

1 Q. **Reference: Reference Application**

2 Please provide a list of other Canadian integrated electric utilities and for each one provide:

3 (i) details of its investment in EV charging stations, if any, and

4 (ii) the sources of funding utilized to recover the costs of the EV charging stations.

5

6

7 A. *This Request for Information relates to the Electrification, Conservation and Demand*
8 *Management Plan: 2021-2025 (the “2021 Plan”) developed in partnership by Newfoundland and*
9 *Labrador Hydro and Newfoundland Power (“Hydro” or, collectively, the “Utilities”). Accordingly,*
10 *the response reflects collaboration between the Utilities.*

11 Electric vehicle (“EV”) penetration rates vary from province to province. For comparative
12 purposes, British Columbia has over 30,000 EV registrations¹ compared to 230 in Newfoundland
13 and Labrador.

14 Table 1 provides a list of Canadian electric utilities, including details of their investment in EV
15 charging stations and the sources of funding utilized to recover the cost of the EV charging
16 stations.

¹ “10 years later: more than 30,000 EVs on the road,” BC Gov News, November 28, 2019,
<<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 accessible 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 sites.² 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. Government of Newfoundland and Labrador: \$1,000,000 funding. \$15 per hour for DCFC³ 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 50 kW and \$0.27 per minute for DCFC 100 kW⁴
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 Program.⁵ 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 charger⁶ and 50% up to a maximum of \$5,000 per Level 2 charger.⁷ Rate of \$3.75 per 15-minute session.⁸

² *Electric Power Act, R.S.P.E.I. 1988*, Order UE20-05, Island Regulatory and Appeals Commission Prince Edward Island, November 4, 2020, at p. 3.

³ Level 3 direct current fast chargers (“DCFC”).

⁴ “Using public charging stations,” BC Hydro,

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

⁵ “Canada Invests in 22 New Fast-Chargers in British Columbia,” Natural Resources Canada, June 23, 2021,

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

⁶ “Nova Scotia Unveils its Fast Charging Network,” Electricity Mobility Canada,

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

⁷ “Canada Invests in New EV Chargers in Nova Scotia,” Natural Resources Canada, July 16, 2021,

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

⁸ Nova Scotia Unveils its Fast Charging Network,” Electricity Mobility Canada,

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

Utility	Details of Investment	Funding Used to Recover Costs
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 charger.⁹ • Rate of \$15 per hour for Level 3 and \$1.50 per hour for Level 2.¹⁰
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 minute.¹¹

⁹ “Canada Invests in New Brunswick’s Electric Vehicle Network,” Cision, March 5, 2019
 <<https://www.newswire.ca/news-releases/canada-invests-in-new-brunswick-s-electric-vehicle-network-839290509.html>>.

¹⁰ “Stations and Rates,” Énergie NB Power,
 <<https://echargenetwork.com/stations-and-rates>>.

¹¹ “Frequently asked questions,” Ivy Charging Network,
 <<https://ivycharge.com/help/>>.