

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

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6 A. *This Request for Information relates to the Electrification, Conservation and Demand*
7 *Management Plan: 2021-2025 (the “2021 Plan”) developed in partnership by Newfoundland and*
8 *Labrador Hydro and Newfoundland Power (“Hydro” or, collectively, the “Utilities”). Accordingly,*
9 *the response reflects collaboration between the Utilities.*

10 Yes, the modified Total Resource Cost (“mTRC”) test analyses have been subject to sensitivity
11 analyses to assess the impact of future changes in key market factors. This includes future
12 changes in the price of electric vehicles (“EV”), the number of EVs purchased, the electricity
13 consumption of EVs, and marginal costs.

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

**Table 1: Residential EV & Charging Infrastructure Program mTRC Test Sensitivity Analysis
(Original mTRC Test = 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 Consumption of EVs	1.8	2.1
Changes in Marginal Costs	2.0	1.9

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

**Table 2: Commercial EV & Charging Infrastructure Program mTRC Test Sensitivity Analysis
 (Original mTRC Test = 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 Consumption of EVs	2.1	2.4
Changes in Marginal Costs	2.3	2.2

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

**Table 3: Custom Electrification Program mTRC Test Sensitivity Analysis
 (Original mTRC Test = 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

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