

NOVA SCOTIA ENERGY BOARD

IN THE MATTER OF: THE PUBLIC UTILITIES ACT

- and -

IN THE MATTER OF: AN APPLICATION by NOVA SCOTIA POWER INCORPORATED
for the Storm Outage Analysis Report – December 3, 2025

INFORMATION REQUESTS

To: **Nova Scotia Power Incorporated**
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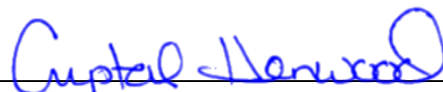
From: **Board Staff**
Nova Scotia Energy Board

Responses Due: **Friday, April 17, 2026**

Copies: 1 electronic copy - PDF searchable

Contact Person: **Miranda Mavhunga**
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Crystal Henwood, Clerk of the Board

Request IR-1:

For this outage report, using December 3, 2025, 00:00 to December 3, 2025, 20:00 as the time axis, please provide the following for each of the eight regions mentioned on PDF page 4

- a) A plot of hourly wind speed forecast plot alongside actual speeds;
- b) A plot of hourly wind gusts forecast plot alongside actual gusts;
- c) A plot of hourly precipitation forecast plot alongside actual precipitation; and
- d) A plot of hourly temperature forecast plot alongside actual temperature.

Request IR-2:

For all outages attributed to tree contact, please provide a detailed breakdown, including:

- a) The number and percentage of incidents involving trees located within the maintained right-of-way;
- b) The number and percentage involving hazard or “danger” trees located outside the right-of-way;
- c) The number and percentage attributable to customer-owned trees;
- d) A comparison of impacts to service lines versus primary distribution lines;
- e) A classification of affected feeders by urban versus rural designation;
- f) The date of the most recent vegetation management work performed on each affected line segment;
- g) Any prior patrol records, inspections, or hazard notifications associated with those segments; and
- h) The total number of unique customer impacts from this storm attributable specifically to tree-related outages.

Request IR-3:

Please provide a comprehensive summary of vegetation management performance over the past five years, including an assessment of how maintenance practices align with observed outage patterns. The summary should include:

- a) An analysis comparing vegetation management and trimming cycles with the incidence of vegetation-related outages;
- b) Identification of circuits or line segments experiencing recurring, high-impact outages attributable to vegetation;
- c) A description of the criteria and methodology used to prioritize vegetation management activities; and

- 1 d) An explanation of any material variances between planned and completed vegetation
2 management work, including underlying causes.

3
4 **Request IR-4:**

5 Please provide a detailed explanation for why the Valley region experienced significantly higher
6 Customer Hours of Interruption (CHI) relative to other regions during this event. In your response,
7 please address the following:

- 8 a) Whether vegetation management practices, standards, and prioritization in the Valley
9 differ in any material way from those applied in other regions;
10 b) Whether the level of impact observed is consistent with the known or previously assessed
11 vegetation-related risk profile for the region;
12 c) The number of crews deployed in the Valley during the event, and how this allocation
13 compared to other affected regions; and
14 d) Whether response times and overall restoration performance in the Valley were consistent
15 with established expectations, given the scale and severity of the impact.

16
17 **Request IR-5:**

18 What specific pre-emptive actions were taken specifically for this event under the high-case
19 scenario?

20
21 **Request IR-6:**

22 Please provide a system wide assessment of distribution automation and circuit segmentation.
23 The response should include:

- 24 a) The percentage of feeders equipped with automated sectionalizing capability; and
25 b) A comparison of restoration times between automated and non-automated circuits,
26 including any observed performance differences.

27
28 **Request IR-7:**

29 Please provide a detailed breakdown of outages attributable to equipment failure. The response
30 should include:

- 31 a) Failure rates by asset class;
32 b) The age profile of failed assets at the time of failure; and
33 c) The preventative maintenance history for the affected components, including any relevant
34 inspection or servicing records.

Request IR-8:

Please provide an evaluation of restoration prioritization practices, including an assessment of the impacts of the “largest first” restoration approach. The response should address:

- a) The comparative impact on rural versus urban customers;
- b) The extent to which this approach influences exposure to long-duration outages; and
- c) A quantification, by region, of customers who experienced outages exceeding 24 hours.

Request IR-9:

Please provide a detailed evaluation of field resource utilization during the event. Specifically, include:

- a) How crew deployment across regions aligned with the geographic distribution and density of outages;
- b) The average and range of time intervals between outage detection and crew dispatch; and
- c) Key productivity indicators, including the rate of outages restored per crew-hour, and any factors influencing these outcomes.