

1 Q. **Reference: Technical Conference 2 Presentation, slide 36) It is noted that transmission**
2 **upgrade costs are projected to be \$150 million and include a new transmission line from**
3 **Western Avalon to Soldiers Pond and dynamic line rating technology (LineVision).**

4 a) Please explain why this expenditure is needed including all assumptions, reliability
5 criteria applied, and expected improvement resulting from the \$150 million
6 expenditure.

7 b) Does this expenditure relate to an n-1 or n-2 planning criterion. If n-2, why?

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10 A. The requirement for this expenditure is to secure the Island Interconnected System under the
11 scenario defined by the Labrador-Island Link (“LIL”) shortfall analysis, which explores a six-week
12 outage of the LIL during the winter. Please refer to Newfoundland and Labrador Hydro’s
13 response to NP-NLH-099 of this proceeding.