

1 **Q. Pages 90-92, Geographic Information System Upgrade Project. A major**
2 **upgrade on Newfoundland Power's Outage Management System is set to be**
3 **performed in 2026 and a full replacement of its Asset Management Software is**
4 **scheduled to occur in 2027. In addition, other management systems have been**
5 **integrated with the current Geographic Information System (GIS) in recent**
6 **years.**

7 **a) Has Newfoundland Power assessed the compatibility of all its information**
8 **systems with the new GIS, if approved? If so, please provide details with**
9 **respect to these assessments including any potential concerns or limitations;**

10 **b) Will any of Newfoundland Power's other information systems require future**
11 **upgrades in order to be compatible with the new GIS? If so, please list which**
12 **systems would require future upgrades; and**

13 **c) Given there are several concurrent information systems projects ongoing**
14 **during the same timeframe, does Newfoundland Power have any concerns with**
15 **respect to the completion of the necessary upgrades and integrations prior to**
16 **February 28, 2028 when vendor support will no longer be available?**

17
18 **A.** a) Prior to the inclusion of the Geographic Information System ("GIS") Upgrade Project
19 in Newfoundland Power's *2026 Capital Budget Application*, the Company engaged
20 the GIS vendor to complete a readiness assessment. All information systems
21 requiring integration into the upgraded GIS were identified and assessed as part of
22 the readiness assessment and the Company's project planning process. Budgetary
23 estimates were received from the core GIS vendor as well as estimates from vendors
24 of software identified as requiring integration.¹ Based on this assessment, there
25 have been no limitations identified.

26
27 b) All information systems requiring integration were analyzed for compatibility with the
28 GIS in the planning assessment described above. The Company's system modeling
29 and load flow software was the only information system identified through this
30 process as requiring its own upgrade to be compatible with the new GIS. The scope
31 of work to upgrade this system was confirmed, and a cost estimate was provided by
32 the software vendor. The upgrade of this system was included in the scope of the
33 proposed GIS upgrade project, and the costs to complete this system upgrade are
34 included in the GIS upgrade project estimate.

35
36 c) The Company has carefully scoped all proposed projects including the implications of
37 the planned concurrent project execution. The timing of these projects, along with
38 other future technology upgrades, have been optimized to ensure that upgrades and
39 integrations are delivered and in-service on a timely basis, including with reference
40 to anticipated future constraints on the serviceability of current systems. While
41 concurrent execution on projects of this nature needs to be carefully planned, the
42 Company is confident that execution risk factors have been sufficiently identified and
43 addressed, based upon the Company's analysis of the technical requirements and

¹ Integrating applications include the Company's Outage Management System, Asset Management System, Customer Information System amongst others. Integration code for each of these business systems must be redeployed in the new version of GIS.

1 available resources for the proposed projects, as well as past experience with similar
2 projects.

3
4 In addition to the third-party readiness assessment and the Company's own analysis
5 as described above, the Company also sought and obtained input from other utilities
6 that have either completed or are currently completing similar projects, including
7 with respect to anticipated timelines, costs and lessons learned. This input was
8 specifically sought to mitigate risk and improve the Company's confidence in project
9 timelines and delivery.