Q. Have the mTRC analyses been subject to any sensitivity analysis to assess the impact of future changes in market factors such as changes in the price of EVs, number of EVs purchased, changes in consumption of EVs and changes in marginal costs?

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 and Newfoundland and Labrador Hydro ("Hydro" or, collectively, the "Utilities"). Accordingly, the response reflects collaboration between the Utilities.*

Yes, the mTRC analyses have been subject to sensitivity analyses to assess the impact of future changes in key market factors. This includes future changes in the price of EVs, the number of EVs purchased, the electricity consumption of EVs, and marginal costs.

Table 1 provides a sensitivity analysis for the Residential EV & Charging Infrastructure Program based on a 10% change in key market factors.[1]

Table 1:
Residential EV & Charging Infrastructure Program
mTRC Sensitivity Analysis
(Original mTRC = 1.9)

Scenario	**-10%**	**+10%**
Change in the price of EVs	2.9	1.5
Change in the number of EVs purchased	1.9	1.9
Changes in electricity consumption of EVs	1.8	2.1
Changes in marginal costs	2.0	1.9

[1] The mTRC results shown in Table 1 reflect the combined results for the programs of both Utilities under the 2021 Plan. See Newfoundland Power's *2021 Electrification, Conservation and Demand Management Application,* Volume 2, Schedule L, page 5 of 5.

Table 2 provides a sensitivity analysis for the Commercial EV & Charging Infrastructure Program based on a 10% change in key market factors.[2]

Table 2:
Commercial EV & Charging Infrastructure Program
mTRC Sensitivity Analysis
(Original mTRC = 2.2)

Scenario	-10%	+10%
Change in the price of EVs	3.2	1.7
Change in the number of EVs purchased	2.2	2.3
Changes in electricity consumption of EVs	2.1	2.4
Changes in marginal costs	2.3	2.2

Table 3 provides a sensitivity analysis for the Custom Electrification Program based on a 10% change in key market factors.[3]

Table 3:
Custom Electrification Program
mTRC Sensitivity Analysis
(Original mTRC = 2.1)

Scenario	-10%	+10%
Change in the price of technology	2.4	1.8
Change in the number of projects	2.0	2.1
Changes in project consumption	1.9	2.1
Changes in marginal costs	2.1	2.0

Similar to conservation and demand management programs, mTRC results will be analyzed annually to assess changes in market factors. This process will ensure the Utilities offer appropriate electrification programs as the market evolves.

[2] The mTRC results shown in Table 2 reflect the combined results for the programs of both Utilities under the 2021 Plan. See Newfoundland Power's *2021 Electrification, Conservation and Demand Management Application,* Volume 2, Schedule L, page 5 of 5.

[3] The mTRC results shown in Table 3 reflect the combined results for the programs of both Utilities under the 2021 Plan. See Newfoundland Power's *2021 Electrification, Conservation and Demand Management Application,* Volume 2, Schedule L, page 5 of 5.