

2026-03-26

**Newfoundland and Labrador Hydro**

Shirley Walsh

E-mail: shirleywalsh@nlh.nl.ca

Dear Ms. Walsh:

**Re: Newfoundland and Labrador Hydro - Island Interconnected System Under Frequency Load Shedding Events - Board's Request for a Detailed Report**

The Island Interconnected System (“IIS”) experienced two events on the DC transmission lines on February 13, 2026 and February 27, 2026 that led to Under Frequency Load Shedding (“UFLS”) on the IIS. Newfoundland and Labrador Hydro (“Hydro”) has indicated that the first event was due to a bipole protection trip on the Labrador Island Link (“LIL”) and that the second event was triggered by a problem on the Maritime Link.

The Board agrees that the loss of the LIL bipole that results in customer outages is considered a high consequence event on the Island Interconnected System.<sup>1</sup> Therefore, it is important that the Board has a full understanding of these events and requests that Hydro file a detailed report by April 30, 2026 setting out the following:

- A detailed sequence of events detailing the cause and resulting effect for both the February 13<sup>th</sup> and February 27<sup>th</sup> outages including both Hydro and Newfoundland Power Inc. generation and transmission assets;
- Details of any corrective actions or fixes that have been or will be taken as a result of these or similar events;
- An estimate of the number of UFLS events Hydro generally expects to experience each year and an explanation of how this estimate was determined;
- The impact, if any, that low reservoir levels on the Island may have had on LIL transfers and thus the UFLS;
- A load flow and transient stability analysis simulating the events of February 27<sup>th</sup>;
- Details of any equipment damage experienced due to overvoltage or over frequency;
- A description of how the LIL was operated on those dates with regard to loading and the interrelationship with the UFLS scheme; and
- The current status of the UFLS system on the IIS highlighting any changes made in the past twelve months including any impact these events may have had on the projected number of UFLS events expected each year.

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<sup>1</sup> 2024 Resource Adequacy Plan, Appendix B, Planning Criteria and Study Methodology, page 7 of 57, footnote 11.

The Board notes that the above list is not intended to be comprehensive and that Hydro should provide any other relevant information to the specific events and Hydro's UFLS scheme in general. In the report, provide separate information for each of the February 13, 2026 and February 27, 2026 events.

If you have any questions, please do not hesitate to contact the Board's Legal Counsel, Ms. Jacquelyn, by email, [jglynn@pub.nl.ca](mailto:jglynn@pub.nl.ca) or by telephone 709-726-6781.

Sincerely,



Mike McNiven  
Board Secretary

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