Q. In paragraph 8 of the Application, the Applicant states that the EV Load Management Pilot Project will collect information on local EV owners' charging behaviours.
(a) How many EV owners are there in the province at this time who are NP residential customers?
(b) How many EV owners are anticipated to be in the province in 2024, 2025, 2026, and in 2027 who will be NP residential customers, and please provide the evidence as to the sources of this information.
(c) In reference to the above, how many EV owners are Hydro residential customers?

A. (a) At the end of the first quarter of 2023, there were 787 light-duty EVs in the province. Newfoundland Power does not have data at this time indicating how many of these EV owners are its residential customers. However, takeCHARGE maintains an EV Drivers Club, which currently has 138 members.[1] Of these, 99% are located in Newfoundland Power's service territory and 1% are located in Newfoundland and Labrador Hydro's service territory.

(b) The Application uses the latest EV adoption forecast for the province conducted by Dunsky Energy + Climate Advisors ("Dunsky").[2] Dunsky's model does not forecast EV adoption by utility service territory, but does separately forecast the number of EVs on the Island of Newfoundland, which is predominantly served by Newfoundland Power, and in Labrador, which is served by Newfoundland and Labrador Hydro.

Table 1 provides Dunsky's forecast of residential light-duty EV adoption on the Island of Newfoundland and in Labrador for 2024, 2025, 2026 and 2027.

Table 1
Residential Light-Duty
EV Adoption Forecast
(2024-2027)

Year	Island	Labrador
2024	1,548	82
2025	2,530	149
2026	4,071	252
2027	6,164	390

(c) See parts (a) and (b).

[1] The EV Drivers Club, Go Electric, was established in 2020 to learn from and support EV drivers. Members receive information on EVs, including a newsletter and invitations to events, and have an opportunity to share their experiences with owning an EV.

[2] Dunsky's study is provided as Attachment 2 of Volume III of Hydro's Reliability and Resource Adequacy Study – 2022 Update filed with the Board on October 3, 2022 (the "RRAS 2022 Update").