

1 Q. Reference: *Probabilistic Based Transmission Reliability Summary Report*, Appendix
2 A, Page 29 of 56.

3 *“Bipole failure rate and repair time:*

4 *a. Average failure rate: 0.7078/year*

5 *b. Average repair time: 13.49 hours”*

6 Has Teshmont considered how winter conditions such as ice accumulation and
7 accessibility might extend repair times for a Bipole outage? If so, please explain.

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10 A. The above provided average repair time is based on LIL Reliability Study (“Lower
11 Churchill Project – Reliability & Availability Assessment of the HVDC Island Link”) –
12 SNC Lavalin Inc. – Section 3.4. It is understood that every utility has its own
13 practices to restore services under these weather conditions. Teshmont study scope
14 was mainly an assessment for the practicality of the assumed failure rate and repair
15 times in comparison to what is reported by CIGRE and CEA.