

- 1 **Q. (Reference Application, 4.1 Mount Carmel Pond Dam Refurbishment,**
2 **Appendix A, page 4) It is stated “The Plant has total available storage of**
3 **approximately 19.8 GWh. This level of storage represents approximately 56**
4 **days of production at a production rate of 14.5 MW. However, storage levels**
5 **are often not full, and there are practical limitations to managing the flow of**
6 **water from storage to the forebay. These practical considerations limit the**
7 **Company’s ability to maintain continuous production at rated capacity for**
8 **extended periods of time.” What amount of capacity is considered**
9 **“dependable” and incorporated in Hydro’s long-term planning studies?**
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- 11 A. Newfoundland & Labrador Hydro (“Hydro”) does not consider firm capacities for
12 individual Newfoundland Power hydro plants but rather as a total aggregate. In its latest
13 *Reliability and Resource Adequacy* study, Hydro considers 60.1 MW of Newfoundland
14 Power’s hydraulic generation as firm capacity.¹

¹ See Hydro’s *2024 Resource Adequacy Plan*, Appendix B, Page 28 of 57.