

1 Q. **Reference: Evidentiary Update, Table 2, Pages 5 and 6**

2 In the expansion plan analysis, the LIL EqFOR is 1% in the scenarios where the 2025 Slow
3 Electrification Load Forecast is assumed, but 5% in the scenarios based on the 2025 Reference
4 Load Forecast. Please provide the expansion plan analysis for scenarios similar to 1AE, 1AEC,
5 1AEK and 1AEKC with the only difference being a LIL EqFOR of 1% rather than 5%. Please
6 present the results in the same format as Table 2.

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9 A. Newfoundland and Labrador Hydro (“Hydro”) has completed the requested expansion
10 scenarios. “Scenario 2” has been used to reflect the scenario combining the 2025 Reference
11 Load Forecast with 1% LIL EqFOR,¹ consistent with the 2024 Resource Adequacy Plan and the
12 2025 Build Application. Table 1 summarizes the results in the format requested.

Table 1: Expansion Plan Analysis to 2035

Scenario	Assumptions	First Capacity Addition	Second Capacity Addition ²	Total Installed Wind	Net Present Value (\$ Billions)
2AE	•2025 Reference Load Forecast •1% LIL EqFOR	BDE ³ Unit 8 (2031)	Avalon CT (2033)	300 MW	4.4
2AEC	•2025 Reference Load Forecast •1% LIL EqFOR •No Fuel Burn-Off	BDE Unit 8 (2031)	Avalon CT (2033)	300 MW	4.1
2AEK	•2025 Reference Load Forecast •1% LIL EqFOR •NP ⁴ CT Uprate	BDE Unit 8 (2031)	Avalon CT (2034)	300 MW	4.1 ⁵

¹ Equivalent Forced Outage Rate (“EqFOR”).

² The Avalon Combustion Turbine (“CT”) was advanced to 2031 within the Minimum Investment Required Expansion Plan to meet the Labrador-Island Link (“LIL”) shortfall criteria, which has not been considered within Scenario 2 in this response.

³ Bay d’Espoir (“BDE”).

⁴ Newfoundland Power Inc. (“NP” or “Newfoundland Power”).

⁵ Excludes the capital and operating costs of Newfoundland Power CTs.

Scenario	Assumptions	First Capacity Addition	Second Capacity Addition ²	Total Installed Wind	Net Present Value (\$ Billions)
2AEKC	•2025 Reference Load Forecast •1% LIL EqFOR •No Fuel Burn-Off •NP CT Uprate	Avalon CT (2031)	Additional 141.6 MW CT (2034) ⁶	300 MW	3.8 ⁷

⁶ At this time, Hydro does not have the ability to fuel additional CTs beyond the Avalon CT. Therefore, this additional CT reflects a proxy resource requirement.

⁷ Excludes the capital and operating costs of Newfoundland Power CTs.