

- 1 Q. **Reference Avalon Capacity Study, page 8, Table 2-2:**
- 2 The base case assumes ML can deliver up to 300 MW. Please explain:
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- 4 a. If and to what extent the results change if ML cannot deliver 300 MW, e.g. because of
- 5 one pole being unavailable or because of high power demands in Nova Scotia.
- 6
- 7 b. Whether Hydro has any further actions in place to acquire firm capacity purchases over
- 8 the ML.
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- 11 A. a. The objective of the analysis in the Avalon Capacity Study<sup>1</sup> was to assess transmission
- 12 system constraints within the Island Interconnected System. For the purposes of this
- 13 investigation, system models were developed to include a series of *prospective* capacity
- 14 sources including potential hydraulic generation facilities as well as import over the
- 15 Maritime Link. These sources were included, for illustrative purposes only, to provide
- 16 adequate supply to test transmission capacity and supply to the Avalon Peninsula in the
- 17 event of the loss of the Labrador-Island Link bipole.
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- 19 b. Requirements for the acquisition of firm capacity over the Maritime Link or from any
- 20 other resources are being assessed as part of Newfoundland and Labrador Hydro's
- 21 "Reliability and Resource Adequacy Study."<sup>2</sup> While requirements are being determined,
- 22 Newfoundland and Labrador Hydro continues to pursue availability of firm capacity with
- 23 Nova Scotia.

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<sup>1</sup> "Solutions to Serve Island Demand During a LIL Bipole Outage," TransGrid Solutions, May 23, 2019.

<sup>2</sup> Filed with the Board of Commissioners of Public Utilities on November 16, 2018.