

1 Q. **Reference: Requests for Information PUB-NLH-103 and CA-NLH-146. Wind-purchase**
2 **classification ratios.**

3 a) Please provide versions of Schedule F and Schedule G, assuming wind-purchases were
4 classified between demand and energy based on the system load factor.
5
6

7 A. Please refer to IIC-NLH-031, Attachment 1, for the Schedule F revenue-to-cost coverage table
8 comparing the proposed wind-purchase classification (43% demand/57% energy) to a
9 classification based on the system load factor.

10 Please refer to IIC-NLH-031, Attachment 2, for the Schedule G revenue-to-cost coverage table
11 comparing the proposed wind-purchase classification (43% demand/57% energy) to a
12 classification based on the system load factor.

13 The results are presented without the corresponding impact of rate mitigation.

Schedule F Comparison: Amended Cost of Service Table (Wind Power - System Load Factor) to Proposed Cost of Service Table (Wind Power (43%/57%))

NEWFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Total System

Comparison of Revenue & Allocated Revenue Requirement

Line No.	Rate Class	1	2	3	4	5	6	7
			Revenues	Cost of Service Before Deficit and Revenue Credit Allocation	Revenue Credits	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Total System								
1	Newfoundland Power	-	-	41,075	-	(2,200)	38,875	-
2	RSP Activity	-	-	-	-	-	-	-
3	Subtotal Newfoundland Power	-	-	41,075	-	(2,200)	38,875	-
4	Island Industrial	-	-	(38,641)	-	-	(38,641)	-
5	Unallocated RSP Hydraulic Variation	-	-	-	-	-	-	-
6	Labrador Industrial	-	-	-	-	-	-	-
7	CFB - Goose Bay Secondary	-	-	-	-	-	-	-
8	Rural Labrador Interconnected	-	-	-	-	(234)	(234)	-
	Rural Deficit Areas	-	-	-	-	-	-	-
9	Island Interconnected	-	-	(2,434)	-	2,434	-	-
10	Island Isolated	-	-	-	-	-	-	-
11	Labrador Isolated	-	-	-	-	-	-	-
12	L'Anse-au-Loup	-	-	-	-	-	-	-
13	CFB Revenue Credit Applied to Deficit	-	-	-	-	-	-	-
14	Subtotal	-	-	(2,434)	-	2,434	-	-
15	Total	-	-	-	-	-	-	-

Schedule F Comparison: Proposed Cost of Service Table (Wind Power (43%/57%))

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System Comparison of Revenue & Allocated Revenue Requirement								
Line No.	Rate Class	1	2	3	4	5	6	7
			Revenues	Cost of Service Before Deficit and Revenue Credit Allocation	Revenue Credits	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)		
Total System								
1	Newfoundland Power		636,811,717	574,037,014	-	62,778,788	636,815,801	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		636,811,717	574,037,014	-	62,778,788	636,815,801	1.11
4	Island Industrial		42,815,529	42,815,548	-	-	42,815,548	1.00
5	Unallocated RSP Hydraulic Variation		-	-	-	-	-	-
6	Labrador Industrial		9,171,998	9,172,200	-	-	9,172,200	1.00
7	CFB - Goose Bay Secondary		-	-	-	-	-	-
8	Rural Labrador Interconnected		22,231,036	20,039,020	-	2,191,541	22,230,560	1.11
Rural Deficit Areas								
9	Island Interconnected		68,909,058	87,315,429	-	(18,406,371)	68,909,058	0.79
10	Island Isolated		1,717,949	10,404,402	-	(8,686,453)	1,717,949	0.17
11	Labrador Isolated		11,969,343	44,165,488	-	(32,196,145)	11,969,343	0.27
12	L'Anse-au-Loup		4,077,137	9,758,496	-	(5,681,359)	4,077,137	0.42
13	CFB Revenue Credit Applied to Deficit		-	-	-	-	-	-
14	Subtotal		86,673,487	151,643,815	-	(64,970,328)	86,673,487	0.57
15	Total		797,703,766	797,707,596	-	-	797,707,596	1.00

Schedule F Comparison: Amended Cost of Service Table (Wind Power - System Load Factor)

NEWFOUNDLAND AND LABRADOR HYDRO 2027 Test Year Cost of Service Study Total System Comparison of Revenue & Allocated Revenue Requirement								
Line No.	Rate Class	1	2	3	4	5	6	7
			Revenues	Cost of Service Before Deficit and Revenue Credit Allocation	Revenue Credits	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)		
Total System								
1	Newfoundland Power		636,811,717	574,078,089	-	62,776,588	636,854,676	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		636,811,717	574,078,089	-	62,776,588	636,854,676	1.11
4	Island Industrial		42,815,529	42,776,907	-	-	42,776,907	1.00
5	Unallocated RSP Hydraulic Variation		-	-	-	-	-	-
6	Labrador Industrial		9,171,998	9,172,200	-	-	9,172,200	1.00
7	CFB - Goose Bay Secondary		-	-	-	-	-	-
8	Rural Labrador Interconnected		22,231,036	20,039,020	-	2,191,307	22,230,327	1.11
Rural Deficit Areas								
9	Island Interconnected		68,909,058	87,312,996	-	(18,403,938)	68,909,058	0.79
10	Island Isolated		1,717,949	10,404,402	-	(8,686,453)	1,717,949	0.17
11	Labrador Isolated		11,969,343	44,165,488	-	(32,196,145)	11,969,343	0.27
12	L'Anse-au-Loup		4,077,137	9,758,496	-	(5,681,359)	4,077,137	0.42
13	CFB Revenue Credit Applied to Deficit		-	-	-	-	-	-
14	Subtotal		86,673,487	151,641,381	-	(64,967,895)	86,673,487	0.57
15	Total		797,703,766	797,707,596	-	-	797,707,596	1.00

Schedule G Comparison: Amended Cost of Service Table (Wind Power - System Load Factor) to Proposed Cost of Service Table (Wind Power (43%/57%))

NEWFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Total System

Comparison of Revenue & Allocated Revenue Requirement

Line No.	Rate Class	1	2	3	4	5	6	7
			Revenues	Cost of Service Before Deficit and Revenue Credit Allocation	Revenue Credits	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Total System								
1	Newfoundland Power	-	-	41,075	-	(2,311)	38,764	-
2	RSP Activity	-	-	-	-	-	-	-
3	Subtotal Newfoundland Power	-	-	41,075	-	(2,311)	38,764	-
4 Island Industrial								
4	Island Industrial	-	-	(38,641)	-	-	(38,641)	-
5	Unallocated RSP Hydraulic Variation	-	-	-	-	-	-	-
6	Labrador Industrial	-	-	-	-	-	-	-
7	CFB - Goose Bay Secondary	-	-	-	-	-	-	-
8	Rural Labrador Interconnected	-	-	-	-	(123)	(123)	-
Rural Deficit Areas								
9	Island Interconnected	-	-	-	-	-	-	-
10	Island Isolated	-	-	(2,434)	-	2,434	-	-
11	Labrador Isolated	-	-	-	-	-	-	-
12	L'Anse-au-Loup	-	-	-	-	-	-	-
13	CFB Revenue Credit Applied to Deficit	-	-	-	-	-	-	-
14	Subtotal	-	-	(2,434)	-	2,434	-	-
15	Total	-	-	-	-	-	-	-

Schedule G Comparison: Proposed Cost of Service Table (Wind Power - System Load Factor)

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System								
Comparison of Revenue & Allocated Revenue Requirement								
Line No.	Rate Class	1	2	3	4	5	6	7
			Revenues	Cost of Service Before Deficit and Revenue Credit Allocation	Revenue Credits	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)		
Total System								
1	Newfoundland Power		1,104,811,717	1,009,624,141	-	95,188,621	1,104,812,761	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		1,104,811,717	1,009,624,141	-	95,188,621	1,104,812,761	1.09
4	Island Industrial		77,081,467	77,084,808	-	-	77,084,808	1.00
5	Unallocated RSP Hydraulic Variation		-	-	-	-	-	-
6	Labrador Industrial		9,171,998	9,172,200	-	-	9,172,200	1.00
7	CFB - Goose Bay Secondary		-	-	-	-	-	-
8	Rural Labrador Interconnected		21,931,248	20,039,020	-	1,889,304	21,928,324	1.09
Rural Deficit Areas								
9	Island Interconnected		68,909,058	119,423,025	-	(50,513,967)	68,909,058	0.58
10	Island Isolated		1,717,949	10,404,402	-	(8,686,453)	1,717,949	0.17
11	Labrador Isolated		11,969,343	44,165,488	-	(32,196,145)	11,969,343	0.27
12	L'Anse-au-Loup		4,077,137	9,758,496	-	(5,681,359)	4,077,137	0.42
13	CFB Revenue Credit Applied to Deficit		-	-	-	-	-	-
14	Subtotal		86,673,487	183,751,411	-	(97,077,924)	86,673,487	0.47
15	Total		1,299,669,917	1,299,671,580	-	-	1,299,671,580	1.00

Schedule G Comparison: Amended Cost of Service Table (Wind Power - System Load Factor)

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

		Total System						
		Comparison of Revenue & Allocated Revenue Requirement						
Line No.	Rate Class	1	2	3	4	5	6	7
			Revenues	Cost of Service Before Deficit and Revenue Credit Allocation	Revenue Credits	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)		
Total System								
1	Newfoundland Power		1,104,811,717	1,009,665,216	-	95,186,310	1,104,851,525	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		1,104,811,717	1,009,665,216	-	95,186,310	1,104,851,525	1.09
4	Island Industrial		77,081,467	77,046,167	-	-	77,046,167	1.00
5	Unallocated RSP Hydraulic Variation		-	-	-	-	-	-
6	Labrador Industrial		9,171,998	9,172,200	-	-	9,172,200	1.00
7	CFB - Goose Bay Secondary		-	-	-	-	-	-
8	Rural Labrador Interconnected		21,931,248	20,039,020	-	1,889,181	21,928,201	1.09
Rural Deficit Areas								
9	Island Interconnected		68,909,058	119,420,592	-	(50,511,534)	68,909,058	0.58
10	Island Isolated		1,717,949	10,404,402	-	(8,686,453)	1,717,949	0.17
11	Labrador Isolated		11,969,343	44,165,488	-	(32,196,145)	11,969,343	0.27
12	L'Anse-au-Loup		4,077,137	9,758,496	-	(5,681,359)	4,077,137	0.42
13	CFB Revenue Credit Applied to Deficit		-	-	-	-	-	-
14	Subtotal		86,673,487	183,748,977	-	(97,075,491)	86,673,487	0.47
15	Total		1,299,669,917	1,299,671,580	-	-	1,299,671,580	1.00