

1 Q. Reference: *Probabilistic Based Transmission Reliability Summary Report*, Appendix
2 A, Page 32 of 56.

3 *“Unfortunately, only a limited amount of historical data is available for the HVDC*
4 *overhead lines.”*

5 Given these limitations, please describe what confidence Teshmont has with the
6 average failure rates and average outage durations derived from the data? In the
7 response, please identify any actions or information that would improve the
8 historical data used in Teshmont’s analysis.

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11 A. Teshmont’s confidence level with respect to the reliability of the data is discussed in
12 Hydro’s response to NP-NLH-140. In addition to consideration of CIGRE statistics,
13 the analysis also involved a review of CEA statistics to provide a further assessment
14 of the derived failure rates and outage durations. Based on assessments of data
15 from multiple sources, Teshmont has developed a fairly reasonable level of
16 confidence in the average failure rates and repair times used in the analysis.