

- 1 **Q. (Reference Application) Please provide a list of other Canadian integrated electric**
2 **utilities and for each one provide: (i) details of its investment in EV charging**
3 **stations, if any, and (ii) the sources of funding utilized to recover the costs of the EV**
4 **charging stations.**
5
- 6 A. *This Request for Information relates to the Electrification, Conservation and Demand*
7 *Management Plan: 2021-2025 (the “2021 Plan”) developed in partnership by*
8 *Newfoundland Power and Newfoundland and Labrador Hydro (“Hydro” or, collectively,*
9 *the “Utilities”). Accordingly, the response reflects collaboration between the Utilities.*
10
- 11 EV penetration rates vary from province to province. For comparative purposes, British
12 Columbia has over 30,000 electric vehicle registrations compared to 230 in
13 Newfoundland and Labrador.¹
14
- 15 Table 1 on the following page provides a list of Canadian electric utilities, including
16 details of their investment in EV charging stations and the sources of funding utilized to
17 recover the cost of the EV charging stations.

¹ See <https://news.gov.bc.ca/releases/2019EMPR0111-002292>.

| Table 1: Canadian Utility Practice Investment in EV Charging Infrastructure | | |
|--|---|--|
| Utility | Details of Investment | Funding Used to Recover Costs |
| Maritime Electric | 50 publicly available Level 2 EV chargers at 26 locations | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$5,000 per Level 2 charger • Government of Prince Edward Island – 12.5% up to a maximum of \$1,250 per charger • Municipalities responsible for the remaining costs, including the electricity consumed at their sites² • Rate charged, if any, is at the discretion of each municipality |
| Newfoundland and Labrador Hydro | 14 publicly available Level 3 and Level 2 charging stations | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$50,000 per Level 3 charger and 50% up to a maximum of \$5,000 per Level 2 charger • \$15 per hour for DCFC and \$1.50 per hour for Level 2 |
| BC Hydro | Over 70 Level 3 stations | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$50,000 per Level 3 charger and 50% up to a maximum of \$5,000 per Level 2 charger • Rate of \$0.12 per minute for Level 2; \$0.21 per minute for DCFC 50kW and \$0.27 per minute for DCFC 100 kW³ |
| FortisBC | Expanding network with 22 new Level 3 chargers | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$50,000 per Level 3 charger and 50% up to a maximum of \$5,000 per Level 2 charger • Government of British Columbia – \$550,000 received under the CleanBC Go Electric program⁴ • Rate of \$9.00 per 30-minute period |
| Nova Scotia Power | 14 Level 3 charging stations. 20 Level 2 charging stations | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$50,000 per Level 3 charger⁵ and 50% up to a maximum of \$5,000 per Level 2 charger⁶ • Rate of \$3.75 per 15-minute session⁷ |
| NB Power | 7 Level 3 chargers | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$50,000 per Level 3 charger⁸ • Rate of \$15 per hour for Level 3 and \$1.50 per hour for Level 2⁹ |
| Hydro One & Ontario Power Generation (Ivy Network) | 160 Level 3 chargers | <ul style="list-style-type: none"> • Natural Resources Canada – 50% up to a maximum of \$50,000 per Level 3 charger • Rate of \$0.30 per minute¹⁰ |

² See Order UE20-05 p.3.

³ See <https://electricvehicles.bchydro.com/how-use-our-fast-chargers/how-much-does-it-cost-charge-fast-charging-station>.

⁴ See <https://www.canada.ca/en/natural-resources-canada/news/2021/06/canada-invests-in-22-new-fast-chargers-in-british-columbia.html>.

⁵ See <https://emc-mec.ca/new/nova-scotia-unveils-its-fast-charging-network/>.

⁶ See <https://www.canada.ca/en/natural-resources-canada/news/2021/07/canada-invests-in-new-ev-chargers-in-nova-scotia.html>.

⁷ See <https://emc-mec.ca/new/nova-scotia-unveils-its-fast-charging-network/>.

⁸ See <https://www.newswire.ca/news-releases/canada-invests-in-new-brunswick-s-electric-vehicle-network-839290509.html>.

⁹ See <https://echargenetwork.com/stations-and-rates>.

¹⁰ See <https://ivycharge.com/help/>.