

- 1 Q. **Reference: Transmission Expansion Study, Appendix B, Appendix A, Alternative 3 (page**
2 **A4, p. 84 pdf)**
3
- 4 a) Please confirm that:
- 5
- 6 i) Alternative 2 is based on the “Baseline Peak” of the Western Labrador forecast
7 found in Table 2 (page 9) of Appendix B, and excludes future data centre loads;
- 8
- 9 ii) Alternative 3 is not in fact an alternative, but simply states that the remaining
10 alternatives will also take into account the forecast data centre loads set out in the
11 third column of the Western Labrador forecast found in Table 2 (page 9) of
12 Appendix B;
- 13
- 14 iii) Loads of greater than 434.5 MW are not foreseen in Labrador West until after
15 2043, unless the Alderon project (Kami Mine) comes into operation, in which case
16 loads greater than 434.5 MW would be experienced as early as 2022.
- 17
- 18 b) Please provide an analysis of the likelihood that the Kami Mine project will go ahead,
19 and of the possible timing.
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- 21
- 22 A. a) Please see responses below:
- 23
- 24 i) It is confirmed that Alternative 2 is based on the “Baseline Peak” of the Western
25 Labrador Forecast found in the “Labrador Interconnected System Transmission
26 Expansion Study,” App. B, at p. 9, Table 2, and excludes future data centre loads.
- 27
- 28 ii) Alternative 3 was developed in consideration of forecasted data centre loads set
out in the third column of the Western Labrador Forecast found in the “Labrador

1 Interconnected System Transmission Expansion Study,” App. B, at p. 9, Table 2. This
2 is not a viable technical alternative as the curtailment of load is in violation of the
3 criteria specified for the “Labrador Interconnected System Transmission Expansion
4 Study.”

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6 iii) All load forecasts beyond the Baseline Load Forecast are speculative. If the Alderon
7 (Kami Mine) development does not materialize and the amount of incremental
8 interconnected load¹ in western Labrador does not exceed 51.5 MW, the total
9 system load would not exceed 434.5 MW until after 2043. If the Alderon
10 development comes into operation, in addition to 51.5 MW of incremental
11 interconnected load in western Labrador, loads greater than 434.5 MW would be
12 experienced as early as 2022.

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14 b) Newfoundland and Labrador Hydro does not have the information necessary to
15 determine the likelihood that the Kami Mine project will proceed, or its possible timing.

¹ Incremental interconnected load refers to new load above the Baseline Load Forecast.