess how the performance of the Labrador Island Link would vary from the
25 average performance of a typical HVdc system.