

Reference: Schedule B: Replace Vehicles and Aerial Devices 2022-2023, page 70 of 99**Q. Please describe Newfoundland Power's plan related to the purchase of electric vehicles as part of its company fleet.**

A. Newfoundland Power is assessing the introduction of electric vehicles ("EVs") into its transportation fleet.¹ The widespread introduction of EVs into the Company's fleet will require that the lifecycle cost for the intended use would be least cost from a revenue requirement perspective.

To date, the Company has 4 EVs in its fleet. These vehicles have been introduced to provide the Company with practical experience in understanding which operational functions can be adequately met using EVs, such as collections services in the field.²

Newfoundland Power is also monitoring trends in the EV market. EVs are being introduced into the marketplace by a variety of different manufacturers, with the number of models expanding annually. However, options for heavy fleet, larger passenger (e.g. pickup trucks) and all-wheel drive vehicles remain limited.³

Plans for the widespread introduction of EVs as part of Newfoundland Power's fleet, including the scope and timing of those plans, will be informed by its practical experience and market trends over the near term.

¹ The Government of Canada has set a mandatory target for all new light-duty cars and passenger trucks sales to be zero-emission by 2035, accelerating Canada's previous goal of 100% of sales by 2040.

² Practical considerations would include the availability of EV charging stations and qualified service centres in the vehicle's normal operating area.

³ The *Replace Vehicles and Aerial Devices 2022-2023* project estimate of 32 passenger vehicles to be replaced includes 24 pickup trucks. While manufacturers are projecting the availability of all-electric pickup trucks in 2022 it is not anticipated that they will be widely available. For example, the Ford Motor Company has recently released the Ford Lightning EV for delivery starting in 2022. They are currently asking fleet operators to register for the opportunity to take delivery of one of these new vehicles in 2022.