Q. (Reference Application Clause 3) Regarding units put in place in Phase 1 of the Ultra-Fast DCFC project, which was approved under P.U. 21(2023), it is stated "*They are also expected to result in a further increase in public charging by electric vehicles ("EV") owners*." Subsequently, in the Reliability and Resource Adequacy Study Review – 2024 Resource Adequacy Plan, Hydro has indicated serious capacity shortfalls so that, in addition to Bay d'Espoir Unit 8, a 150 MW combustion turbine and 400 MW of wind generation are included in Hydro's "minimum investment required" for the island system but even more capacity may be needed. How does encouraging EV adoption help to reduce the island system's capacity shortfall?

A. Increased levels of Electric Vehicle ("EV") adoption and penetration rates have been accounted for in Newfoundland and Labrador Hydro's load forecast for the recommended Minimum Investment Required Expansion Plan.[1] Assumptions for EVs within the load forecast were driven by industry EV forecast expert, Dunsky Climate Advisors and reflect provincial and federal government policies.

[1] For further information, please refer to ("Technical Conference #1: Load Forecast/Reliability Planning Criteria of the 2024 Resource Adequacy Plan Proceedings"), Newfoundland and Labrador Hydro, September 17, 2024, slides 17–20.