

1 **Q. Reference: Requests for Information IIC-NLH-003(c) and IIC-NLH-006, Attachment 1.**

2 Hydro’s response to IIC-NLH-003(c) states the winter period is defined as from December
3 through March because these are the months in which peak loads are likely to occur. The
4 response also provides calculations of the winter-weighted average price and non-winter price
5 assuming March were included as a non-winter month and that while such a change may be
6 sensible in the future, Hydro would need to consider the impact of such a change on other rates
7 and customers, Newfoundland Power in particular.

8 **a)** With respect to the statement that that December through March are the months in
9 which peak loads are likely to occur:

10 **i.** Please clarify what Hydro means by “peak” in this context. Does it refer to the
11 single highest peak hour in the year or some other definition of peak?

12 **ii.** Based on the definition of “peak” provided in part (i), please provide the
13 historical actual peak data that supports the statement that March is a month in
14 which peak loads are likely to occur.

15 **b)** Please provide copies of the tables in the response to IIC-NLH-006 Attachment 1,
16 assuming March is a non-winter month.

17 **c)** Please elaborate on why including March as a non-winter month for the proposed Island
18 Industrial rate would have an impact on other rates and customers if the rate is still
19 designed to be revenue neutral to the Island Industrial class as a whole?

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22 **A. a)** Peak load in this instance refers to the month in which the highest peak hour could occur.

23 Table 1 shows the historical peak loads that occurred in March. The months December to
24 March are the months when peak loads are likely to occur.

Table 1: Historical March Peak Loads

Year	MW	Date
1985/86	1,084	March 10, 1986
1986/87	1,065	March 11, 1987
1991/92	1,303	March 2, 1992
1996/97	1,229	March 10, 1997
2014/15	1,544.3	March 10, 2015

- 1 **b)** Please refer to IIC-NLH-028, Attachment 1.
- 2 **c)** The winter period is defined the same for Newfoundland Power Inc. (“Newfoundland
- 3 Power”) and the proposed Island Industrial rate as December–March. Newfoundland and
- 4 Labrador Hydro would want to maintain consistency in the definition of the winter period
- 5 for both customer groups; therefore, including March as a non-winter month would impact
- 6 the rate charged to Newfoundland Power.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Island Industrial Customers¹

	Billing Units ²	Unit	Current Rates	Billings at		Proposed Rates	Revised Billings (\$)	Change (\$)	Change (%)
				Existing	Rates				
				(\$)					
Demand (kWs)	1,095,600	\$/kW/mo	10.73	11,755,788		5.50	6,025,800		
Energy - Firm (MWhs)	613,371	¢/kWh	4.428	27,160,083		-	-		
1st Block Energy	326,360	¢/kWh			6.183		20,178,908		
2nd Block - Winter Energy	91,034	¢/kWh			10.469		9,530,349		
2nd Block - Non-Winter Energy	195,977	¢/kWh			3.402		6,667,138		
Specifically Assigned		\$	318,130	318,130	413,404		413,404		
Total Base Rate				39,234,001			42,815,599	3,581,598	6.9%
Project Cost Recovery Rider	613,371	¢/kWh	2.015	12,359,433		0.230	1,410,754	(10,948,678)	-21.2%
CDM Recovery Adjustment	613,371	¢/kWh	0.007	42,936		0.007	42,936	-	0.0%
Total				51,636,369			44,269,289	(7,367,080)	-14.3%

¹ Numbers may not add due to rounding.

² 2027 Forecast.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Linde Canada Inc.
Island Industrial Customers¹

	Billing Units ²	Current		Billings at Existing Rates		Proposed Rates		Revised Billings (\$)	Change (\$)	Change (%)
		Unit	Rates	Rates	(\$)	Rates	(\$)			
Demand (kW)		\$/kW/mo	10.73			5.50				
Energy - Firm (MWhs)		¢/kWh	4.428			-				
1st Block Energy		¢/kWh				6.183				
2nd Block - Winter Energy		¢/kWh				10.469				
2nd Block - Non-Winter Energy		¢/kWh				3.402				
Specifically Assigned		\$								
Total Base Rate										
Project Cost Recovery Rider		¢/kWh	2.015			0.230				
CDM Recovery Adjustment		¢/kWh	0.007			0.007				
Total										

¹ Numbers may not add due to rounding.

² 2027 Forecast.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Vale Newfoundland and Labrador Ltd.
Island Industrial Customers¹

	Billing Units ²	Unit	Current Rates	Billings at		Revised Billings (\$)	Change (\$)	Change (%)
				Existing Rates (\$)	Proposed Rates			
Demand (kW/s)		\$/kW/mo	10.73		5.50			
Energy - Firm (MWh/s)		c/kWh	4.428		-			
1st Block Energy		c/kWh			6.183			
2nd Block - Winter Energy		c/kWh			10.469			
2nd Block - Non-Winter Energy		c/kWh			3.402			
Specifically Assigned		\$	145,352		285,042			
Total Base Rate								
Project Cost Recovery Rider		c/kWh	2.015		0.230			
CDM Recovery Adjustment		c/kWh	0.007		0.007			
Total								

¹ Numbers may not add due to rounding.

² 2027 Forecast.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Corner Brook Pulp and Paper Ltd.
Island Industrial Customers¹

	Billing Units ²	Unit	Billings at		Revised Billings (\$)	Change (\$)	Change (%)
			Current Rates	Existing Rates Proposed			
Demand (kW)		\$/kW/mo	10.73		5.50		
Energy - Firm (MWhs)		¢/kWh	4.428		-		
1st Block Energy		¢/kWh			6.183		
2nd Block - Winter Energy		¢/kWh			10.469		
2nd Block - Non-Winter Energy		¢/kWh			3.402		
Specifically Assigned		\$	13,311		5,822		
Total Base Rate							
Project Cost Recovery Rider		¢/kWh	2.015		0.230		
CDM Recovery Adjustment		¢/kWh	0.007		0.007		
Total							

¹ Numbers may not add due to rounding.

² 2027 Forecast.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Braya Renewable Fuels
Island Industrial Customers¹

	Billing Units ²	Unit	Current Rates	Billings at		Revised Billings (\$)	Change (\$)	Change (%)
				Existing Rates (\$)	Proposed Rates			
Demand (kW)		\$/kW/mo	10.73		5.50			
Energy - Firm (MWhs)		¢/kWh	4.428		-			
1st Block Energy		¢/kWh			6.183			
2nd Block - Winter Energy		¢/kWh			10.469			
2nd Block - Non-Winter Energy		¢/kWh			3.402			
Specifically Assigned		\$	107,678		103,152			
Total Base Rate								
Project Cost Recovery Rider		¢/kWh	2.015		0.230			
CDM Recovery Adjustment		¢/kWh	0.007		0.007			
Total								

¹ Numbers may not add due to rounding.

² 2027 Forecast.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Teck Resources Ltd.
Island Industrial Customers¹

	Billing Units ²	Unit	Billings at		Revised Billings (\$)	Change (\$)	Change (%)
			Current Rates	Existing Rates Proposed			
Demand (kW)		\$/kW/mo	10.73				
Energy - Firm (MWhs)		¢/kWh	4.428				
1st Block Energy		¢/kWh					
2nd Block - Winter Energy		¢/kWh					
2nd Block - Non-Winter Energy		¢/kWh					
Specifically Assigned		\$	51,789				
Total Base Rate							
Project Cost Recovery Rider		¢/kWh	2.015				
CDM Recovery Adjustment		¢/kWh	0.007				
Total							

¹ Numbers may not add due to rounding.

² 2027 Forecast.

Customer Rate Impacts - Proposed July 1, 2027 Rate
Marathon Gold Corporation
Island Industrial Customers¹

	Billing Units ²	Unit	Billings at		Revised Billings (\$)	Change (\$)	Change (%)
			Current Rates	Existing Rates Proposed			
Demand (kW)		\$/kW/mo	10.73				
Energy - Firm (MWhs)		¢/kWh	4.428				
1st Block Energy		¢/kWh					
2nd Block - Winter Energy		¢/kWh					
2nd Block - Non-Winter Energy		¢/kWh					
Specifically Assigned		\$					
Total Base Rate							
Project Cost Recovery Rider		¢/kWh	2.015				
CDM Recovery Adjustment		¢/kWh	0.007				
Total							

¹ Numbers may not add due to rounding.

² 2027 Forecast.