Q. (Reference slides 5, 6, 7 and 8) The graphics on slides 6, 7 and 8 show the potential impact of EVs on electric energy consumption, load, and revenues. Are the graphics on these slides based on the information on slide 5, which shows that the number of EVs will more than triple by 2034?

(a) Is this a hypothetical scenario or does Newfoundland Power believe that the proposed electrification program will result in a tripling of EVs in the Province by 2034?

(b) If hypothetical, please provide the graphics on slides 5, 6, 7 and 8 based on the number of EVs expected to result from the proposed electrification program, as well as any additional electrification applications that might be submitted in the future.

A. *This Request for Information relates to the Electrification, Conservation and Demand Management Plan: 2021-2025 (the "2021 Plan") developed in partnership by Newfoundland Power Inc. ("Newfoundland Power") and Newfoundland and Labrador Hydro ("Hydro") (collectively, the "Utilities") and the related Technical Conference presented by the Utilities on February 1, 2022. Accordingly, the response reflects collaboration between the Utilities.*

Yes, the graphics shown on slides 6, 7 and 8 of the Technical Conference presentation related to potential energy sales, system load impacts and rate mitigation benefits are based on the EV adoption figures shown on slide 5 of the presentation.

(a) The EV adoption figures shown on slide 5 of the presentation are based on the Utilities' forecast of EV adoption over the 2021 to 2034 period outlined in the 2021 Plan. The EV adoption forecast in the 2021 Plan is based primarily on the market potential study completed by Dunsky Energy Consulting.[1]

(b) See part (a) to this response.

[1] For a copy of the market potential study completed by Dunsky Energy Consulting, see Newfoundland Power's Application, Volume 2, Schedule C.