

- 1 **Q. (Reference Application) Please provide a summary of all laboratory testing**  
2 **conducted by NP in the 2025 Capital Budget Application to verify the need for**  
3 **asset replacement.**  
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- 5 A. Newfoundland Power verifies the need for asset replacement through its annual  
6 inspection and maintenance practices, condition assessments and engineering reviews.<sup>1</sup>  
7 The Company also completes laboratory testing, when required. As examples, the  
8 Company completed laboratory testing: (i) in 2022, with respect to the Mobile Hydro  
9 Plant surge tank refurbishment and the presence of hazardous materials in the existing  
10 coating; (ii) in 2017, with respect to the Gander office and the presence of hazardous  
11 materials; (iii) in 2014, with respect to the Bell Island submarine cable; (iv) in 2008, with  
12 respect to the Rattling Brook Hydro Plant penstock; and (v) throughout the course of  
13 each year with respect to substation transformer oil analysis.<sup>2</sup>  
14
- 15 In addition, the Company engages third-party engineering consultants with appropriate  
16 engineering expertise to provide recommendations for specific asset replacement, when  
17 required.

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<sup>1</sup> As examples, Newfoundland Power inspects: (i) substations eight times annually; (ii) transmission lines annually; and (iii) distribution lines on a seven-year cycle.

<sup>2</sup> See Newfoundland Power's *2025 Capital Budget Application*, report *2.2 Substation Power Transformer Replacements*, Appendix A, page A-3 and Appendix B, page B-5 for oil sample analysis conducted as part of the Company's *2025 Capital Budget Application*.