

1 **Reference: Schedule B, Page 19: Electric Vehicle Charging Network (\$594,000)**
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3 **Q. Are the proposed 2023 capital expenditures for the EV charging network**
 4 **contingent on approval of Newfoundland Power's proposed 2021-2025 Plan**
 5 **for Electrification and Conservation, Demand Management Application?**
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7 A. No, the proposed 2023 capital expenditures for the *Electric Vehicle Charging Network*
 8 are not contingent on the approval of Newfoundland Power's *2021 Electrification,*
 9 *Conservation and Demand Management Application* (the "2021 ECDM Application").
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11 Investment in Direct Current Fast Charging ("DCFC") infrastructure is foundational to
 12 increasing EV adoption in the province. Market research has identified the province's
 13 limited availability of DCFC infrastructure as a primary barrier to EV adoption. The
 14 market potential study completed by Dunsy Energy Consulting recommended that
 15 DCFC deployment be prioritized to increase transportation electrification.¹
 16

17 In Order No. P.U. 30 (2021), the Board approved Newfoundland Power's supplemental
 18 capital budget application to install 10 DCFC sites as part of the EV Charging Network.
 19 Expenditures proposed for 2023 reflect a continuation of the Company's plans to
 20 establish the foundational infrastructure necessary to accelerate EV adoption in the
 21 province.
 22

23 In its Reasons for Decision in issuing Order No. P.U. 30 (2021), the Board recognized
 24 that the establishment of charging infrastructure may be beneficial for customers
 25 independent of the other proposals included in the 2021 ECDM Application.² The Board
 26 also stated that:
 27

28 *"Based on the evidence provided in this proceeding it is clear that the proposed*
 29 *deployment of EV charging stations throughout the province at this time is an*
 30 *important part of the development of an electrification program for the*
 31 *province."*³
 32

33 While approval of the proposed 2023 capital expenditures are not contingent upon
 34 approval of the 2021 ECDM Application, the establishment of this foundational
 35 infrastructure would ultimately support the other electrification initiatives included in that
 36 application. Combined, the electrification initiatives included in 2021 ECDM Application
 37 will provide a rate mitigating benefit to Newfoundland Power's customers over the

¹ See the *2021 Electrification, Conservation and Demand Management Application, Volume 2, Schedule C,* page 146 of 325.

² The Reasons for Decision state: *"The Board notes that the rate mitigation benefits estimated by the utilities were based on the electrification program as a whole. The evidence does not include an analysis showing that the charging station infrastructure would, on its own, result in rate mitigation. Despite this, the evidence does show that the proposed 2021 deployment of the EV charging stations by the utilities may benefit customers."* See Reasons for Decision, Order No. P.U. 30 (2021), page 11, lines 27 to 31.

³ See Reasons for Decision, Order No. P.U. 30 (2021), page 13, lines 4 to 6.

- 1 longer term. Based on the most up to date information, this rate mitigating benefit is
2 currently estimated at approximately 0.9 ¢/kWh by 2034.⁴

⁴ See Newfoundland Power's Comments filed with the Board on July 29, 2022 regarding the *2021 Electrification, Conservation and Demand Management Application*.