

1 Q. Reference: *Probabilistic Based Transmission Reliability Summary Report*, Appendix
2 A, Page 28 of 56.

3 *“Based on the Nalcor study the following are the expected failure rates and repair*
4 *times for the HVDC overhead lines.*

- 5 • *Average failure rate per pole (based on 1100km length): 2.101/year*
- 6 • *Average repair time: 1.78 hours*
- 7 • *Average common mode failure rate: 0.02/year/100km*
- 8 • *Average common mode repair time: 24 hours”*

9 Please provide the average common mode failure rate in ‘failures/year’.

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12 A. The average common mode failure rate of 0.02/year/100km converts to 0.22/year
13 based on 1100km length.