

1 Q. Please provide a table showing, for the 2023 to 2034 period, the change in electricity
2 consumption and change in peak demand due to current and planned electrification programs,
3 the change in electricity consumption and change in peak demand due to current and planned
4 CDM programs, and the respective net differences.

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7 A. *This Request for Information relates to the Electrification, Conservation and Demand
8 Management Plan 2021–2025 (“2021 Plan”) developed in partnership by Newfoundland and
9 Labrador Hydro (“Hydro”) and Newfoundland Power Inc. (“Newfoundland Power”) (collectively,
10 the “Utilities”) and the related Technical Conference presented by the Utilities on February 1,
11 2022. Accordingly, the response reflects collaboration between the Utilities.*

12 Conservation and Demand Management (“CDM”) programs provide direct bill savings for
13 customers. Electrification programs provide a rate mitigating benefit for customers by increasing
14 electricity sales in off-peak periods. The Board of Commissioners of Public Utilities has
15 recognized that a combination of CDM and electrification programs leads to the best outcomes
16 for customers.¹

17 TC-CA-NLH-030, Attachment 1 shows the change in electricity consumption and change in peak
18 demand due to current and planned electrification and CDM programs from 2023–2034.

¹ “Reference to the Board – Rate Mitigation Options and Impacts Muskrat Falls Project – Final Report,” Newfoundland & Labrador Board of Commissioners of Public Utilities, February 7, 2020, p. iii.

**Table 1: CDM and Electrification Programs
 Changes in Electricity Consumption and Peak Demand¹
 (2023–2034)**

Year	Electrification	Electrification	CDM	CDM	Difference in	Difference in
	Electricity		Electricity		Electricity	
	Consumption	Peak Demand	Consumption	Peak Demand	Consumption	Peak Demand
	Impacts	Impacts (MW)	Impacts	Impacts (MW)	Impacts	Impacts (MW)
	(GWh)		(GWh)	(MW)	(GWh)	(MW)
2023	6.3	0.4	(62.9)	(13.3)	(56.6)	(12.9)
2024	13.3	0.9	(76.7)	(16.8)	(63.4)	(15.9)
2025	26.9	1.8	(91.4)	(20.6)	(64.5)	(18.8)
2026	56.6	3.7	(77.2)	(18.9)	(20.6)	(15.2)
2027	98.3	6.3	(77.0)	(18.8)	21.3	(12.5)
2028	150.8	9.6	(77.0)	(18.8)	73.8	(9.2)
2029	212.2	13.4	(75.4)	(18.5)	136.8	(5.1)
2030	284.0	18.0	(73.8)	(18.2)	210.2	(0.2)
2031	364.5	23.0	(73.4)	(18.2)	291.1	4.8
2032	453.7	28.7	(69.0)	(17.2)	384.7	11.5
2033	550.7	34.9	(63.1)	(16.4)	487.6	18.5
2034	657.2	41.2	(59.9)	(16.0)	597.3	25.2

¹ Data represents the net cumulative impacts of CDM and electrification initiatives included in the 2021 Plan. Net savings reflect adjustments for: (i) the timing of customer installations giving rise to the energy savings; and (ii) program free ridership (i.e. an estimate of participants who would have chosen the more efficient product without the program).