

1 **Q. Reference: "2027 Capital Budget Application," Newfoundland Power Inc.,**
2 **May 29, 2026, Supporting Materials, Substations: 2.1, Appendix C, Mobile**
3 **Plant Substation Refurbishment and Modernization, pp. 2-7.**

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5 **Newfoundland Power states that the approved replacement transformer for**
6 **MOP-T1 has a larger physical footprint than the existing transformer and**
7 **that, as a result, the current 66 kV pole arrangement cannot be reused.**
8 **Newfoundland Power further states that the proposed Mobile Plant**
9 **Substation Refurbishment and Modernization project represents the**
10 **remaining infrastructure work required to enable installation of the approved**
11 **replacement of MOP-T1.**

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13 **a) When Newfoundland Power proposed the MOP-T1 Power Transformer**
14 **Replacement project in its 2026 Capital Budget Application, were the**
15 **costs of the required 66 kV and 6.9 kV structure modifications**
16 **considered? If so, please explain how those costs were reflected in the**
17 **project estimate, lifecycle cost analysis, or supporting justification.**
18 **b) If the 66 kV and 6.9 kV structure modifications are required to install**
19 **the approved MOP-T1 replacement transformer, please explain why**
20 **these modifications were not included within the scope and budget of**
21 **the MOP-T1 Power Transformer Replacement project.**
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23 **A. a)** The lifecycle analysis supporting the approved *MOP-T1 Power Transformer*
24 *Replacement* project recognized that additional capital investment in the Mobile
25 Plant Substation would be required to support continued operation of the Mobile
26 Plant and incorporated a planning estimate of the future *Mobile Plant Substation*
27 *Refurbishment and Modernization* work into the economic evaluation. In
28 addition, the lifecycle cost analysis was revisited as part of the proposed 2027
29 capital project, and it was determined that the Mobile Plant remains economically
30 viable.¹
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32 Subsequent detailed engineering undertaken in support of the development of
33 the proposed *Mobile Plant Substation Refurbishment and Modernization* project
34 further defined the scope and cost estimate for the station infrastructure
35 modifications, including the 66 kV and 6.9 kV support structures required to
36 accommodate the approved replacement transformer.
37

38 Accordingly, the 66 kV and 6.9 kV support structure modifications form part of
39 the broader *Mobile Plant Substation Refurbishment and Modernization* project,
40 which includes the remaining station infrastructure required to accommodate the
41 approved replacement transformer while also renewing aging substation assets
42 beyond the scope of the transformer replacement project. In addition to the
43 structural modifications, the project includes station equipment renewals,

¹ See the *2027 Capital Budget Application*, report 2.1 *Substation Refurbishment and Modernization*, Appendix C, page C-6.

1 protection improvements, grounding upgrades, site modifications and other
2 associated infrastructure improvements identified through the Company's asset
3 management and detailed engineering processes.
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5 b) See the response to Request for Information PUB-NP-007, part a).