

1 Q. **Reference: Application**

2 When did Hydro last complete a load research study? Does Hydro have the ability to develop
3 typical load profiles for its customers that might be used, for example, to manage EV charger
4 demand?

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7 A. The last load research study was completed in 2006 as a joint initiative between Newfoundland
8 and Labrador Hydro (“Hydro”) and Newfoundland Power Inc. (“Newfoundland Power”). In
9 Newfoundland Power’s 2022/2023 General Rate Application Settlement Agreement,
10 Newfoundland Power agreed to conduct a load research study with a detailed framework of the
11 study to be provided to parties in 2022 for input.¹

12 Regarding the management of electric vehicle (“EV”) charging, the Electrification, Conservation
13 and Demand Management Plan 2021–2025² includes an EV demand response pilot program.
14 This pilot program will target EV owners who will charge their EV at home using a Level 2
15 charger. This program will allow Hydro to assess a number of options to control the demand
16 impact of EVs, helping to inform the best long-term approach to EV demand management.

¹ “Newfoundland Power’s 2022/2023 General Rate Application,” Newfoundland Power Inc., Settlement Agreement, November 22, 2021, para 11

<http://www.pub.nl.ca/applications/NP2022GRA/agreement/NP%202022-2023%20GRA%20-%20Settlement%20Agreement%20-%202021-11-22.pdf>

² “Application for Approvals Required to Execute Programming Identified in the Electrification, Conservation and Demand Management Plan 2021–2025,” Newfoundland and Labrador Hydro, rev. July 8, 2021 (originally filed June 16, 2021), sch. 3.