

Q. Reference: "2027 Capital Budget Application," Newfoundland Power Inc., May 29, 2026, Supporting Materials, Distribution: 1.1, Distribution Reliability Initiative, pp. 8-14.

Newfoundland Power states that the 2027 Distribution Reliability Initiative targets two deteriorated off-road sections of distribution feeder GLV-02, and that the likely causes of poor reliability performance are: (i) deteriorated conductor; (ii) danger tree contacts; (iii) deteriorated poles, crossarms and insulators; and (iv) inaccessibility of line.

- a) For each of the two affected sections of distribution feeder GLV-02, please provide a breakdown of all outages over the last 10 years by cause, including vegetation, conductor failure, pole/crossarm/insulator failure, wildlife, weather, lightning, planned outages, unknown/other, and any other outage cause categories tracked by Newfoundland Power.**
- b) For each outage identified in part (a), please provide the date, cause, duration, number of customers interrupted, customer minutes of interruption, and whether the outage was attributable primarily to vegetation, asset condition, access constraints, or another cause.**

A. a) As stated on page 2 of the referenced report, Newfoundland Power's Outage Management System ("OMS") was implemented in 2019, with complete year-end data first available in 2020. As a result, granular outage data on specific sections of distribution feeders is unavailable for years prior to 2020.

Table 1 provides a breakdown of outages experienced by customers along and downstream of the two sections of distribution feeder GLV-02 targeted in the proposed 2027 *Distribution Reliability Initiative*, as of June 2026.

Table 1 GLV-02 Outage Statistics by Section (2020-2026)		
Cause	5 km Section	12 km Section
Danger Trees	48%	84%
Unknown/Other	30%	6%
Equipment Failure	11%	10%
Freezing Rain	5%	-
Emergency Repairs	6%	-

1 Table 1 illustrates that the majority of outages have been related to danger tree
2 contacts, which is reflective of restrictive vegetation management capabilities
3 within the boundary of the Terra Nova National Park. These outage causes
4 further illustrate the need to rebuild and relocate these sections into road-side
5 corridors.
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7 With respect to specific equipment failures, see the response to part b).
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- 9 b) Newfoundland Power's OMS provides summary statistics on individual sections of
10 distribution feeders, including SAIDI and SAIFI metrics, as well as a breakdown
11 of outage causes as provided in Table 1 in the response to part a). However,
12 descriptive outage data for each individual outage is not available for specific
13 sections of line. Complete outage data for distribution feeder GLV-02 is provided
14 in Attachment A. Of the 570 outage incidents that have occurred over the 2020
15 to 2026 period, as of June 2026, 82 have been to customers along or
16 downstream of the 12-kilometre section of line, and 408 have been to customers
17 along or downstream of the 5-kilometre section of line.
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19 Furthermore, Newfoundland Power is required to file *Power Outage and Incident*
20 *Advisory* reports to the Board when outage incidents exceed 300,000 customer
21 outage minutes. Since 2017, the Company has filed 11 of these reports for
22 distribution feeder GLV-02, which is more than any other distribution feeder in
23 the Company's service territory. See the response to Request for Information
24 CA-NP-027 for more information.