

- 1 **Q. (Reference Application Schedule B, Hydro Facility Rehabilitation page 2 of 99)**  
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3 **a) Are any of these hydro facilities run-of-the-river, and if so, how many and which**  
4 **ones?**  
5 **b) Does Newfoundland Power anticipate decommissioning any run-of-the river or**  
6 **low-capacity facilities after Muskrat Falls is fully integrated with the island**  
7 **system?**  
8 **c) Does Newfoundland Power’s Capital Plan anticipate decommissioning any run-**  
9 **of-the river or low-storage capacity hydro facilities after Muskrat Falls is fully**  
10 **integrated with the island system? Explain.**  
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12 **A.** a) For purposes of responding to this Request for Information, a run-of-the-river hydro  
13 plant facility is defined as a hydro plant with little or no available water storage.<sup>1</sup>  
14 Newfoundland Power has 2 run-of-the-river hydro facilities that meet this definition.  
15 These are the Lawn and West Brook hydro plants on the Burin Peninsula.  
16  
17 b) Decommissioning of some low capacity facilities may be required if continued  
18 operation requires capital investments that are not least cost when compared to other  
19 power supply options. Currently, all 23 of Newfoundland Power’s hydro plants  
20 provide reliable, least cost generation to customers. If continued operation requires a  
21 significant capital investment, an economic analysis of that particular hydro plant  
22 would be conducted to determine whether component replacement or  
23 decommissioning is the least cost alternative for customers.  
24  
25 c) Newfoundland Power’s 5-year capital plan submitted with the *2022 Capital Budget*  
26 *Application* does not include any hydro plant decommissioning during this period.  
27 However, Newfoundland Power does have 1 hydro plant that is close to end of life,  
28 potentially requiring capital investment in the near future. A full assessment of  
29 decommissioning costs will be conducted and included as an alternative in the  
30 economic analysis undertaken at that time. See response to Request for Information  
31 PUB-NP-001 for additional information.

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<sup>1</sup> Storage levels vary by hydro plant. Excluding the Lawn and West Brook hydro plants, the amount of water impounded in Newfoundland Power’s reservoirs when full vary by plant – providing between 1 week and 2 months’ worth of production.