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Board of Commissioners of Public Utilities
Prince Charles Building
120 Torbay Road, P.O. Box 21040
St. John's, NL A1A 5B2

Attention: Cheryl Blundon
Director of Corporate Services and Board Secretary

Re: EV Load Management Pilot Project

Please find enclosed Newfoundland and Labrador Hydro's ("Hydro") letter of support regarding Newfoundland Power Inc.'s ("Newfoundland Power") EV¹ Load Management Pilot Project Application.

EV System Impacts

EV adoption is growing rapidly across North America and Newfoundland and Labrador. The Government of Canada has proposed regulations which will require 100% of new vehicle sales in 2035 to be zero emission.

By 2033, Hydro expects there to be in excess of 65,000 EVs in Newfoundland and Labrador. Without intervention by the Utilities (Hydro and Newfoundland Power), these 65,000 EVs are forecast to contribute over 100 MW to system peak. Investing in a pilot program which will enable a portion of this load to be shifted into non-peak hours is consistent with good utility practice and the Utilities obligation for reliable service which is consistent with least cost.

Hydro's Role in EV Demand Response

As the utility responsible for the bulk generation and transmission in our provinces interconnected systems, Hydro will need to make investments to serve customer requirements from EVs. It is Hydro's view that demand response will be a critical and cost effective investment as more EVs are purchased and operated in this jurisdiction.

The vast majority of EV adoption to date has taken place in more urban areas of the province, and these EVs owners are typically customers of Newfoundland Power.² As such, working with Newfoundland Power in the design, implementation, and review of results of this pilot program is the most cost-effective approach to understanding how EV load can best be managed in our province.

¹ Electric Vehicle ("EV").

² Since administering the EV Rebate Program on behalf of the Government of Newfoundland and Labrador, Hydro has rebated fewer than 10 EVs in its service territory.

Conclusion

Hydro supports Newfoundland Power's EV Load Management Pilot Project Application and believes its approval will result in lower system costs for customers following greater adoption levels of EVs.

Should you have any questions, please contact the undersigned.

Yours truly,

NEWFOUNDLAND AND LABRADOR HYDRO



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