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2026-08-27

Newfoundland Power Inc.

Dominic Foley

Email: dfoley@newfoundlandpower.com

Dear Sir:

Re: Newfoundland Power Inc. - 2027 Capital Budget Application - Requests for Information on Technical Conference

Enclosed are Requests for Information PUB-NP-015 to PUB-NP-024 regarding the above-noted application.

If you have any questions, please do not hesitate to contact the Board's Legal Counsel, Ms. Jacqui Glynn, by email, jglynn@pub.nl.ca or by telephone 709-726-6781.

Sincerely,

Colleen Jones

Assistant Board Secretary

/cj

Enclosure

ecc **Newfoundland Power Inc.**
Douglas Wright, Email: dwright@newfoundlandpower.com
NP Regulatory, Email: regulatory@newfoundlandpower.com

Newfoundland and Labrador Hydro
Shirley Walsh, Email: shirleywalsh@nlh.nl.ca
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Consumer Advocate
Adrienne Ding, Email: ading@odeaearle.ca
Justin King, Email: jking@odeaearle.ca
General Email: consumeradvocate@odeaearle.ca

1 **IN THE MATTER OF** the **Public**
2 **Utilities Act** (the “**Act**”); and
3
4 **IN THE MATTER OF** an application by
5 Newfoundland Power Inc. for an
6 Order pursuant to sections 41 and 78
7 of the **Act** approving its 2027 Capital
8 Budget; and fixing and determining
9 its 2025 rate base.

**PUBLIC UTILITIES BOARD
REQUESTS FOR INFORMATION**

PUB-NP-015 to PUB-NP-024

Issued: August 27, 2026

PUB-NP-015 Reference: Response to PUB-NP-008

“...While the Study provided a high-level forecast of expected transformer retirements based on age and service life, the Strategy expands upon this analysis by incorporating transformer condition assessments, operational requirements, spare transformer inventory, portable substation capability, and evolving procurement lead times into long-term planning decisions...”

Explain:

- a) The role that transformer condition assessments, operational requirements, spare transformer inventory, portable substation capability and evolving procurement lead times played in the development of the Substation Power Transformer Strategy.
- b) Whether the replacement pace of approximately three transformers per year is intended as a planning guide or a fixed target.
- c) If the replacement pace of approximately three transformers per year is intended as a planning guide, explain how this will be adjusted as future condition assessments, risk rankings or system requirements change.

PUB-NP-016 Reference: Newfoundland Power’s 2027 Capital Budget Application, Section 2.2, Substation Power Transformer Strategy

- a) Confirm that a Net Present Value analysis was not used to compare:
 - (i) the Substation Power Transformer Strategy with identified alternatives for managing power transformer asset risk; and
 - (ii) alternative combinations of the three components (planned transformer replacement pace, spare transformer inventory level and emergency response capability, including portable substation availability) within the Substation Power Transformer Strategy.
- b) Explain how Newfoundland Power determined that the proposed Substation Power Transformer Strategy is the least-cost approach to managing transformer asset risk.

PUB-NP-017 Reference: 2026 CBA Substation Power Transformer Strategy, Service Life Study

The Service Life Study identifies 107 forecast power transformer retirements. Indicate the ranking of the transformers proposed for replacement in the Application relative to the other transformers considered.

PUB-NP-018 Reference: Newfoundland Power's 2027 Capital Budget Application, Section 2.2, Substation Power Transformer Strategy

To confirm the deterioration trend, provide the following for the four power transformers proposed for replacement in the Application:

- a) Year-by-year PTX diagnostic results.
- b) Condition assessment history, similar to that provided in Newfoundland Power's 2026 Capital Budget Application, Section 2.2, Attachments A, B and C.

PUB-NP-019 Reference: Newfoundland Power's 2027 Capital Budget Application, Section 2.2, Substation Power Transformer Strategy, Response to CA-NP-045

- a) Are there alternatives to the LBK-T1 transformer replacement that can be completed without replacing or upgrading the bridge? Explain.
- b) Was replacement with smaller single-phase transformers considered as an alternative, and could this option reduce transport weight sufficiently to avoid replacing or upgrading the bridge?

PUB-NP-020 Reference: Newfoundland Power's 2027 Capital Budget Application, Section 2.2, Substation Power Transformer Strategy

For power transformer replacements, explain whether Newfoundland Power evaluated system-based alternatives including, but not limited to, increasing transformer capacity at adjacent substations, improving load-transfer capability or reconfiguring feeder supply following a transformer failure.

PUB-NP-021 Reference: Newfoundland Power's 2027 Capital Budget Application, Section 2.2, Substation Power Transformer Strategy

For power transformer replacements associated with planned Substation Refurbishment and Modernization work:

- a) Explain how the transformer replacement scope and budget are coordinated with the related substation work, including any dependency between them.
- b) Explain how Newfoundland Power determined that purchasing replacement transformers in advance would not predetermine the outcome of the Board's consideration of the associated substation capital work.

PUB-NP-022 Reference: Newfoundland Power's 2027 Capital Budget Application, Response to PUB-NP-004

- a) Explain whether any portion of the proposed scope relates to remaining or follow-up work on feeders that were inspected and addressed under the Rebuild Distribution Lines program within the past seven years. If so, identify the reasons the current scope was not completed as part of the prior work.
- b) Does Newfoundland Power have a target on the number of feeder refurbishment and modernization projects proposed annually, or on the annual capital expenditure allocated to such projects? If so, explain how that target is determined and how it affects the selection, timing and deferral of candidate feeder projects.
- c) Please identify whether Newfoundland Power forecasts any remaining refurbishment or modernization work on these same feeders within the next seven years, or under any of the other programs. If so, provide the expected scope and explain why that work is not included in the proposed project scope.
- d) Explain how Newfoundland Power determines when additional feeder replacement or refurbishment work is no longer economically justified, even where additional work could further improve asset condition.

PUB-NP-023 Reference: Newfoundland Power's 2027 Capital Budget Application, Response to PUB-NP-004

For the feeder refurbishment and modernization project, provide the following:

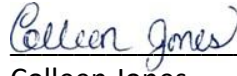
- a) Ranking of each proposed feeder compared with other candidate feeders considered for refurbishment or modernization.
- b) The analysis used to confirm that the proposed scope is the least-cost approach to addressing the identified asset-condition risks, including any comparison with alternatives such as targeted replacement, partial refurbishment, or deferral with monitoring.

- PUB-NP-024**
- a) Explain whether the 2027 Rebuild Distribution Lines Program budget should have been reduced to account for the additional standalone feeder refurbishment projects proposed, given that the Rebuild Distribution Lines Program budget remains generally consistent with 2026 levels and the feeder refurbishment projects include work similar in nature to that completed under the Rebuild Program.
 - b) How does Newfoundland Power plan to balance and prioritize the Rebuild Distribution Lines Program and Feeder Refurbishment projects?

DATED at St. John's, Newfoundland and Labrador this 27th day of August, 2026.

BOARD OF COMMISSIONERS OF PUBLIC UTILITIES

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A handwritten signature in blue ink, reading "Colleen Jones", is written over a horizontal line.

Colleen Jones

Assistant Board Secretary