

1 Q. **Reference: Application, Volume III, Exhibit 16, Attachment 1, NLH Effective Load Carrying**
2 **Capability Study, Table 4; Application Volume I, Section 6.2.3, Schedule F and Schedule G.**

3 Hydro describes the Generation Credit provided to Newfoundland Power in section 6.2.3 (both
4 hydro and thermal) and states the existing calculation takes the total capacity of Newfoundland
5 Power generation and subtracts a reserve at criteria to arrive at the generation credit. Hydro
6 states the reserve at criteria is calculated by subtracting 240 MW from the total Island
7 Interconnected System capacity at peak inclusive of capacity assistance contracts. Table 4 at
8 page 32 of Attachment 1 describes the existing NP Capacity Assistance Program for up to 12
9 MW.

- 10 a) Please provide a detailed explanation of how Hydro models the existing NP Capacity
11 Assistance Program for up to 12MW in the cost of service studies in Schedules F and G
12 of the application.
- 13 b) Please provide versions of the cost of service studies in Schedules F and G assuming
14 there was no 12 MW capacity assistance program with Newfoundland Power.
- 15 c) Please provide versions of the cost of service studies in Schedules F and G of the
16 application assuming there was no thermal generation credit to Newfoundland Power.

17
18
19 A. a) Newfoundland and Labrador Hydro ("Hydro") models the existing Newfoundland Power
20 Inc.'s ("Newfoundland Power") Capacity Assistance Program as 12,000 kW of curtailable
21 load in the 2027 Test Year. The amount is deducted from Newfoundland Power's forecast
22 native peak load before application of the Newfoundland Power coincidence factor.

23 For the coincident-peak calculation, Newfoundland Power's forecast native peak of
24 1,520.3 MW is reduced by 12.0 MW to 1,508.3 MW. Application of the Newfoundland
25 Power coincidence factor (99.4%) produces an adjusted coincident native load of
26 approximately 1,499.9 MW.

1 The proposed 64 MW hydraulic generation credit is then deducted at transmission,
2 producing a coincident peak at transmission of approximately 1,435.9 MW. Transmission
3 losses are applied to calculate approximately 1,498.5 MW at generation before the thermal
4 generation credit. For a step-by-step calculation of peak at generation before the thermal
5 credit, please refer to Hydro's response to IIC-NLH-023 of this proceeding.

6 Newfoundland Power's thermal capability of 44.5 MW, divided by the reserve-at-criteria
7 factor (1.132350), produces a thermal generation credit of approximately 39.3 MW.
8 Deducting this credit results in a Newfoundland Power coincident peak at generation of
9 approximately 1,459.2 MW.

10 A similar 12 MW reduction is applied in determining Newfoundland Power's non-coincident
11 peak. The resulting coincident and non-coincident demand determinants are used, as
12 applicable, in the class allocation factors underlying Schedules F and G of Hydro's 2026
13 General Rate Application.

14 Accordingly, the Capacity Assistance Program is not reflected as a separate cost, generation
15 asset, or stand-alone monetary credit in the Cost of Service studies. Its effect is embedded
16 in the Newfoundland Power demand determinants through a 12 MW reduction to forecast
17 peak load. Schedule F reflects rate mitigation and Schedule G excludes rate mitigation; this
18 distinction does not change the underlying load treatment of the Capacity Assistance
19 Program.

20 **b)** Please refer to IIC-NLH-011, Attachments 1 and 2, which contain revised Schedules F and G,
21 respectively, assuming there was no 12 MW capacity assistance program with
22 Newfoundland Power.

23 **c)** Please refer to IIC-NLH-011, Attachments 3 and 4, which contain revised Schedules F and G,
24 respectively, assuming there was no thermal generation credit to Newfoundland Power.

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System Revenue Requirement

Line No.	1	2	3	4	5	6	7	8
	Description	Total Amount (\$)	Island Interconnected (\$)	Island Isolated (\$)	Labrador Isolated (\$)	L'Anse au Loup (\$)	Labrador Interconnected (\$)	Basis of Proration
	Revenue Requirement							
	Expenses							
1	Operating, Maintenance and Admin.	156,361,556	120,418,337	5,763,854	15,269,542	2,238,392	12,671,431	Detailed Analysis
2	Fuels - No. 6 Fuel	65,010,009	65,010,009	-	-	-	-	Detailed Analysis
3	Fuels - Diesel	22,311,830	2,016,430	2,124,200	17,415,200	756,000	-	Detailed Analysis
4	Fuels - Gas Turbine	18,989,062	18,829,333	-	-	-	159,728	
5	Fuel Supply Deferral	-	-	-	-	-	-	
6	Power Purchases -CF(L)Co	1,554,061	-	-	-	-	1,554,061	Detailed Analysis
7	Power Purchases - Other	65,357,539	60,766,346	177,100	309,793	4,104,300	-	Detailed Analysis
8	Power Purchases - MF	269,134,556	269,134,556	-	-	-	-	Detailed Analysis
9	Total Exports	(40,178,593)	(40,178,593)	-	-	-	-	Detailed Analysis
10	Power Purchases - LTA Costs	46,146,683	46,146,683	-	-	-	-	Detailed Analysis
11	Power Purchases - LIL Costs	465,082,406	465,082,406	-	-	-	-	Detailed Analysis
12	Rate Mitigation	(502,080,430)	(502,080,430)	-	-	-	-	Detailed Analysis
13	Tariff Revenue	(18,337,593)	(18,337,593)	-	-	-	-	Detailed Analysis
14	Depreciation	114,921,995	100,512,135	1,117,417	5,466,481	1,420,232	6,405,729	Detailed Analysis
	Expense Credits:							
15	Sundry	(511,404)	(393,846)	(18,852)	(49,941)	(7,321)	(41,444)	Total O&M Expenses
16	Greenhouse Gas Carbon Credits	(1,250,000)	(1,250,000)	-	-	-	-	Detailed Analysis
17	Building Rental Income	(6,000)	(6,000)	-	-	-	-	Detailed Analysis
18	Tax Refunds	-	-	-	-	-	-	Total O&M Expenses
19	Suppliers' Discounts	-	-	-	-	-	-	Total O&M Expenses
20	Pole Attachments	(1,635,600)	(1,196,656)	(20,860)	(107,593)	(61,423)	(249,068)	Detailed Analysis
21	Wheeling Revenues	-	-	-	-	-	-	Island Interconnected
22	Application Fees	(20,628)	(10,956)	(216)	(1,176)	(432)	(7,848)	Detailed Analysis
23	Meter Test Revenues	-	-	-	-	-	-	Weighted Customers
24	Total Expense Credits	(3,423,632)	(2,857,458)	(39,928)	(158,711)	(69,176)	(298,359)	
25	Subtotal Expenses	660,849,448	584,462,160	9,142,643	38,302,306	8,449,749	20,492,589	Detailed Analysis
26	Disposal Gain/Loss	-	-	-	-	-	-	
27	Subtotal Rev Req Excl Return	660,849,448	584,462,160	9,142,643	38,302,306	8,449,749	20,492,589	
28	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Rate Base
29	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Rate Base
30	Total Revenue Requirement	797,591,678	704,051,544	10,404,667	44,165,752	9,758,496	29,211,220	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System
Return on Rate Base

Line No	1	2	3	4	5	6	7	8
		Total \$	Island Interconnected \$	Island Isolated \$	Labrador Isolated \$	L'Anse au Loup \$	Labrador Interconnected \$	Basis of Proration
Rate Base:								
1	Average Net Book Value	2,404,120,916	2,102,740,030	21,518,581	95,513,749	24,686,846	159,661,709	Schedule 2.3
2	Cash Working Capital	1,562,000	1,366,187	13,981	62,057	16,039	103,735	Prorated on Average Net Book Value - L. 1
3	Cash Working Capital - Muskrat Falls	115,124,000	115,124,000	-	-	-	-	Detailed Analysis
4	Fuel Inventory - No. 6 Fuel	53,963,965	53,963,965	-	-	-	-	Specifically Assigned - Holyrood
5	Fuel Inventory - Diesel	6,181,464	180,546	206,653	5,700,591	93,674	-	Detailed Fuel Analysis
6	Fuel Inventory - Gas Turbine	7,883,571	7,763,006	-	-	-	120,566	Detailed Fuel Analysis
7	Inventory/Supplies	44,722,000	39,481,123	217,603	1,653,208	473,133	2,896,934	Prorated on Total Plant in Service, Schedule 2.2
8	Deferred Charges: Muskrat Falls	47,775	47,775	-	-	-	-	Detailed Analysis
9	Deferred Charges: Foreign Exchange Loss							
10	and Regulatory Costs	115,554,722	101,068,768	1,034,296	4,590,894	1,186,580	7,674,183	Prorated on Average Net Book Value - L. 1
	Retired Asset Pool	52,934,464	28,866,724	2,870,021	12,632,077	362,309	8,203,333	Assigned by System
11	Total Rate Base	<u>2,802,094,876</u>	<u>2,450,602,123</u>	<u>25,861,135</u>	<u>120,152,576</u>	<u>26,818,581</u>	<u>178,660,460</u>	
12	Less: Rural Portion	-	-	-	-	-	-	Schedule 2.6, L. 11
13	Rate Base Available for Equity Return	<u>2,802,094,876</u>	<u>2,450,602,123</u>	<u>25,861,135</u>	<u>120,152,576</u>	<u>26,818,581</u>	<u>178,660,460</u>	
Corporate Targets:								
14	Capital Structure: Percent of Debt	74.50% ⁽¹⁾						
15	Return	4.05%						
16	Weighted Average Return: Debt	<u>3.01%</u>						
17	Capital Structure: Percent of Equity	21.75% ⁽¹⁾						
18	Return	8.60%						
19	Weighted Average Return: Equity	<u>1.87%</u>						
20	Weighted Average Cost of Capital	<u>4.88%</u>						
Return on Rate Base by System (%):								
21	Return on Rate Base - Debt Component	-	3.01%	3.01%	3.01%	3.01%	3.01%	
22	Return on Rate Base - Equity Component	-	1.87%	1.87%	1.87%	1.87%	1.87%	
Return on Rate Base (\$):								
23	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Schedule 2.6, L.13
24	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Schedule 2.6, L.14
25	Return on Rate Base (\$)	<u>136,742,230</u>	<u>119,589,384</u>	<u>1,262,023</u>	<u>5,863,446</u>	<u>1,308,747</u>	<u>8,718,630</u>	Schedule 2.6, L.15
Return on Total Rate Base (%):								
26	Return on Rate Base - Debt Component	3.01%	3.01%	3.01%	3.01%	3.01%	3.01%	L. 23 divided by L.11
27	Return on Rate Base - Equity Component	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	L. 24 divided by L.11
28	Return on Rate Base (%)	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	L. 25 divided by L.11

⁽¹⁾ Debt and equity weightings reflect a 0.74% funded ARO and 3.01% component for Employee Future Benefits at 0% cost.

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

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		636,823,717	576,852,156	-	59,963,645	636,815,801	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		636,823,717	576,852,156	-	59,963,645	636,815,801	1.10
4	Island Industrial		42,809,394	42,807,591	-	-	42,807,591	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	-	2,083,051	22,122,071	1.11
Rural Deficit Areas								
9	Island Interconnected		68,909,058	84,391,797	-	(15,482,739)	68,909,058	0.82
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	148,720,182	-	(62,046,696)	86,673,487	0.58
15	Total		797,709,631	797,591,149	-	-	797,591,149	1.00

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Interconnected

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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Island Interconnected								
1	Newfoundland Power		636,823,717	576,852,156	-	59,963,645	636,815,801	
2	NLP RSP Activity		-				-	
3	Subtotal Newfoundland Power		636,823,717	576,852,156	-	59,963,645	636,815,801	1.10
4	Industrial - Firm		42,809,394	42,807,591	-		42,807,591	
5	Industrial - Non-Firm		-	-	-		-	
6	Industrial RSP Activity		-				-	
7	Subtotal Industrial		42,809,394	42,807,591	-	-	42,807,591	1.00
8	Unallocated RSP Hydraulic Variation		-					
Rural								
9	1.1 Domestic		18,788,948	27,168,204	-	(8,379,257)	18,788,948	0.69
10	1.12 Domestic All Electric		23,929,645	30,204,655	-	(6,275,009)	23,929,645	0.79
11	1.3 Special		21,704	82,800	-	(61,096)	21,704	0.26
12	2.1 General Service 0-100 kW		12,084,583	13,139,730	-	(1,055,147)	12,084,583	0.92
13	2.3 General Service 110-1,000 kVa		7,645,700	7,612,206	-	33,494	7,645,700	1.00
14	2.4 General Service Over 1,000 kVa		5,260,869	4,748,875	-	511,994	5,260,869	1.11
15	4.1 Street and Area Lighting		1,177,608	1,435,326	-	(257,718)	1,177,608	0.82
16	Subtotal Rural		68,909,058	84,391,797	-	(15,482,739)	68,909,058	0.82
17	Total Island Interconnected		748,542,169	704,051,544	-	44,480,906	748,532,449	1.06

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Island Isolated								
1	1.2 Domestic Diesel		809,510	7,704,844		(6,895,334)	809,510	0.11
2	1.2G Government Domestic Diesel		-	55,464		(55,464)	-	-
3	1.23 Churches, Schools & Com Halls		54,843	367,319		(312,476)	54,843	0.15
4	2.1 General Service 0-10 kW		285,054	823,425		(538,370)	285,054	0.35
5	2.2 GS 10-100 kW		535,299	1,290,296		(754,997)	535,299	0.41
6	2.3 GS 110-1,000 kVa		-	-		-	-	-
7	2.4 General Service Over 1,000 kVa		-	-		-	-	-
8	4.1 Street and Area Lighting		26,859	163,053		(136,195)	26,859	0.16
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		1,717,949	10,404,402		(8,686,453)	1,717,949	0.17

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Labrador Isolated								
1	1.2 Domestic Diesel		4,669,502	25,171,515		(20,502,013)	4,669,502	0.19
2	1.2G Government Domestic Diesel		945,104	894,393		50,711	945,104	1.06
3	1.23 Churches, Schools & Com Halls		328,742	1,337,649		(1,008,907)	328,742	0.25
4	2.1 General Service 0-10 kW		1,505,530	3,692,362		(2,186,832)	1,505,530	0.41
5	2.2 GS 10-100 kW		3,760,679	9,555,598		(5,794,920)	3,760,679	0.39
6	2.3 GS 110-1,000 kVa		364,087	1,830,407		(1,466,319)	364,087	0.20
7	2.4 General Service Over 1,000 kVa		245,160	1,373,675		(1,128,515)	245,160	0.18
8	4.1 Street and Area Lighting		144,155	309,889		(165,734)	144,155	0.47
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		11,969,343	44,165,488		(32,196,145)	11,969,343	0.27

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
L'Anse au Loup								
1	1.1 Domestic		828,511	2,224,304		(1,395,792)	828,511	0.37
2	1.12 Domestic All Electric		1,782,547	4,421,637		(2,639,090)	1,782,547	0.40
3	2.1 General Service 0-100 kW		1,046,118	2,332,950		(1,286,832)	1,046,118	0.45
4	2.2 General Service 10-100 kW		-	-		-	-	-
5	2.3 General Service 110-1,000 kVa		354,037	690,869		(336,832)	354,037	0.51
6	4.1 Street and Area Lighting		65,923	88,737		(22,814)	65,923	0.74
7	Total L'Anse Au Loup		4,077,137	9,758,496		(5,681,359)	4,077,137	0.42

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
1	Labrador Interconnected							
1	Labrador Industrial Firm		9,171,998	9,172,200	-	-	9,172,200	1.00
2	Labrador Industrial Non-Firm		-	-	-	-	-	-
3	Subtotal Industrial		9,171,998	9,172,200	-	-	9,172,200	
4	CFB - Goose Bay Secondary		-	-	-	-	-	-
5	Rural							
5	1.1 Domestic		106,057	206,448	-	21,460.18	227,908	0.47
6	1.1A Domestic All Electric		11,783,491	12,172,687	-	1,265,348	13,438,035	0.88
7	2.1 General Service 0-10 kW		302,008	302,668	-	31,462	334,130	0.90
8	2.2 General Service 10-100 kW		2,488,347	1,963,429	-	204,098	2,167,527	1.15
9	2.3 General Service 110-1,000 kVa		4,254,476	2,864,082	-	297,721	3,161,802	1.35
10	2.4 General Service Over 1,000 kVa		2,903,849	2,090,121	-	217,268	2,307,389	1.26
11	4.1 Street and Area Lighting		392,808	439,585	-	45,695	485,280	0.81
12	Subtotal Rural		22,231,036	20,039,020	-	2,083,051	22,122,071	
13	Total Labrador Interconnected		31,403,034	29,211,220	-	2,083,051	31,294,271	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System
Rural Deficit Allocation

Line No.	1	2	Deficit Allocation Allocated on			Total System	
			Revenue Requirement (\$)	Island Interconnected (\$)	Labrador Interconnected (\$)	Rural Deficit Allocation	
			62,046,696				
			62,046,696	59,963,645	2,083,051		
ALLOCATION OF DEFICIT:							
1			Rural Deficit Classified				
2			Allocated Totals				
CUSTOMER DEFICIT ALLOCATION:							
			Amount	Revenue Requirement	Percent		
3			59,963,645	576,852,156	96.6%		
			2,083,051	20,039,020	3.4%		
4			62,046,696		100.0%		
5							

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation				10	11
		Demand Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)		
1	Island Interconnected	20.40	-	0.03778	-	228,610.36	22.52	-	0.04171	-	252,374.35
2		17.54	-	0.03779	-	5,739.81	17.54	-	0.03779	-	5,739.81
3		-	-	-	-	-	-	-	-	-	-
4	Rural										
5	1.1 Domestic	-	0.15675	0.04169	0.19845	40.41	-	-	-	-	-
6	1.12 Domestic All Electric	-	0.13524	0.04178	0.17702	40.50	-	-	-	-	-
7	1.3 Special	-	0.19725	0.04135	0.23861	40.08	-	-	-	-	-
8	2.1 General Service 0-10 kW	31.84	-	0.04197	-	59.71	-	-	-	-	-
9	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-	-	-
10	2.3 General Service 110-1,000 kVa	30.71	-	0.04190	-	78.33	-	-	-	-	-
11	2.4 General Service Over 1,000 kVa	24.30	-	0.04065	-	78.11	-	-	-	-	-
12	4.1 Street and Area Lighting	-	0.15732	0.04193	0.19926	80.57	-	-	-	-	-

0.242932862

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation					
		Demand		Non-Demand		Demand		Non-Demand			
		Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)
Isolated Systems:											
1	1.2 Domestic Diesel	-	0.40411	0.70486	1.10897	59.48					
2	2.1 General Service 0-10 kW	-	0.28507	0.70790	0.99296	60.91					
3	2.2 GS 10-100 kW	70.74	-	0.70018	-	74.94					
4	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-	92.09					
5	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-	92.10					
6	Subtotal Metered Demand Classes	57.16	-	0.69628	-	75.82					
7	4.1 Street and Area Lighting	-	0.41845	0.71159	1.13004	125.84					
Island Isolated											
8	1.2 Domestic Diesel	-	0.93339	0.81837	1.75176	98.56	-	-	-	-	-
9	2.1 General Service 0-10 kW	-	0.49421	0.82234	1.31655	108.37	-	-	-	-	-
10	2.2 GS 10-100 kW	176.03	-	0.82560	-	150.09	-	-	-	-	-
11	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-
12	2.4 General Service Over 1,000 kVa	-	-	-	-	-	-	-	-	-	-
13	4.1 Street and Area Lighting	-	0.88062	0.82195	1.70257	258.93	-	-	-	-	-
Labrador Isolated											
14	1.2 Domestic Diesel	-	0.31708	0.68619	1.00327	49.95	-	-	-	-	-
15	2.1 General Service 0-10 kW	-	0.25281	0.69024	0.94305	53.23	-	-	-	-	-
16	2.2 GS 10-100 kW	61.91	-	0.68978	-	70.62	-	-	-	-	-
17	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-	92.09	-	-	-	-	-
18	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-	92.10	-	-	-	-	-
19	4.1 Street and Area Lighting	-	0.32940	0.69032	1.01972	89.05	-	-	-	-	-

Isolated Systems:

1 1.2 Domestic Diesel

2 2.1 General Service 0-10 kW

3 2.2 GS 10-100 kW

4 2.3 GS 110-1,000 kVa

5 2.4 General Service Over 1,000 kVa

6 **Subtotal Metered Demand Classes**

7 4.1 Street and Area Lighting

Island Isolated

8 1.2 Domestic Diesel

9 2.1 General Service 0-10 kW

10 2.2 GS 10-100 kW

11 2.3 GS 110-1,000 kVa

12 2.4 General Service Over 1,000 kVa

13 4.1 Street and Area Lighting

Labrador Isolated

14 1.2 Domestic Diesel

15 2.1 General Service 0-10 kW

16 2.2 GS 10-100 kW

17 2.3 GS 110-1,000 kVa

18 2.4 General Service Over 1,000 kVa

19 4.1 Street and Area Lighting

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation					After Deficit and Revenue Credit Allocation				
		Demand			Non-Demand		Demand			Non-Demand	
		Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)
L'Anse au Loup											
1	1.1 Domestic	-	0.20909	0.19648	0.40557	45.67	-	-	-	-	-
2	1.12 Domestic All Electric	-	0.17611	0.19663	0.37274	45.70	-	-	-	-	-
3	2.1 General Service 0-10 kW	39.65	-	0.19714	-	62.03	-	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	24.22	-	0.19724	-	77.75	-	-	-	-	-
6	4.1 Street and Area Lighting	-	0.19152	0.19613	0.38764	139.21	-	-	-	-	-
Labrador Interconnected											
7	Labrador Industrial - Firm	2.40	-	-	-	-	2.40	-	-	-	-
8	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-	-	-
9	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-
Rural											
10	1.1 Domestic	-	0.02547	0.00153	0.02700	38.32	-	0.02812	0.00169	0.02981	42.30
11	1.1A Domestic All Electric	-	0.02181	0.00155	0.02336	38.79	-	0.02408	0.00171	0.02579	42.83
12	Subtotal Domestic	-	0.02184	0.00155	0.02338	38.78	-	0.02411	0.00171	0.02581	42.81
13	2.1 General Service 0-10 kW	-	0.01650	0.00156	0.01806	43.34	-	0.01822	0.00172	0.01994	47.85
14	2.2 General Service 10-100 kW	5.33	-	0.00156	-	57.22	5.89	-	0.00172	-	63.17
15	2.3 General Service 110-1,000 kVa	5.43	-	0.00156	-	75.01	6.00	-	0.00172	-	82.81
16	2.4 General Service Over 1,000 kVa	7.81	-	0.00154	-	75.75	8.62	-	0.00170	-	83.62
17	4.1 Street and Area Lighting	-	0.02190	0.00154	0.02344	87.30	-	0.02417	0.00171	0.02588	96.37

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation		
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Energy (\$)
1	Island Interconnected						
2	Newfoundland Power	576,852,156	346,885,266	227,223,566	2,743,324	636,815,801	250,843,402
3	Industrial - Firm	42,807,591	19,214,646	23,179,678	413,267	42,807,591	23,179,678
	Industrial - Non-Firm	-	-	-	-	-	-
4	Rural						
5	1.1 Domestic	27,168,204	17,057,235	4,537,003	5,573,967	-	-
6	1.12 Domestic All Electric	30,204,655	19,840,299	6,129,749	4,234,606	-	-
7	1.3 Special	82,800	68,052	14,267	481	-	-
8	2.1 General Service 0-10 kW	13,139,730	7,903,799	3,056,810	2,179,122	-	-
9	2.2 General Service 10-100 kW	-	-	-	-	-	-
10	2.3 General Service 110-1,000 kVa	7,612,206	5,251,725	2,281,995	78,485	-	-
11	2.4 General Service Over 1,000 kVa	4,748,875	3,103,829	1,637,547	7,499	-	-
	4.1 Street and Area Lighting	1,435,326	326,734	87,085	1,021,507	-	-
12	Subtotal Rural	84,391,797	53,551,673	17,744,457	13,095,667		
13	Total Island Interconnected	704,051,544	419,651,585	268,147,701	16,252,258		

**NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts**

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
1	2	3	4	5	6	7	8	9
Isolated Systems:								
1	1.2 Domestic Diesel	35,531,185	12,225,414	21,323,744				1,982,027
2	2.1 General Service 0-10 kW	4,515,787	1,202,109	2,985,134				328,544
3	2.2 GS 10-100 kW	10,845,894	3,018,652	7,711,419				115,823
4	2.3 GS 110-1,000 kVa	1,830,407	192,285	1,631,491				6,630
5	2.4 General Service Over 1,000 kVa	1,373,675	145,946	1,226,624				1,105
6	Subtotal Metered Demand Classes	14,049,976	3,356,883	10,569,534				123,559
7	4.1 Street and Area Lighting	472,942	87,340	148,522				237,081
8	Total Isolated Systems	54,569,890	16,871,746	35,026,934				2,671,210
Island Isolated								
9	1.2 Domestic Diesel	8,127,627	3,987,492	3,496,117				644,019
10	2.1 General Service 0-10 kW	823,425	278,519	463,439				81,467
11	2.2 GS 10-100 kW	1,290,296	581,615	696,073				12,608
12	2.3 GS 110-1,000 kVa	-	-	-				-
13	2.4 General Service Over 1,000 kVa	-	-	-				-
14	4.1 Street and Area Lighting	163,053	29,695	27,716				105,642
15	Total Island Isolated	10,404,402	4,877,320	4,683,345				843,737
Labrador Isolated								
16	1.2 Domestic Diesel	27,403,557	8,237,923	17,827,627				1,338,008
17	2.1 General Service 0-10 kW	3,692,362	923,590	2,521,695				247,077
18	2.2 GS 10-100 kW	9,555,598	2,437,037	7,015,346				103,215
19	2.3 GS 110-1,000 kVa	1,830,407	192,285	1,631,491				6,630
20	2.4 General Service Over 1,000 kVa	1,373,675	145,946	1,226,624				1,105
21	4.1 Street and Area Lighting	309,889	57,645	120,806				131,438
22	Total Labrador Isolated	44,165,488	11,994,426	30,343,589				1,827,473

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
1									
2									
3									
4									
5									
6									
7									
	L'Anse au Loup								
1	1.1 Domestic	2,224,304	1,029,886	967,807	226,610	-	-	-	-
2	1.12 Domestic All Electric	4,421,637	1,965,011	2,193,923	262,703	-	-	-	-
3	2.1 General Service 0-10 kW	2,332,950	912,221	1,275,212	145,517	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	690,869	222,020	462,718	6,131	-	-	-	-
6	4.1 Street and Area Lighting	88,737	12,479	12,780	63,478	-	-	-	-
7	Total L'Anse au Loup	9,758,496	4,141,617	4,912,440	704,439				
	Labrador Interconnected								
8	Labrador Industrial - Firm	9,172,200	9,127,445	-	44,754	9,172,200	9,127,445	-	44,754
9	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-
10	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-
	Rural								
11	1.1 Domestic	206,448	57,902	3,472	145,073	227,908	63,921	3,833	160,154
12	1.1A Domestic All Electric	12,172,687	6,989,193	495,604	4,687,891	13,438,035	7,715,718	547,121	5,175,196
13	Subtotal Domestic	12,379,135	7,047,094	499,076	4,832,965	13,665,943	7,779,638	550,955	5,335,350
14	2.1 General Service 0-10 kW	302,668	72,906	6,891	222,871	334,130	80,485	7,607	246,038
15	2.2 General Service 10-100 kW	1,963,429	1,326,045	116,569	520,815	2,167,527	1,463,887	128,687	574,953
16	2.3 General Service 110-1,000 kVa	2,864,082	2,445,074	242,120	176,888	3,161,802	2,699,239	267,289	195,275
17	2.4 General Service Over 1,000 kVa	2,090,121	1,862,739	221,928	5,454	2,307,389	2,056,371	244,997	6,021
18	4.1 Street and Area Lighting	439,585	21,166	1,493	416,925	485,280	23,367	1,648	460,265
19	Subtotal Rural	20,039,020	12,775,026	1,088,077	6,175,917	22,122,071	14,102,986	1,201,183	6,817,902
20	Total Labrador Interconnected	29,211,220	21,902,471	1,088,077	6,220,671	31,294,271	23,230,432	1,201,183	6,862,657

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1	Island Interconnected					
2	Newfoundland Power	17,004,014	6,014,582	1	12	
3	Industrial - Firm	1,095,600	613,371	6	72	
	Industrial - Non-Firm	-	-	-	-	
	Rural					
4	1.1 Domestic	-	108,816	11,494	137,927	
5	1.12 Domestic All Electric	-	146,706	8,714	104,563	
6	1.3 Special	-	345	1	12	
7	2.1 General Service 0-10 kW	248,253	72,837	3,042	36,498	
8	2.2 General Service 10-100 kW	-	-	-	-	
9	2.3 General Service 110-1,000 kVa	171,006	54,457	84	1,002	
10	2.4 General Service Over 1,000 kVa	127,708	40,282	8	96	
11	4.1 Street and Area Lighting	-	2,077	1,057	12,678	
12	Subtotal Rural	546,967	425,520	24,398	292,776	
13	Total Island Interconnected	18,646,582	7,053,473	24,405	292,860	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1		2	3	4	5	
Isolated Systems:						
1	1.2 Domestic Diesel	-	30,253	2,900	33,323	
2	2.1 General Service 0-10 kW	-	4,217	449	5,394	
3	2.2 GS 10-100 kW	42,671	11,014	129	1,546	
4	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
5	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
6	Subtotal Metered Demand Classes	58,732	15,180	136	1,630	
7	4.1 Street and Area Lighting	-	209	157	1,884	
8	Total Isolated Systems	58,732	49,858	3,642	42,230	
Island Isolated						
9	1.2 Domestic Diesel	-	4,272	560	6,534	
10	2.1 General Service 0-10 kW	-	564	63	752	
11	2.2 GS 10-100 kW	3,304	843	7	84	
12	2.3 GS 110-1,000 kVa	-	-	-	-	
13	2.4 General Service Over 1,000 kVa	-	-	-	-	
14	4.1 Street and Area Lighting	-	34	34	408	
15	Total Island Isolated	3,304	5,712	663	7,778	
Labrador Isolated						
16	1.2 Domestic Diesel	-	25,980	2,340	26,789	
17	2.1 General Service 0-10 kW	-	3,653	387	4,642	
18	2.2 GS 10-100 kW	39,367	10,170	122	1,462	
19	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
20	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
21	4.1 Street and Area Lighting	-	175	123	1,476	
22	Total Labrador Isolated	55,428	44,146	2,979	34,453	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1						
2						
3						
4						
5						
6						
7						
L'Anse au Loup						
1	1.1 Domestic	-	4,926	414	4962	
2	1.12 Domestic All Electric	-	11,158	479	5,748	
3	2.1 General Service 0-10 kW	23,004	6,468	196	2,346	
4	2.2 General Service 10-100 kW	-	-	-	-	
5	2.3 General Service 110-1,000 kVa	9,166	2,346	7	79	
6	4.1 Street and Area Lighting	-	65	38	456	
7	Total L'Anse au Loup	32,170	24,963	1,133	13,591	
Labrador Interconnected						
8	Labrador Industrial - Firm	3,804,000	1,902,365	-	-	
9	Labrador Industrial - Non-Firm	-	-	-	-	
10	CFB - Goose Bay Secondary	-	-	-	-	
Rural						
11	1.1 Domestic	-	2,273	316	3,786	
12	1.1A Domestic All Electric	-	320,448	10,070	120,840	
13	Subtotal Domestic	-	322,721	10,386	124,626	
14	2.1 General Service 0-10 kW	-	4,418	429	5,142	
15	2.2 General Service 10-100 kW	248,712	74,799	759	9,102	
16	2.3 General Service 110-1,000 kVa	449,945	155,037	197	2,358	
17	2.4 General Service Over 1,000 kVa	238,486	144,227	6	72	
18	4.1 Street and Area Lighting	-	967	398	4,776	
19	Subtotal Rural	937,142	702,170	12,173	146,076	
20	Total Labrador Interconnected	4,741,142	2,604,535	12,173	146,076	

Schedule 1.4
Page 1 of 1

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Rate Calculations for Newfoundland Power

Line No.	1	2	3
	Description	Amount	Source
	Newfoundland Power:		
	Demand:		
1	Rate (\$/kW/mo.)	\$5.50	
2	Billing Units (kW)	17,004,014	Sch 1.3.2, pg 1, Ln 1, Col 2
3	Demand Revenue	\$93,522,079	Ln 1 * Ln 2
	Energy (First Block):		
4	Total Revenue Requirement	\$636,815,801	Sch 1.2, pg 1, Ln 1, Col 6
5	Less: Demand Revenue	\$93,522,079	Ln 3
6	Less: Second Block Energy Revenue (winter)	\$138,546,777	Ln 11 * Ln 13
7	Less: Second Block Energy Revenue (non-winter)	\$51,084,861	Ln 14 * Ln 16
8	First Block Energy Revenue	<u>\$353,662,084</u>	Ln 4 - Ln 5 - Ln 6 - Ln 7
9	First Block Energy Consumed (MWh)	3,000,000	
10	Rate (¢/kWh)	11.789	Ln 8 / Ln 9
	Energy (Second Block - Winter):		
11	Energy Consumption (MWh)	1,546,626	
12	Energy Revenue (winter)	\$138,546,777	
13	Rate (¢/kWh)	8.958	
	Energy (Second Block - Non-winter):		
14	Energy Consumption (MWh)	1,467,956	
15	Energy Revenue (non-winter)	\$51,084,861	
16	Rate (¢/kWh)	3.480	

1 2 3

(1) NP gas turbine and diesel generation capacity (kW)
+ System reserve
NP thermal generation capacity credit (kW)

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Firming Up Charge

Line No.	1	2	3	4
	Description	Total	Gas Turbine	Transmission & Terminals
1	Operating & Maintenance	18,091,849	4,264,846	13,827,003
2	O&M Overhead	15,874,399	4,901,340	10,973,058
3	Depreciation	24,638,245	6,720,131	17,918,114
4	Return	40,542,173	7,359,677	33,182,497
5	Total	99,146,666	23,245,994	75,900,672
6	Capacity (kW)		248,500	1,797,100
7	Cost (\$/kW)	\$135.78	\$93.55	\$42.24
8	Transmission coincident peak ⁽¹⁾	1,447,802		
9	Newfoundland Power Sales (MWh)	6,014,582		
10	Rate (\$/kWh)	\$0.03268		

⁽¹⁾ Newfoundland Power Transmission Coincident Peak adjusted for thermal credit in compliance with PU.8(2007).

Schedule 1.7
Page 1 of 1

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Transmission Wheeling Charge

1		2	
Line No.	Description		
1	Island Interconnected Transmission Revenue Requirement	75,818,020	
2	Transmission Energy Output (MWh)	7,089,578	
3	Rate (\$/kWh)	\$0.01069	

IIC-NLH-011, Attachment 1
2026 General Rate Application
Page 23 of 108

Schedule 2.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 Assessment	21 PUB	
1	Expenses				
2	Operating & Maintenance	14,36,329	977,601		Carryforward from Sch.2.4 L.30
3	Fuels-No. 6 Fuel	-	-		Production - Demand, Energy ratios Sch.4.1 L.10
4	Fuels-Diesel	-	-		Production - Demand, Energy ratios Sch.4.1 L.12
5	Fuels-Gas Turbine	-	-		Production - Demand, Energy ratios Sch.4.1 L.11
6	Fuel Supply Deferral	-	-		
7	Power Purchases -CF(L)Co	-	-		Carryforward from Sch.4.4 L.1 - L.7
8	Power Purchases-Other	-	-		Carryforward from Sch.4.4 L.8
9	Power Purchases-MF	-	-		
10	Total Exports	-	-		
11	Power Purchases - LTA Costs	-	-		Carryforward from Sch.4.4 L.10
12	Power Purchases - LIL Costs	-	-		
13	Rate Mitigation	-	-		Carryforward from Sch.4.4 L.11
14	Tariff Revenue	-	-		Carryforward from Sch.2.5 L.42
15	Depreciation	-	-		
15	Expense Credits				
16	Sundry	(4,698)	(3,197)		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
17	Greenhouse Gas Carbon Credits	-	-		
18	Building Rental Income	-	-		Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.35
19	Tax Refunds	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
20	Suppliers' Discounts	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
21	Pole Attachments	-	-		Prorated on Distribution Poles - Sch.4.1 L.37
22	Secondary Energy	-	-		Production - Energy
23	Wheeling Revenues	-	-		Transmission - Demand
24	Application Fees	-	-		Accounting - Customer
25	Meter Test Revenues	-	-		Meters - Customer
25	Total Expense Credits	(4,698)	(3,197)		
26	Subtotal Expenses	1,431,632	974,404		
27	Disposal Gain / Loss	-	-		Prorated on Total Net Book Value - Sch.2.3 L.42
28	Subtotal Revenue Requirement Ex. Return	1,431,632	974,404		
29	Return on Debt	-	-		Prorated on Rate Base - Sch.2.6 L.10
30	Return on Equity	-	-		Prorated on Rate Base - Sch.2.6 L.12
31	Total Revenue Reqmt	1,431,632	974,404		

Schedule 2.2A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	19
			Basis of Functional Classification
		Production	
		Hydraulic	
1		Bay D'Espoir	Production - Demand, Energy ratios Sch.4.1 L.1
2		Upper Salmon	Production - Demand, Energy ratios Sch.4.1 L.1
3		Hinds Lake	Production - Demand, Energy ratios Sch.4.1 L.1
4		Cat Arm	Production - Demand, Energy ratios Sch.4.1 L.1
5		Paradise River	Production - Demand, Energy ratios Sch.4.1 L.1
6		Granite Canal	Production - Demand, Energy ratios Sch.4.1 L.1
7		Exploits	Production - Demand, Energy ratios Sch.4.1 L.1
8		Star Lake	Production - Demand, Energy ratios Sch.4.1 L.1
9		Other Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.1, 2
		Subtotal Hydraulic	
10		Holyrood	Production - Demand, Energy ratios Sch.4.1 L.3
11		Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.4
12		Rodrickton	Production - Demand, Energy ratios Sch.4.1 L.3
13		Diesel	Production - Demand, Energy ratios Sch.4.1 L.5
14			
15		Subtotal Production	
		Transmission	
16		Lines	Production - Demand, Energy ratios Sch.4.1 L.17 Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
17		Terminal Stations	Production - Demand, Energy subtotals, L. 16; Transmission - Demand; Spec Assigned - Custmr
18		Term Sns - Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.20
19		Term Sns - Holyrood	Production - Demand, Energy ratios Sch.4.1 L.21
20		Term Sns - Gas Tur/Dsl	Production - Demand, Energy ratios Sch.4.1 L.22, 23
21		Term Sns - Distribution	Distribution - Substations Demand
22		Subtotal Term Sns	
23		Subtotal Transmission	
		Distribution	
24		Substations	Production - Demand; Dist Substns - Demand
25		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
26		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
27		Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
28		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
29		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
30		Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
31		Services	Services Customer
32		Meters	Meters - Customer
33		Street Lighting	Street Lighting - Customer
34		Subtotal Distribution	
35		Subtl Prod, Trans, & Dist	
36		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.15, 16
37			
38		Telecontrol - Custmr & Spec	Specifically Assigned - Customer
39		Feasibility Studies	Production, Transmission - Demand
40		Feasibility Studies - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
41		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
42		Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Net Book Value

Line No.	Description	2	3	4	5	6		7	8		9		10		11		12	13		14	15	16	17	18							
						Total Amount	Production Demand		Production Energy	Transmission Demand	Rural Prod & Transmission Demand	Distribution Substations Demand		Primary Lines Demand		Line Transformers Demand		Secondary Lines Demand							Services Customer		Meters Customer	Street Lighting Customer	Accounting Customer	Specifically Assigned Customer	
												(\$)	(\$)	(\$)	(\$)	(\$)		(\$)	(\$)						(\$)	(\$)					(\$)
Production Hydraulic																															
1	Bay D'Espoir	817,319,522	406,311,850	411,007,671	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
2	Upper Salmon	(308,183)	(153,206)	(154,977)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
3	Hinds Lake	2,850,569	1,417,096	1,433,474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
4	Cat Arm	(92,283)	(45,876)	(46,407)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	Paradise River	(34,788)	(17,294)	(17,494)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
6	Granite Canal	(32,688)	(16,250)	(16,438)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
7	Exploits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
8	Sier Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
9	Other Small Hydraulic	264,354	131,418	132,937	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
10	Subtotal Hydraulic	819,966,503	407,627,737	412,338,766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
11	Hollyrood	146,045,381	129,746,716	16,298,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
12	Gas Turbines	126,292,246	126,292,246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
13	Roddickton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
14	Diesel	5,172,218	5,172,218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
15	Subtotal Production	1,097,476,348	668,838,917	428,637,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Transmission																															
16	Lines	417,821,974	9,064,402	9,169,161	351,254,883	34,898,171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,435,358								
17	Terminal Stations	251,981,802	-	-	221,893,590	16,264,106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,824,115								
18	Term Sns - Hydraulic	31,674,087	15,746,054	15,928,034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
19	Term Sns - Hollyrood	8,652,255	7,686,664	965,592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
20	Term Sns - Gas Tur/Dsl	354,105	354,105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
21	Term Sns - Distribution	11,523,736	-	-	-	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
22	Subtotal Term Sns	304,185,986	23,786,822	16,893,625	221,893,580	16,264,106	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,824,115								
23	Subtotal Trans & Term Sns	722,007,960	32,851,224	26,062,786	573,148,463	51,162,277	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,259,474								
Distribution																															
24	Substations	51,022,061	-	-	-	-	51,022,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
25	Land & Land Improvements	1,847,171	-	-	-	-	-	177,421	-	-	161,535	-	-	-	-	-	-	-	-	-	-	-	-								
26	Poles	64,594,582	-	-	-	-	-	37,335,013	12,799,342	-	6,608,323	7,851,903	-	-	-	-	-	-	-	-	-	-	-								
27	Primary Conductor & Eqpt	14,135,421	-	-	-	-	-	12,538,118	1,597,303	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
28	Submarine Conductor	1,560,642	-	-	-	-	-	1,560,642	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
29	Transformers	14,450,703	-	-	-	-	-	-	-	5,216,704	9,233,999	-	-	-	-	-	-	-	-	-	-	-	-								
30	Secondary Conductor&Eqpt	899,951	-	-	-	-	-	-	-	-	-	375,280	-	-	-	-	-	-	1,764,688	-	-	-	-								
31	Services	1,764,688	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
32	Meters	6,895,204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,895,204	-	-	-	-								
33	Street Lighting	2,172,511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,172,511	-	-								
34	Subtotal Distribution	159,302,933	-	-	-	-	51,022,061	52,826,448	14,534,065	5,216,704	9,233,999	7,294,530	8,342,723	1,764,688	6,895,204	2,172,511	-	-	-	-	-	-	-								
35	Subtl Prod, Trans, & Dist	1,978,787,241	701,690,141	454,700,216	573,148,463	51,162,277	62,546,797	52,826,448	14,534,065	5,216,704	9,233,999	7,294,530	8,342,723	1,764,688	6,895,204	2,172,511	-	-	-	-	-	-	27,259,474								
36	General	109,768,211	51,490,826	18,191,984	22,389,193	3,110,811	2,092,653	3,946,722	1,076,732	329,111	582,553	570,208	647,092	190,029	582,104	162,146	-	-	-	-	-	-	862,300								
37	NLSO	596,295	211,450	137,021	172,715	15,417	18,848	15,919	4,380	1,572	2,783	2,198	2,514	532	2,078	655	-	-	-	-	-	-	8,214								
38	Telecontrol - Outlrm & Spec	(180,127)	(180,127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
39	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
40	Feasibility Studies - General	13,768,409	4,882,363	3,163,806	3,987,969	355,987	435,194	367,567	101,128	36,298	64,250	50,755	58,049	12,279	47,977	15,116	-	-	-	-	-	-	189,672								
41	Software - General	2,102,740,030	758,094,653	476,193,027	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,583,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	-	-	-	-	-	-	28,319,660								
42	Total Net Book Value																														

Island Interconnected

Functional Classification of Operating & Maintenance Expense

[illegible]

Schedule 2.4A
Page 2 of 2

NEFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 PUB Assessment	21	
1	Production				
2	Hydraulic	-	-		Prorated on Hydraulic Plant in Service - Sch.2.2 L.10
3	Holymood / Thermal	-	-		Prorated on Holymood Plant in Service - Sch.2.2 L.11
4	Roddiokton	-	-		Prorated on Roddiokton Plant in Service - Sch.2.2 L.13
5	Gas Turbine	-	-		Prorated on Gas Turbines Plant in Service - Sch.2.2 L.12
6	Diesel	-	-		Prorated on Diesel Plant in Service - Sch.2.2 L.14
7	Other	-	-		Prorated on Production Plant in Service - Sch.2.2 L.15
	Subtotal Production	-	-		
8	Transmission				
9	Transmission Lines	-	-		Prorated on Transmission Lines Plant in Service - Sch.2.2 L.16
10	Terminal Stations	-	-		Prorated on Terminal Stations Plant in Service - Sch.2.2 L.22
11	Other	-	-		Prorated on Transmission Plant in Service - Sch.2.2 L.23
	Subtotal Transmission	-	-		
12	Distribution				
13	Other	-	-		Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 34, less L. 32
14	Meters	-	-		Meters - Customer
	Subtotal Distribution	-	-		
15	Subtotl Prod, Trans, & Dist	-	-		
16	Customer Accounting	-	-		Accounting - Customer
	Administrative & General:				
17	Plant-Related:				
18	Production	-	-		Prorated on Production Plant in Service - Sch.2.2 L.15
19	Prod - Gas Turb & Diesel	-	-		Prorated on Gas Turbine & Diesel Production Plant in Service - Sch.2.2 L.12, 14
20	Transmission	-	-		Prorated on Transmission Plant in Service - Sch.2.2 L.23
21	Distribution	-	-		Prorated on Distribution Plant in Service - Sch.2.2 L.34
22	Prod, Trans, Distn	-	-		Prorated on Prod, Trans & Distribution Plant in Service - Sch.2.2 L.35
23	Plant	-	-		Prorated on Total Plant in Service, Sch. 2.2 L. 42
24	Prod, Trans, Distn, Excl Hydraulic & Holymood	-	-		Prorated on Total Plant in Service, Sch. 2.2 L. 35 Less L. 10 and L. 11
25	Property Insurance	-	-		Prorated on Prod., Trans. Terminal, Dist. Sub & General Plant in Service - Sch.2.2 L.15, 22, 24, 36 - 38
26	Revenue-Related:				
27	Municipal Tax	1,436,329	-		Revenue-related
28	PUB Assessment	-	977,601		Revenue-related
29	All Expense-Related	-	-		Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L. 15, 16
30	Prod, Trans, and Distn Expense-Related	-	-		Prorated on Subtotal Production, Transmission, Distribution Expenses - L. 15
	Subtotal Admin & General	-	-		
	Subtotal Admin & General	1,436,329	977,601		
	Total Operating & Maintenance Expenses	1,436,329	977,601		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected

Line No.	Description	Functional Classification of Depreciation Expense																18 Specifically Assigned Customer (\$)
		2 Total Amount (\$)	3 Production Demand (\$)	4 Production Energy (\$)	5 Transmission Demand (\$)	6 Rural Prod & Transmission Demand (\$)	7 Distribution Substations Demand (\$)	8 Primary Lines			9 Secondary Lines			14 Services Customer (\$)	15 Meters Customer (\$)	16 Street Lighting Customer (\$)	17 Accounting Customer (\$)	
								Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Production Hydraulic																		
1	Bay D'Espoir	18,997,665	9,444,258	9,553,407	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Upper Salmon	7,435	7,325	7,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hinds Lake	30,668	15,246	15,422	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Cat Arm	5,515	2,741	2,773	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Paradise River	172	85	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Granite Canal	11,636	5,785	5,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Exploits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Muskat Falls Sustaining	720,638	358,249	382,389	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Other Small Hydraulic	3,222	1,602	1,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Subtotal Hydraulic	19,784,250	9,835,291	9,848,959	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Holyrood	31,706,547	28,168,086	3,538,451	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Gas Turbines	5,751,897	5,751,897	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Roddickton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Diesel	200,824	200,824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Subtotal Production Transmission	57,443,518	43,956,108	13,487,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Lines	10,711,225	303,276	306,781	8,146,139	1,411,968	-	-	-	-	-	-	-	-	-	-	-	543,062
17	Terminal Stations	7,749,078	-	-	6,810,065	568,684	-	-	-	-	-	-	-	-	-	-	-	370,329
18	Term Shns - Hydrolic	930,929	462,790	468,139	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Term Shns - Holyrood	396,428	352,187	44,241	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Term Shns - Gas TurDsl	9,923	9,923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Term Shns - Distribution	381,353	-	-	-	-	381,353	-	-	-	-	-	-	-	-	-	-	-
22	Subtotal Term Shns	9,467,711	824,900	512,380	6,810,065	568,684	381,353	-	-	-	-	-	-	-	-	-	-	370,329
23	Subtotal Transmission	20,178,936	1,128,176	819,161	14,956,204	1,980,652	381,353	-	-	-	-	-	-	-	-	-	-	913,390
Distribution																		
24	Substations	1,291,292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Land & Land Improvements	43,713	-	-	-	-	32,958	4,199	-	-	3,823	2,734	-	-	-	-	-	-
26	Poles	4,179,458	-	-	-	-	2,417,181	826,078	-	-	427,843	508,356	-	-	-	-	-	-
27	Primary Conductor & Eqpt	547,959	-	-	-	-	486,039	61,919	-	-	-	-	-	-	-	-	-	-
28	Submarine Conductor	178,060	-	-	-	-	178,060	-	-	-	-	-	-	-	-	-	-	-
29	Transformers	761,905	-	-	-	-	-	-	275,048	486,857	-	-	-	-	-	-	-	-
30	Secondary Conductor&Eqpt	42,305	-	-	-	-	-	-	-	-	-	17,641	-	-	-	-	-	-
31	Services	116,962	-	-	-	-	-	-	-	-	-	-	116,962	-	-	-	-	-
32	Meters	516,551	-	-	-	-	-	-	-	-	-	-	-	-	516,551	-	-	-
33	Street Lighting	207,811	-	-	-	-	-	-	-	-	-	-	-	-	-	207,811	-	-
34	Subtotal Distribution	7,886,016	-	-	-	-	1,291,292	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-
35	Subtl Prod, Trans, & Dist	85,508,470	45,084,284	14,306,571	14,956,204	1,980,652	1,672,645	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	913,390
36	General	11,618,932	5,450,288	1,925,616	2,389,889	329,278	221,507	417,759	113,972	34,836	61,663	60,356	68,494	20,114	61,615	17,163	375,105	91,274
37	NLSO	10,963	5,780	1,834	1,917	254	214	399	114	35	62	59	68	15	66	27	117	-
38	Telecontrol - Cusmr & Spec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	GEC and AFUDC	383,174	202,028	64,110	67,021	8,876	7,485	13,955	3,998	1,233	2,182	2,045	2,389	524	2,315	931	-	4,093
41	Software - General	2,990,596	1,576,790	500,362	523,082	69,272	58,500	108,918	31,204	9,620	17,027	15,960	18,492	4,091	18,066	7,268	-	31,945
42	Total Depreciation Expense	100,512,135	52,319,170	16,798,492	17,918,114	2,388,332	1,960,361	3,655,270	1,041,484	320,771	567,792	534,749	618,155	141,706	598,613	233,200	375,105	1,040,820

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Secondary Lines Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Average Net Book Value		2,102,740,030	758,094,653	476,193,027	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,593,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	3,543,749	28,319,660
2	Cash Working Capital (Including Muskkrat Falls)		116,490,187	41,997,863	26,380,729	33,222,829	3,027,263	3,606,074	3,166,435	870,671	309,332	547,543	438,634	501,384	108,999	417,010	130,212	196,321	1,568,887
3	Fuel Inventory - No. 6 Fuel		53,963,965	-	53,963,965	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuel Inventory - Diesel		180,546	180,546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Fuel Inventory - Gas Turbine		7,763,006	7,763,006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Inventory/Supplies		39,481,123	15,246,676	8,016,128	9,990,619	1,500,760	785,820	1,566,930	427,485	130,664	231,286	226,384	256,909	75,445	126,407	64,375	86,271	748,965
7	Deferred Charges: Muskkrat Falls		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Deferred Charges:		47,775	42,443	5,332	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Foreign Exchange Loss and		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Regulatory Costs		101,068,768	36,438,024	22,888,347	28,824,663	2,626,502	3,128,688	2,747,250	755,408	268,381	475,057	380,566	435,009	94,570	361,805	112,974	170,331	1,361,192
9	Retired Asset Pool		28,866,724	10,407,235	6,537,248	8,232,747	750,168	893,599	784,655	215,756	76,654	135,683	108,695	124,245	27,010	103,337	32,267	48,649	388,776
10	Total Rate Base		2,450,602,123	870,170,446	593,984,776	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481
11	Less: Rural Asset Portion		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Rate Base Available for Equity Return		2,450,602,123	870,170,446	593,984,776	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481
13	Return on Debt		73,763,124	26,192,130	17,878,942	20,467,073	1,882,730	2,212,551	1,969,200	541,367	191,698	339,322	273,066	312,075	68,434	256,931	80,977	121,764	974,863
14	Return on Equity		45,826,260	16,272,187	11,107,515	12,715,424	1,169,670	1,374,575	1,223,390	336,331	119,095	210,808	169,646	193,880	42,515	159,622	50,308	75,647	605,646
15	Return on Rate Base		119,589,384	42,464,318	28,986,457	33,182,497	3,052,400	3,587,126	3,192,590	877,699	310,793	550,130	442,712	505,955	110,949	416,553	131,285	197,412	1,580,509

Schedule 26A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	Basis of Functional Classification	19
1	Average Net Book Value	Sch. 2.3 , L. 42	
2	Cash Working Capital (Including Muskrat F. Prorated on Average Net Book Value, L. 1		
3	Fuel Inventory - No. 6 Fuel	Production - Demand, Energy ratios Sch.4.1 L.10	
4	Fuel Inventory - Diesel	Production - Demand, Energy ratios Sch.4.1 L.12	
5	Fuel Inventory - Gas Turbine	Production - Demand, Energy ratios Sch.4.1 L.11	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 42	
7	Deferred Charges: Muskrat Falls Deferred Charges: Foreign Exchange Loss and Regulatory Costs	Production - Demand, Energy ratios Sch.4.1 L.3	
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1	
9	Total Rate Base	Prorated on Average Net Book Value, L. 1	
10			
11	Less: Rural Asset Portion	N/A	
12	Rate Base Available for Equity Return		
13	Return on Debt	L.10 x Sch.1.1 p2 L.16	
14	Return on Equity	L.12 x Sch.1.1 p2 L.19	
15	Return on Rate Base		

Ratios Excluding Return on Equity

Schedule 3.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	19		20	
		Revenue Related		PUB	
		Municipal Tax (Prior Year (Rural Revenues)		Assessment (Prior Year (Revenues + RSP)	
Amounts					
1	Newfoundland Power	-		484,507,755	
2	Industrial - Firm	-		43,914,366	
3	Industrial - Non-Firm	-		-	
Rural					
4	1.1 Domestic	13,704,053		13,704,053	
5	1.12 Domestic All Electric	17,350,913		17,350,913	
6	1.3 Special	19,223		19,223	
7	2.1 GS 0-10 kW	9,465,475		9,465,475	
8	2.2 GS 10-100 kW	-		-	
9	2.3 GS 110-1,000 kVa	6,141,548		6,141,548	
10	2.4 GS Over 1,000 kVa	3,400,344		3,400,344	
11	4.1 Street and Area Lighting	993,685		993,685	
12	Subtotal Rural	51,075,241		51,075,241	
13	Total	51,075,241		579,497,362	
Ratios Excluding Return on Equity					
14	Newfoundland Power	-		0.8361	
15	Industrial - Firm	-		0.0758	
16	Industrial - Non-Firm	-		-	
Rural					
17	1.1 Domestic	0.2683		0.0236	
18	1.12 Domestic All Electric	0.3397		0.0299	
19	1.3 Special	0.0004		0.0000	
20	2.1 GS 0-10 kW	0.1853		0.0163	
21	2.2 GS 10-100 kW	-		-	
22	2.3 GS 110-1,000 kVa	0.1202		0.0106	
23	2.4 GS Over 1,000 kVa	0.0666		0.0059	
24	4.1 Street and Area Lighting	0.0195		0.0017	
25	Subtotal Rural	1.0000		0.0681	
26	Total	1.0000		1.0000	

Island Interconnected

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		19	20
		Municipal Tax	PUB Assessment (\$)
1	Allocated Rev Reqmt Excl Return		
2	Newfoundland Power	-	814,682
3	Industrial - Firm	-	73,840
	Industrial - Non-Firm	-	-
	Rural		
4	1.1 Domestic	384,123	23,043
5	1.12 Domestic All Electric	486,344	29,175
6	1.3 Special	539	32
7	2.1 GS 0-10 kW	265,316	15,916
8	2.2 GS 10-100 kW	-	-
9	2.3 GS 110-1,000 kVa	172,147	10,327
10	2.4 GS Over 1,000 kVa	95,311	5,718
11	4.1 Street and Area Lighting	27,853	1,671
12	Subtotal Rural	1,431,632	85,881
13	Total	1,431,632	974,404
	Allocated Return on Debt		
14	Newfoundland Power	-	-
15	Industrial - Firm	-	-
16	Industrial - Non-Firm	-	-
	Rural		
17	1.1 Domestic	-	-
18	1.12 Domestic All Electric	-	-
19	1.3 Special	-	-
20	2.1 GS 0-10 kW	-	-
21	2.2 GS 10-100 kW	-	-
22	2.3 GS 110-1,000 kVa	-	-
23	2.4 GS Over 1,000 kVa	-	-
24	4.1 Street and Area Lighting	-	-
25	Subtotal Rural	-	-
26	Total	-	-
	Allocated Return on Equity		
27	Newfoundland Power	-	-
28	Industrial - Firm	-	-
29	Industrial - Non-Firm	-	-
	Rural		
30	1.1 Domestic	-	-
31	1.12 Domestic All Electric	-	-
32	1.3 Special	-	-
33	2.1 GS 0-10 kW	-	-
34	2.2 GS 10-100 kW	-	-
35	2.3 GS 110-1,000 kVa	-	-
36	2.4 GS Over 1,000 kVa	-	-
37	4.1 Street and Area Lighting	-	-
38	Subtotal Rural	-	-
39	Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service StudyAllocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Total Amount	Production		Transmission		Rural Prod & Distribution		Primary Lines		Line Transformers		Secondary Lines		Services		Meters		Street Lighting		Specifically Assigned Customer
			Demand (\$)	Energy (\$)	Demand (\$)	Energy (\$)	Substations Demand (\$)	Demand		Demand		Demand		Customer		Customer		Customer			
								(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
Total Revenue Requirement																					
40	Newfoundland Power	576,852.156	278,355.449	226,902.661	68,039.915	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,739,450 (\$)	
41	Industrial - Firm	42,807.591	15,492.970	23,139.694	3,688.532	-	-	-	-	-	-	-	-	-	-	-	-	-	-	412,554 (\$)	
42	Industrial - Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural																					
43	1.1 Domestic	27,169.204	5,475.791	4,469.007	1,303.664	3,147.734	2,552.985	3,467.266	1,399.461	341.774	854.933	512.386	825.647	155.455	525.761	-	1,729.173	-	-	-	
44	1.12 Domestic All Electric	30,204.655	6,355.769	6,025.130	1,513.167	3,653.585	2,963.259	4,024.467	1,060.941	396.699	648.130	594.728	625.929	117.851	398.593	-	1,310.898	-	-	-	
45	1.3 Special	82,800	22,026	14,169	5,244	12,661	10,269	13,947	122	1,375	74	2,061	72	14	46	-	150	-	-	-	
46	2.1 GS 0-10 kW	13,139.730	2,520.786	2,991.385	600.143	1,449.062	1,175.269	1,596.159	370.324	157.336	226.231	235.877	218.482	196.225	663.649	-	457.572	-	-	-	
47	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48	2.3 GS 110-1,000 kVa	7,612.206	1,677.241	2,227.293	399.314	964.154	781.982	1,062.028	10,167	96.478	6,211	144.639	5,998	9,508	32,158	-	12,562	-	-	-	
49	2.4 GS Over 1,000 kVa	4,748.875	1,021.551	1,602.710	243.211	587.240	476.284	646.852	974	25,088	595	3,582	575	911	3,081	-	1,204	-	-	-	
50	4.1 Street and Area Lighting	1,435.326	104.295	85.294	24.830	59.954	46.626	66.040	128.636	6,510	78.594	9,759	75.892	-	-	558.441	158.943	-	-	-	
51	Subtotal Rural	84,391.797	17,177.469	17,414.987	4,089.573	9,874.391	8,008.674	10,876.758	2,970.625	1,025.239	1,814.759	1,537.032	1,752.595	479.963	1,623.277	558.441	3,670.502	-	-	-	
52	Total	704,051.544	311,023.889	267,457.342	75,818.020	9,874.391	8,008.674	10,876.758	2,970.625	1,025.239	1,814.759	1,537.032	1,752.595	479.963	1,623.277	558.441	3,670.502	-	-	3,152,004	
Re-classification of Revenue-Related																					
53	Newfoundland Power	-	393.674	320.905	96.228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,874	
54	Industrial - Firm	-	26.771	39.983	6.373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	713	
55	Industrial - Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural																					
56	1.1 Domestic	0	83.313	67.995	19.835	47.892	38.843	52.754	21,293	5,200	13,008	7,796	12,562	2,365	7,999	-	26,309	-	-	-	
57	1.12 Domestic All Electric	-	110.361	104.620	26.274	63.440	51.454	69.880	18,422	6,888	11,254	10,327	10,869	2,046	6,921	-	22,762	-	-	-	
58	1.3 Special	0	153	98	36	88	71	97	1	10	1	14	0	0	0	-	1	-	-	-	
59	2.1 GS 0-10 kW	0	55.133	65.425	13.126	31.693	25.705	34.910	8,099	3,441	4,948	5,159	4,778	4,292	14,515	-	10,008	-	-	-	
60	2.2 GS 10-100 kW	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61	2.3 GS 110-1,000 kVa	61	41.193	54.702	9.807	23.680	19.205	26.083	250	2,369	153	3,552	147	234	790	-	309	-	-	-	
62	2.4 GS Over 1,000 kVa	(0)	22.205	34.838	5.287	12.765	10.353	14.060	21	545	13	817	12	20	67	-	26	-	-	-	
63	4.1 Street and Area Lighting	-	2,190	1,791	521	1,259	1,021	1,387	2,702	1,37	1,650	205	1,594	-	-	11,728	3,338	-	-	-	
64	Subtotal Rural	0	314.549	329.470	74.887	180.817	146.652	199.172	50,787	18,590	31,026	27,870	29,963	8,957	30,292	11,728	62,753	-	-	-	
65	Total	0	734.993	690.359	177.488	180.817	146.652	199.172	50,787	18,590	31,026	27,870	29,963	8,957	30,292	11,728	62,753	4,587	-	-	
Total Allocated Revenue Requirement																					
66	Newfoundland Power	576,852.156	278,749.124	227,223.566	68,136.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,743,324	
67	Industrial - Firm	42,807.591	15,519.741	23,179.678	3,694.905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	413,267	
68	Industrial - Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural																					
69	1.1 Domestic	27,169.204	5,559.105	4,537.003	1,323.499	3,195.626	2,591.829	3,520.020	1,420.754	346.974	867.941	520.182	838.210	157.820	533.760	-	1,755.483	-	-	-	
70	1.12 Domestic All Electric	30,204.655	6,466.130	6,129.749	1,539.442	3,717.026	3,014.712	4,094.348	1,079.363	403.587	669.384	605.055	636.797	119.897	405.504	-	1,333.660	-	-	-	
71	1.3 Special	82,800	22,179	14,267	5,280	12,749	10,340	14,044	123	1,384	75	2,075	72	14	46	-	151	-	-	-	
72	2.1 GS 0-10 kW	13,139.730	2,575.918	3,056.810	613.269	1,480.755	1,200.974	1,631.069	378.423	160.777	231.179	241.036	223.260	200.516	678.164	-	467.579	-	-	-	
73	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
74	2.3 GS 110-1,000 kVa	7,612.206	1,718.434	2,281.995	409.121	987.834	801.188	1,068.111	10,416	98.847	6,363	148.191	6,145	9,742	32,948	-	12,870	-	-	-	
75	2.4 GS Over 1,000 kVa	4,748.875	1,043.767	1,637.547	248.498	600.004	486.637	660.912	995	25,613	608	38,399	587	931	3,148	-	1,230	-	-	-	
76	4.1 Street and Area Lighting	1,435.326	106.485	87.085	25.352	61,213	49,647	67,426	131,338	6,646	80,234	9,964	77,466	-	-	570.169	162.281	-	-	-	
77	Subtotal Rural	84,391.797	17,492.018	17,744.457	4,164.467	10,055.208	8,155.326	11,075.930	3,021.412	1,043.829	1,845.785	1,564.902	1,782.558	488.920	1,653.569	570.169	3,733.255	-	-	-	
78	Total	704,051.544	311,760.882	268,147.701	75,995.508	10,055.208	8,155.326	11,075.930	3,021.412	1,043.829	1,845.785	1,564.902	1,782.558	488.920	1,653.569	570.169	3,733.255	-	-	3,156.591	

Schedule 3.2A
Page 4 of 4

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

	19	20
	Revenue Related	
Line No.	Municipal Tax (\$)	PUB Assessment (\$)
		Basis of Proration
Total Revenue Requirement		
40 Newfoundland Power	-	814,682
41 Industrial - Firm	-	73,840
42 Industrial - Non-Firm	-	-
Rural		
43 1.1 Domestic	384,123	23,043
44 1.1.2 Domestic-All Electric	486,344	29,175
45 1.3 Special	539	32
46 2.1 GS 0-10 kW	265,316	15,916
47 2.2 GS 10-100 kW	-	-
48 2.3 GS 110-1,000 kVa	172,147	10,327
49 2.4 GS Over 1,000 kVa	95,311	5,718
50 4.1 Street and Area Lighting	27,853	1,671
51 Subtotal Rural	1,431,632	85,881
52 Total	1,431,632	974,404
Re-classification of Revenue-Related		
53 Newfoundland Power	-	(814,682)
54 Industrial - Firm	-	(73,840)
55 Industrial - Non-Firm	-	-
Rural		
56 1.1 Domestic	(384,123)	(23,043)
57 1.1.2 Domestic-All Electric	(486,344)	(29,175)
58 1.3 Special	(539)	(32)
59 2.1 GS 0-10 kW	(265,316)	(15,916)
60 2.2 GS 10-100 kW	-	-
61 2.3 GS 110-1,000 kVa	(172,147)	(10,327)
62 2.4 GS Over 1,000 kVa	(95,311)	(5,718)
63 4.1 Street and Area Lighting	(27,853)	(1,671)
64 Subtotal Rural	(1,431,632)	(85,881)
65 Total	(1,431,632)	(974,404)
Total Allocated Revenue Requirement		
66 Newfoundland Power	-	-
67 Industrial - Firm	-	-
68 Industrial - Non-Firm	-	-
Rural		
69 1.1 Domestic	-	-
70 1.1.2 Domestic-All Electric	-	-
71 1.3 Special	-	-
72 2.1 GS 0-10 kW	-	-
73 2.2 GS 10-100 kW	-	-
74 2.3 GS 110-1,000 kVa	-	-
75 2.4 GS Over 1,000 kVa	-	-
76 4.1 Street and Area Lighting	-	-
77 Subtotal Rural	-	-
78 Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Interconnected

Allocation of Specifically Assigned Amounts to Classes of Service

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Description		Total Amount (\$)	Transmission Lines (\$ (Plant))	Transmission Terminals (\$ (Plant))	OM&A Administrative & General (\$ (C3 & C4))	Other (\$ (C3 & C4))	Transmission Lines (\$ (Direct))	Transmission Terminals (\$ (Direct))	Depreciation Telecontrol & Feasibility Study (\$ (Direct))	General (\$ (Exp C3,4,6))	Rental Income (\$ (Plant))	Expense Credits Other (\$ (C6))	Gains/Losses (\$ (NBV))	Subtotal Excluding Return (\$)	Return on Debt (\$ (NBV))	Return on Equity (\$ (NBV))	Subtotal Exd Rev Related (\$)	Revenue Related (\$)
Basis of Allocation - Amounts																		
1 Newfoundland Power Industrial			28,117,625	14,054,941	42,172,565	42,172,565	-	-	-	391,617	42,172,565	42,172,565	24,396,729	-	24,396,729	24,396,729	-	-
2 Vale			668,081	3,422,177	4,090,259	4,090,259	-	-	-	86,509	4,090,259	4,090,259	2,197,177	-	2,197,177	2,197,177	-	-
3 Corner Brook P & P - CB			-	16,570	16,570	16,570	-	-	-	3,679	16,570	16,570	(4,394)	-	(4,394)	(4,394)	-	-
4 Corner Brook P & P - DL			-	56,030	56,030	56,030	-	-	-	-	56,030	56,030	11,326	-	11,326	11,326	-	-
5 North Atlantic Refining Limited			-	1,820,569	1,820,569	1,820,569	-	-	-	34,958	1,820,569	1,820,569	658,707	-	658,707	658,707	-	-
6 Teck Resources			4,534,363	947,903	5,482,265	5,482,265	-	-	-	8,049	5,482,265	5,482,265	(72)	-	(72)	(72)	-	-
7 Marathon Gold			7,347,720	2,357,740	9,705,459	9,705,459	-	-	-	7,723	9,705,459	9,705,459	0	-	0	0	-	-
8 Subtotal Industrial			12,550,164	8,620,989	21,171,152	21,171,152	-	-	-	140,918	21,171,152	21,171,152	2,862,745	-	2,862,745	2,862,745	-	-
9 Total			40,667,788	22,675,929	63,343,717	63,343,717	-	-	-	532,535	63,343,717	63,343,717	27,259,474	-	27,259,474	27,259,474	-	-
Basis of Allocation - Ratios																		
10 Newfoundland Power Industrial			0.6914	0.6198	0.6658	0.6658	-	-	-	0.7354	0.6658	0.6658	0.8950	-	0.8950	0.8950	-	-
12 Vale			0.0164	0.1509	0.0646	0.0646	-	-	-	0.1624	0.0646	0.0646	0.0806	-	0.0806	0.0806	-	-
13 Corner Brook P & P - CB			-	0.0007	0.0003	0.0003	-	-	-	0.0069	0.0003	0.0003	(0.0002)	-	(0.0002)	(0.0002)	-	-
14 Corner Brook P & P - DL			-	0.0025	0.0009	0.0009	-	-	-	-	0.0009	0.0009	0.0004	-	0.0004	0.0004	-	-
15 North Atlantic Refining Ltd.			-	0.0803	0.0287	0.0287	-	-	-	0.0656	0.0287	0.0287	0.0242	-	0.0242	0.0242	-	-
16 Teck Resources			0.1115	0.0418	0.0865	0.0865	-	-	-	0.0151	0.0865	0.0865	(0.0000)	-	(0.0000)	(0.0000)	-	-
17 Marathon Gold			0.1807	0.1040	0.1532	0.1532	-	-	-	0.0145	0.1532	0.1532	0.0000	-	0.0000	0.0000	-	-
18 Subtotal Industrial			0.3086	0.3802	0.3342	0.3342	-	-	-	0.2646	0.3342	0.3342	0.1050	-	0.1050	0.1050	-	-
19 Total			1.0000	1.0000	1.0000	1.0000	-	-	-	1.0000	1.0000	1.0000	1.0000	-	1.0000	1.0000	-	-
Amounts Allocated																		
20 Newfoundland Power Industrial		2,743,324	-	227,683	-	163,934	536,015	304,821	-	93,709	(79)	(1,160)	-	1,324,923	872,485	542,042	2,739,450	3,874
21 Vale		285,041	-	50,296	-	36,214	7,047	43,021	-	20,701	(8)	(112)	-	157,157	78,576	48,816	284,550	492
22 Corner Brook P & P - CB		4,560	-	2,139	-	1,540	-	247	-	880	(0)	(0)	-	4,807	(157)	(98)	4,552	8
23 Corner Brook P & P - DL		1,262	-	-	-	-	-	605	-	-	(0)	(2)	-	603	405	252	1,260	2
24 North Atlantic Refining Ltd.		103,152	-	20,324	-	14,634	-	21,512	-	8,365	(3)	(50)	-	64,782	23,557	14,635	102,974	178
25 Teck Resources		9,950	-	4,679	-	3,369	-	123	-	1,926	(10)	(151)	-	9,937	(3)	(2)	9,933	17
26 Marathon Gold		9,302	-	4,490	-	3,233	(0)	-	-	1,848	(18)	(267)	-	9,286	0	0	9,286	16
27 Subtotal Industrial		413,267	-	81,929	-	58,990	7,047	65,508	-	33,720	(40)	(582)	-	246,571	102,379	63,604	412,554	713
28 Total		3,156,591	-	309,611	-	222,924	543,062	370,329	-	127,430	(119)	(1,742)	-	1,571,495	974,863	605,646	3,152,004	4,587

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Expenses																			
1	Operating & Maintenance		12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	286,694	96,441	1,787,728		30,171
2	Fuels		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Fuels-Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuels-Gas Turbine		159,728	159,728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Power Purchases-CF(L)Co		1,554,061	515,843	1,038,217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Power Purchases-Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Depreciation		6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	388,338	161,496	184,765	44,474	272,690	91,199	164,902		6,704
Expense Credits																			
8	Sundry		(41,444)	(3,291)	(164)	(15,304)	(2,566)	(4,743)	(1,362)	(1,068)	(1,890)	(752)	(838)	(288)	(938)	(315)	(5,847)		(99)
9	Building Rental Income		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Tax Refunds		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Suppliers' Discounts		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pole Attachments		(249,068)	-	-	-	-	(144,048)	(49,229)	-	-	(25,497)	(30,295)	-	-	-	-	-	-
13	Secondary Energy Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Wheeling Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Application Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Meter Test Revenues		(7,848)	-	-	-	-	-	-	-	-	-	-	-	-	-	(7,848)	-	-
17	Total Expense Credits		(298,359)	(3,291)	(164)	(15,304)	(2,566)	(148,790)	(50,591)	(1,068)	(1,890)	(26,248)	(31,132)	(288)	(938)	(315)	(13,695)		(99)
18	Subtotal Expenses		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935		36,776
19	Disposal Gain / Loss		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal Revenue Requirement Ex. Return		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935		36,776
21	Return on Debt		5,377,680	411,380	-	2,792,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249		4,921
22	Return on Equity		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128		3,057
23	Total Revenue Requirement		29,211,220	2,762,341	1,088,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313		44,754

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18			19	20	
		Municipal Tax	Revenue Related	PUB Assessment		Basis of Functional Classification	
	Expenses						
1	Operating & Maintenance						
2	Fuels	571,245		34,268		Carryforward from Sch.2.4 L.24	
3	Fuels-Diesel	-		-		-	
4	Fuels-Gas Turbine	-		-		Production - Demand	
5	Power Purchases -CF(L)Co	-		-		Production - Demand	
6	Power Purchases-Other	-		-		Carryforward from Sch.4.4 L.17	
7	Depreciation	-		-		Carryforward from Sch.4.4 L.18	
						Carryforward from Sch.2.5 L.24	
	Expense Credits						
8	Sundry	(1,868)		(112)		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
9	Building Rental Income	-		-		Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.18	
10	Tax Refunds	-		-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
11	Suppliers' Discounts	-		-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Pole Attachments	-		-		Prorated on Distribution Poles - Sch.4.1 L.37	
13	Secondary Energy Revenues	-		-		Production - Energy	
14	Wheeling Revenues	-		-		Transmission - Demand, Energy ratios Sch.4.1 L.16	
15	Application Fees	-		-		Accounting - Customer	
16	Meter Test Revenues	-		-		Meters - Customer	
17	Total Expense Credits	(1,868)		(112)			
18	Subtotal Expenses	569,376		34,156			
19	Disposal Gain / Loss	-		-		Prorated on Total Net Book Value - Sch.2.3 L.24	
20	Subtotal Revenue Requirement Ex. Return	569,376		34,156			
21	Return on Debt	-		-		Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-		Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	569,376		34,156			

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONT'D.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.9
2	Diesel	Production - Demand, Energy ratios Sch.4.1 L.9
3	Subtotal Production	
	Transmission	
4	Lines	Production, Transmission - Demand, Distribution - Primary Demand; Spec Assigned - Custrmr
5	Terminal Stations	Production, Transmission - Demand; Spec Assigned - Custrmr
6	Subtotal Transmission	
	Distribution	
7	Substations	Production - Demand; Dist Substns - Demand
8	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
9	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
10	Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
11	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
12	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
13	Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch. 4.1 L.41
14	Services	Services Customer
15	Meters	Meters - Customer
16	Street Lighting	Street Lighting - Customer
17	Subtotal Distribution	
18	Subttl Prod, Trans, & Dist	
19	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
20	Telecontrol - Specific	Specifically Assigned - Customer
21	Feasibility Studies	Production, Transmission - Demand
22	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.18
23	Software - Cust Acctg	
24	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO										
2027 Test Year Cost of Service Study										
Labrador Interconnected										
Functional Classification of Net Book Value										
Line No.	Description	1	2	3	4	5	6	Primary Lines		Line Transfer
								Production Demand (\$)	Production Energy (\$)	
Production										
1	Gas Turbines		10,673,663	10,673,663	-	-	-	-	-	-
2	Diesel		384,172	384,172	-	-	-	-	-	-
3	Subtotal Production		11,057,835	11,057,835	-	-	-	-	-	-
Transmission										
4	Lines		3,536,019	-	-	3,536,019	-	-	-	-
5	Terminal Stations		86,402,412	-	-	73,946,857	12,394,404	-	-	-
6	Subtotal Transmission		89,938,431	-	-	77,482,876	12,394,404	-	-	-
Distribution										
7	Substations		9,162,491	-	-	-	9,162,491	-	-	-
8	Land & Land Improvements		602,147	-	-	-	453,989	-	57,836	-
9	Poles		17,476,092	-	-	-	10,107,263	-	3,454,184	-
10	Primary Conductor & Eopt		3,429,399	-	-	-	3,041,877	-	387,522	-
11	Submarine Conductor		71,524	-	-	-	71,524	-	-	-
12	Transformers		9,301,909	-	-	-	-	-	3,357,989	-
13	Secondary Conductor& Eopt		322,268	-	-	-	-	-	-	-
14	Services		580,745	-	-	-	-	-	-	-
15	Meters		3,208,535	-	-	-	-	-	-	-
16	Street Lighting		1,011,870	-	-	-	-	-	-	-
17	Subtotal Distribution		45,166,980	-	-	-	9,162,491	13,674,652	3,899,543	3,357,989
18	Subtl Prod, Trans, & Dist		146,163,246	11,057,835	-	77,482,876	21,556,895	13,674,652	3,899,543	3,357,989
19	General		12,481,459	826,355	-	5,118,627	640,888	1,409,138	404,657	317,298
20	Telecontrol - Specific		-	-	-	-	-	-	-	-
21	Feasibility Studies		-	-	-	-	-	-	-	-
22	Software - General		1,017,004	76,940	-	539,126	149,993	95,148	27,133	23,365
23	Software - Cust Acting		-	-	-	-	-	-	-	-
24	Total Net Book Value		159,861,709	11,961,131	-	83,140,629	22,347,776	15,178,938	4,331,333	3,693,632

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Labrador Interconnected
Functional Classification of Operating & Maintenance Expense

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																		
1	Gas Turbine / Diesel	443,265	443,265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Other	16,244	16,244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	459,509	459,509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																		
4	Transmission Lines	2,626,439	-	-	2,626,439	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	210,591	-	-	143,351	40,429	-	-	-	-	-	-	-	-	-	-	-	26,812
6	Other	100,147	-	-	76,509	20,279	-	-	-	-	-	-	-	-	-	-	-	3,359
7	Subtotal Transmission	2,937,178	-	-	2,846,299	60,708	-	-	-	-	-	-	-	-	-	-	-	30,171
Distribution																		
8	Other	2,155,257	-	-	-	295,669	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	52,115	-	-	-
9	Meters	167,282	-	-	-	-	-	-	-	-	-	-	-	-	167,282	-	-	-
10	Subtotal Distribution	2,322,539	-	-	-	295,669	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	167,282	-	-	-
11	Subtl Prod, Trans, & Dist	5,719,226	459,509	-	2,846,299	356,377	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	167,282	52,115	-	30,171
12	Customer Accounting	1,221,301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,221,301	-
	Conservation and Demand Management	74,931	24,872	50,059	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Administrative & General:																	
	Plant-Related:																	
13	Production	180,309	180,309	-	-	53,507	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission	255,382	-	-	201,874	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution	611,761	-	-	-	79,959	211,905	60,852	47,715	84,459	33,580	37,436	12,855	-	28,908	14,094	-	-
16	Prod, Trans, Distn Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Prod, Trans, Distn & General Plt	634,360	86,071	-	219,107	86,430	92,036	26,430	20,724	36,683	14,585	16,259	5,583	13,110	6,121	11,220	-	-
18	Property Insurance	214,760	45,082	-	108,716	45,268	3,786	1,087	852	1,509	600	669	230	808	252	5,901	-	-
	Revenue-Related:																	
19	Municipal Tax	571,245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	PUB Assessment	34,268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	All Expense-Related	3,108,085	206,674	-	1,280,186	160,288	352,430	101,206	79,357	140,469	55,848	62,261	21,379	75,239	23,440	549,307	-	-
22	Prod, Trans & Distn Expense-Related	45,804	3,700	-	22,916	2,869	6,309	1,812	1,421	2,515	1,000	1,115	383	1,347	420	-	-	-
23	Subtotal Admin & General	5,655,974	521,835	-	1,832,800	428,322	666,466	191,387	150,069	265,635	105,612	117,739	40,429	-	119,412	44,326	566,428	-
Total Operating & Maintenance Expenses		12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	286,694	96,441	1,787,728	-	30,171

Schedule 24E
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	18			Basis of Functional Classification	20
		Municipal Tax	Revenue Related	PUB Assessment		
	Production					
1	Gas Turbine / Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9	
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9	
3	Subtotal Production					
	Transmission					
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.4	
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.5	
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.6	
7	Subtotal Transmission					
	Distribution					
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 17, less L. 15	
9	Meters	-	-	-	Meters - Customer	
10	Subtotal Distribution					
11	Subttl Prod, Trans, & Dist					
12	Customer Accounting Conservation and Demand Management Administrative & General:	-	-	-	Accounting - Customer	
	Plant-Related:					
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.3	
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L. 6	
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.17	
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission, Distribution Plant in Service - Sch.2.2 L. 18	
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.24	
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.3, 5, 7, 19 - 20	
19	Revenue-Related:					
20	Municipal Tax	571,245	-	-	Revenue-related	
21	PUB Assessment	-	-	34,268	Revenue-related	
22	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12	
23	Prod,Trans & Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	
	Subtotal Admin & General	571,245		34,268		
24	Total Operating & Maintenance Expenses	571,245		34,268		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Depreciation Expense

Line No.	Description	1	2	3	4	5	Transmission & Distribution Expenses										15	16	17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
							Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)		Substations Demand (\$)		Primary Lines (\$)		Line Transformers (\$)				Distribution (\$)		Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Production																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

Schedule 2.6E
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		Basis of Functional Classification	
1	Average Net Book Value	Sch. 2.3, L. 24	
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1	
3	Fuel Inventory - No. 6 Fuel		
4	Fuel Inventory - Diesel	Production - Demand	
5	Fuel Inventory - Gas Turbine	Production - Demand	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 24	
	Deferred Charges:		
	Foreign Exchange Loss and Regulatory		
7	Costs		
8	Retire Asset Pool	Prorated on Average Net Book Value, L. 1	
9	Total Rate Base	Prorated on Average Net Book Value, L. 1	
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt	L.9 x Sch.1.1,p2,L.16	
13	Return on Equity	L.11 x Sch.1.1,p2,L.19	
14	Return on Rate Base		

Schedule 3.1E
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	1	18		19	
		Municipal Tax (Prior Year)	PUB Assessment (Prior Year)	Revenue Related	
		(Rural Revenues)	(Revenues + RSP)		
Amounts					
1	CFB - Goose Bay Secondary	-	-		
2	Labrador Industrial Firm	-	-		
3	Labrador Industrial Non-Firm	-	-		
Rural					
4	1.1Domestic	94,365	94,365		
5	1.1A Domestic All Electric	10,520,637	10,520,637		
6	2.1GS 0-10 kW	345,486	345,486		
7	2.2GS 10-100 kW	2,208,779	2,208,779		
8	2.3GS 110-1,000 kVa	3,539,649	3,539,649		
9	2.4GS Over 1,000 kVa	3,243,034	3,243,034		
10	4.1Street and Area Lighting	361,265	361,265		
11	Subtotal Rural	20,313,216	20,313,216		
12	Total Labrador Interconnected	20,313,216	20,313,216		
Ratios					
13	CFB - Goose Bay Secondary	-	-		
14	Labrador Industrial Firm	-	-		
15	Labrador Industrial Non-Firm	-	-		
Rural					
16	1.1Domestic	0.0046	0.0046		
17	1.1A Domestic All Electric	0.5179	0.5179		
18	2.1GS 0-10 kW	0.0170	0.0170		
19	2.2GS 10-100 kW	0.1087	0.1087		
20	2.3GS 110-1,000 kVa	0.1743	0.1743		
21	2.4GS Over 1,000 kVa	0.1597	0.1597		
22	4.1Street and Area Lighting	0.0178	0.0178		
23	Subtotal Rural	1.0000	1.0000		
24	Total Labrador Interconnected	1.0000	1.0000		
Ratios Excluding Labrador Industrial					
25	CFB - Goose Bay Secondary	-	-		
Rural					
26	1.1Domestic	0.0046	0.0046		
27	1.1A Domestic All Electric	0.5179	0.5179		
28	2.1GS 0-10 kW	0.0170	0.0170		
29	2.2GS 10-100 kW	0.1087	0.1087		
30	2.3GS 110-1,000 kVa	0.1743	0.1743		
31	2.4GS Over 1,000 kVa	0.1597	0.1597		
32	4.1Street and Area Lighting	0.0178	0.0178		
33	Subtotal Rural	1.0000	1.0000		

Labrador Interconnected

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service																	
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Distribution											Specifically Assigned Customer (\$)	
							Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)			
							Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)							
1	Allocated Rev Reqmt Excl Return																		
2	CFB - Goose Bay Secondary	5,745,324	1,042,820	36,097	4,629,631	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Labrador Industrial Firm																	36,776	
	Labrador Industrial Non-Firm																	-	
Rural:																			
4	1'Domestic	160,727	4,783	3,425	10,828	7,097	10,558	17,376	2,869	24,995	1,922	10,621	2,525	10,670	-	50,253	-	-	
5	1.1A Domestic All Electric	9,049,493	570,294	482,877	1,291,031	846,159	1,258,792	554,611	342,074	797,785	229,186	339,002	80,587	340,549	-	1,603,964	-	-	
6	2 TIGS 0-10 kW	237,724	6,657	13,353	8,752	13,020	23,020	3,538	33,947	2,370	2,370	14,425	6,438	27,207	-	68,252	-	-	
7	2.2GS 10-100 kW	1,431,773	107,473	112,673	243,298	159,461	237,222	41,775	63,768	60,091	42,724	25,535	28,955	122,359	-	120,815	-	-	
8	2.3GS 110-1,000 kVa	2,040,373	198,390	233,230	449,115	294,356	437,900	10,823	113,001	15,569	75,709	6,616	13,241	55,954	-	31,301	-	-	
9	2.4GS Over 1,000 kVa	1,483,657	163,997	211,697	371,255	243,326	361,985	3,830	18,543	475	12,424	202	404	956	-	956	-	-	
10	4'Street and Area Lighting	343,518	1,729	1,457	3,915	2,566	3,817	21,920	1,037	31,531	695	13,399	-	187,324	-	63,394	-	-	
11	Subtotal Rural	14,747,265	1,052,566	1,052,016	2,382,795	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935	-	-	
12	Total	20,492,589	2,095,386	1,088,118	7,072,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935	-	36,776	
Allocated Return on Debt																			
13	CFB - Goose Bay Secondary																	-	
14	Labrador Industrial Firm	2,113,708	271,595	-	1,837,193	-	-	-	-	-	-	-	-	-	-	-	-	4,921	
15	Labrador Industrial Non-Firm																	-	
16	MFP Construction																	-	
Rural:																			
17	1'Domestic	28,200	635	-	4,297	3,416	2,341	3,810	660	5,748	406	2,257	439	2,268	-	1,924	-	-	
18	1.1A Domestic All Electric	1,926,396	75,738	-	512,324	407,298	279,094	121,613	78,661	183,454	48,373	72,022	13,997	72,400	-	61,422	-	-	
19	2 TIGS 0-10 kW	40,068	783	-	5,299	4,213	2,887	5,175	814	7,806	500	3,065	1,118	5,784	-	2,614	-	-	
20	2.2GS 10-100 kW	327,927	14,273	-	96,549	76,756	52,596	9,160	14,664	13,818	9,017	5,425	5,029	26,013	-	4,626	-	-	
21	2.3GS 110-1,000 kVa	508,066	26,347	-	178,224	141,688	97,089	2,373	25,985	3,580	15,980	1,406	2,300	11,896	-	1,199	-	-	
22	2.4GS Over 1,000 kVa	374,069	21,779	-	147,326	117,125	80,258	72	4,264	117,125	2,622	43	70	363	-	37	-	-	
23	4'Street and Area Lighting	59,255	230	-	1,554	1,235	846	4,807	239	7,251	147	2,847	-	37,673	-	2,428	-	-	
24	Subtotal Rural	3,263,972	139,785	-	945,573	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	-	-	
25	Total	5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	-	4,921	
Allocated Return on Equity																			
26	CFB - Goose Bay Secondary																	-	
27	Labrador Industrial Firm	1,313,168	168,732	-	1,141,379	-	-	-	-	-	-	-	-	-	-	-	-	3,057	
28	Labrador Industrial Non-Firm																	-	
29	MFP Construction																	-	
Rural:																			
30	1'Domestic	17,520	395	-	2,670	2,122	1,454	2,367	410	3,571	252	1,402	272	1,409	-	1,196	-	-	
31	1.1A Domestic All Electric	1,196,798	47,053	-	318,288	253,039	173,391	75,554	48,869	113,973	30,052	44,745	8,696	44,979	-	38,159	-	-	
32	2 TIGS 0-10 kW	24,886	487	-	3,292	2,617	1,793	2,676	505	4,850	311	1,904	695	3,593	-	1,624	-	-	
33	2.2GS 10-100 kW	203,729	8,667	-	59,982	47,686	32,676	5,691	9,110	8,585	5,602	3,124	3,124	16,161	-	2,874	-	-	
34	2.3GS 110-1,000 kVa	315,642	16,368	-	110,724	88,025	60,318	1,474	16,144	2,224	9,928	873	1,429	7,390	-	745	-	-	
35	2.4GS Over 1,000 kVa	232,395	13,531	-	91,528	72,765	49,861	45	2,649	68	1,629	27	44	226	-	23	-	-	
36	4'Street and Area Lighting	36,813	143	-	965	767	526	2,986	148	4,505	91	1,768	-	23,405	-	1,508	-	-	
37	Subtotal Rural	2,027,783	86,843	-	587,449	467,022	320,019	91,332	77,836	137,715	47,865	54,089	14,259	73,759	-	46,128	-	-	
38	Total	3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,715	47,865	54,089	14,259	73,759	-	46,128	-	3,057	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related		
		18	19	19
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration
1	Allocated Rev Reqmt Excl Return	-	-	-
2	CFB - Goose Bay Secondary	-	-	-
3	Labrador Industrial Firm	-	-	-
	Labrador Industrial Non-Firm	-	-	-
	Rural:			
4	1.1Domestic	2,645	159	
5	1.1A Domestic All Electric	294,892	17,690	
6	2.1GS 0-10 kW	9,684	581	
7	2.2GS 10-100 kW	61,912	3,714	
8	2.3GS 110-1,000 kVa	99,216	5,952	
9	2.4GS Over 1,000 kVa	90,902	5,453	
10	4.1 Street and Area Lighting	10,126	607	
11	Subtotal Rural	569,376	34,156	
12	Total	569,376	34,156	
	Allocated Return on Debt			
13	CFB - Goose Bay Secondary	-	-	-
14	Labrador Industrial Firm	-	-	-
15	Labrador Industrial Non-Firm	-	-	-
16	MFP Construction	-	-	-
	Rural:			
17	1.1Domestic	-	-	-
18	1.1A Domestic All Electric	-	-	-
19	2.1GS 0-10 kW	-	-	-
20	2.2GS 10-100 kW	-	-	-
21	2.3GS 110-1,000 kVa	-	-	-
22	2.4GS Over 1,000 kVa	-	-	-
23	4.1 Street and Area Lighting	-	-	-
24	Subtotal Rural	-	-	-
25	Total	-	-	-
	Allocated Return on Equity			
26	CFB - Goose Bay Secondary	-	-	-
27	Labrador Industrial Firm	-	-	-
28	Labrador Industrial Non-Firm	-	-	-
29	MFP Construction	-	-	-
	Rural:			
30	1.1Domestic	-	-	-
31	1.1A Domestic All Electric	-	-	-
32	2.1GS 0-10 kW	-	-	-
33	2.2GS 10-100 kW	-	-	-
34	2.3GS 110-1,000 kVa	-	-	-
35	2.4GS Over 1,000 kVa	-	-	-
36	4.1 Street and Area Lighting	-	-	-
37	Subtotal Rural	-	-	-
38	Total	-	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)																								
Line No.	Description	Labrador Interconnected																						
		Allocation of Functionalized Amounts to Classes of Service (CONT'D.)																						
		Total Amount		Production Demand		Production Energy		Transmission Demand		Substations Demand		Primary Lines		Line Transformers		Secondary Lines		Services		Street Lighting		Accounting		
													</											

Schedule 3.2E
Page 4 of 4

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related			Basis of Proration
		18	19	19	
		Municipal Tax (\$)	PUB Assessment (\$)		
39	Total Revenue Requirement	-	-	-	
40	CFB - Goose Bay Secondary	-	-	-	
41	Labrador Industrial Firm	-	-	-	
42	Labrador Industrial Non-Firm	-	-	-	
	MFP Construction	-	-	-	
	Rural:				
43	1:1Domestic	2,645	159		
44	1:1A Domestic All Electric	294,892	17,690		
45	2:1GS 0-10 kW	9,684	581		
46	2:2GS 10-100 kW	61,912	3,714		
47	2:3GS 110-1,000 kVa	99,216	5,952		
48	2:4GS Over 1,000 kVa	90,902	5,453		
49	4:1 Street and Area Lighting	10,126	607		
50	Subtotal Rural	569,376	34,156		
51	Total	569,376	34,156		
	Re-classification of Revenue-Related				
52	CFB - Goose Bay Secondary	-	-	-	Re-classification to demand, energy and customer is based on rate class revenue
53	Labrador Industrial Firm	-	-	-	requirements excluding revenue-related items.
54	Labrador Industrial Non-Firm	-	-	-	
55	MFP Construction	-	-	-	
	Rural:				
56	1:1Domestic	(2,645)	(159)		
57	1:1A Domestic All Electric	(294,892)	(17,690)		
58	2:1GS 0-10 kW	(9,684)	(581)		
59	2:2GS 10-100 kW	(61,912)	(3,714)		
60	2:3GS 110-1,000 kVa	(99,216)	(5,952)		
61	2:4GS Over 1,000 kVa	(90,902)	(5,453)		
62	4:1 Street and Area Lighting	(10,126)	(607)		
63	Subtotal Rural	(569,376)	(34,156)		
64	Total	(569,376)	(34,156)		
	Total Allocated Revenue Requirement				
65	CFB - Goose Bay Secondary	-	-	-	
66	Labrador Industrial Firm	-	-	-	
67	Labrador Industrial Non-Firm	-	-	-	
68	MFP Construction	-	-	-	
	Rural:				
69	1:1Domestic	-	-	-	
70	1:1A Domestic All Electric	-	-	-	
71	2:1GS 0-10 kW	-	-	-	
72	2:2GS 10-100 kW	-	-	-	
73	2:3GS 110-1,000 kVa	-	-	-	
74	2:4GS Over 1,000 kVa	-	-	-	
75	4:1 Street and Area Lighting	-	-	-	
76	Subtotal Rural	-	-	-	
77	Total	-	-	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Revenue Requirement																
		Island Isolated																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
Expenses																		
1	Operating & Maintenance	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Fuels-Diesel	2,124,200	-	2,124,200	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Power Purchases -CFLCo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Power Purchases-Other	177,100	-	177,100	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Depreciation	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-	
Expense Credits																		
8	Sundry	(18,852)	(8,800)	(5,347)	-	(323)	(1,544)	(495)	(196)	(346)	(319)	(345)	(167)	(123)	(145)	(561)	-	
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Pole Attachments	(20,860)	-	-	-	-	(12,065)	(4,123)	-	-	(2,135)	(2,537)	-	-	-	-	-	
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Application Fees	(216)	-	-	-	-	-	-	-	-	-	-	-	-	-	(216)	-	
16	Meter Test Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Total Expense Credits	(39,928)	(8,800)	(5,347)	-	(323)	(13,609)	(4,618)	(196)	(346)	(2,454)	(2,882)	(167)	(123)	(145)	(777)	-	
18	Subtotal Expenses	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Subtotal Revenue Requirement Ex. Return	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	
21	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
22	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
23	Total Revenue Requirement	10,404,667	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,832	121,602	132,328	63,723	57,134	71,837	183,156	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Revenue Requirement (CONTD.)

Line No.	1	Description	Revenue Related		Basis of Functional Classification	20
			18 Municipal Tax	19 PUB Assessment		
		Expenses				
1		Operating & Maintenance	40,605	2,436	Carryforward from Sch.2.4 L.25	
2		Fuels	-	-	Production - Energy	
3		Fuels-Diesel	-	-	Production - Energy	
4		Fuels-Gas Turbine	-	-	Production - Energy	
5		Power Purchases -CF(L)Co	-	-	-	
6		Power Purchases-Other	-	-	-	
7		Depreciation	-	-	Carryforward from Sch.2.5 L.23	
		Expense Credits				
8		Sundry	(133)	(8)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
9		Building Rental Income	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
10		Tax Refunds	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
11		Suppliers' Discounts	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
12		Pole Attachments	-	-	Prorated on Distribution Poles - Sch.4.1 L.37	
13		Secondary Energy Revenues	-	-	Production - Energy	
14		Wheeling Revenues	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
15		Application Fees	-	-	Accounting - Customer	
16		Meter Test Revenues	-	-	Meters - Customer	
17		Total Expense Credits	(133)	(8)		
18		Subtotal Expenses	40,472	2,428		
19		Disposal Gain / Loss	-	-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20		Subtotal Revenue Requirement Ex. Return	40,472	2,428		
21		Return on Debt	-	-	Prorated on Rate Base - Sch.2.6 L.9	
22		Return on Equity	-	-	Prorated on Rate Base - Sch.2.6 L.11	
23		Total Revenue Requirement	40,472	2,428		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines Customer (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		651,069	121,854	-	-	529,215	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		32,475	-	-	-	-	24,484	3,119	-	-	2,840	2,031	-	-	-	-	-
8 Poles		3,975,794	-	-	-	-	2,299,392	785,624	-	-	406,994	483,584	-	-	-	-	-
9 Primary Conductor & Equipment		253,596	-	-	-	-	224,940	26,656	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		894,252	-	-	-	-	-	322,825	571,427	-	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		199,639	-	-	-	-	-	-	-	-	116,390	83,250	-	-	-	-	-
13 Services		276,111	-	-	-	-	-	-	-	-	-	-	276,111	-	-	-	-
14 Meters		196,359	-	-	-	-	-	-	-	-	-	-	-	196,359	-	-	-
15 Street Lighting		239,198	-	-	-	-	-	-	-	-	-	-	-	-	239,198	-	-
16 Subtotal Distribution		6,718,493	121,854	-	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
Subtotal Prod, Trans. & Dist		15,208,700	5,386,194	3,225,867	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
18 General		3,753,373	2,029,573	1,240,180	-	24,777	119,332	38,279	15,114	26,753	24,637	26,633	12,927	10,376	11,199	173,592	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		66,082	23,403	14,016	-	2,299	11,075	3,552	1,403	2,483	2,286	2,472	1,200	853	1,039	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Plant		19,028,155	7,439,171	4,480,064	-	556,291	2,679,223	859,430	339,342	600,663	553,147	597,970	290,238	207,588	251,437	173,592	-

Schedule 228
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18	Description	Basis of Functional Classification
	Production			
1	Diesel			Production - Demand, Energy ratios Sch.4.1 L.6
2	Subtotal Production			
3	Transmission			
4	Lines			Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Cuslthr
5	Subtotal Transmission			Production, Transmission - Demand; Spec Assigned - Cuslthr
6	Distribution			
7	Substation Structures & Equipment			Production - Demand; Dist Substns - Demand
8	Land & Land Improvements			Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
9	Poles			Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
10	Primary Conductor & Equipment			Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
11	Submarine Conductor			Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
12	Transformers			Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
13	Secondary Conductors & Equipment			Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
14	Services			Services Customer
15	Meters			Meters - Customer
16	Subtotal Distribution			Street Lighting - Customer
17	Subtl Prod, Trans, & Dist			
18	General			Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
19	Telecontrol - Specific			Specifically Assigned - Customer
20	Feasibility Studies			Production, Transmission - Demand
21	Software - General			Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22	Software - Cust Acctg			Customer Accounting
23	Total Plant			

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmissior Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1	Diesel	15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6	Substation Structures & Equipment	1,012,596	14,673	-	-	997,923	-	-	-	-	-	-	-	-	-	-	-
7	Land & Land Improvements	7,638	-	-	-	-	-	734	-	-	-	688	478	-	-	-	-
8	Poles	1,747,765	-	-	-	-	5,759	345,449	-	-	178,915	212,584	-	-	-	-	-
9	Primary Conductor & Equipment	115,113	-	-	-	-	1,010,817	13,008	-	-	-	-	-	-	-	-	-
10	Submarine Conductor	-	-	-	-	-	102,105	-	-	-	-	-	-	-	-	-	-
11	Transformers	434,841	-	-	-	-	-	-	158,978	277,864	-	-	-	-	-	-	-
12	Secondary Conductors & Equipment	49,456	-	-	-	-	-	-	-	-	28,833	20,623	-	-	-	-	-
13	Services	106,892	-	-	-	-	-	-	-	-	-	-	106,892	-	-	-	-
14	Meters	138,636	-	-	-	-	-	-	-	-	-	-	-	138,636	-	-	-
15	Street Lighting	192,904	-	-	-	-	-	-	-	-	-	-	-	-	192,904	-	-
16	Subtotal Distribution	3,805,842	14,673	-	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
17	Subtl Prod, Trans, & Dist	19,744,328	9,897,307	6,055,853	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
18	General	1,636,872	885,111	540,851	-	10,805	52,041	16,694	6,591	11,667	10,744	11,615	5,638	4,525	4,884	75,705	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Software - General	137,381	68,865	42,137	-	6,944	7,784	2,499	1,092	1,933	1,450	1,626	744	965	1,342	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Operating & Maintenance Expense																Specifically Assigned Customer (\$)
		Island Isolated																
		Distribution																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)		
Production																		
1	Diesel	2,065,682	1,280,823	784,859	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Other	208,062	129,008	79,053	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Subtotal Production	2,273,744	1,409,831	863,912	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transmission																		
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution																		
8	Other	212,712	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	-	7,801	-	-	
9	Meters	7,228	-	-	-	-	-	-	-	-	-	-	-	7,228	-	-	-	
10	Subtotal Distribution	219,940	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
11	Subtltl Prod, Trans, & Dist	2,493,683	1,413,805	863,912	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
12	Customer Accounting	120,925	-	-	-	-	-	-	-	-	-	-	-	-	-	120,925	-	
Administrative & General:																		
Plant-Related:																		
13	Production	962,970	597,088	365,882	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Distribution	862,064	15,635	-	-	67,905	327,044	104,908	41,422	73,321	67,521	72,992	35,428	25,195	30,692	-	-	
16	Prod, Trans, Distn Plant	157,713	55,855	33,452	-	5,488	26,431	8,478	3,348	5,926	5,457	5,899	2,863	2,036	2,480	-	-	
17	Prod, Trans, Distn and Gen Plt	1,547	605	364	-	45	218	70	28	49	45	49	24	17	20	14	-	
18	Property Insurance	16,132	9,277	5,587	-	693	149	48	19	33	31	33	16	13	14	217	-	
19	Revenue Related:																	
20	Municipal Tax	40,605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	PUB Assessment	2,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	All Expense-Related	1,085,807	587,132	358,770	-	7,168	34,521	11,074	4,372	7,739	7,127	7,705	3,740	3,002	3,240	50,218	-	
23	Prod, Trans, and Distn Expense-Related	19,971	11,323	6,919	-	138	666	214	84	149	137	149	72	58	62	-	-	
24	Subtotal Admin & General	3,149,246	1,276,915	770,974	-	81,437	389,029	124,791	49,273	87,218	80,318	86,827	42,143	30,321	36,509	50,450	-	
25	Total Operating & Maintenance Expenses	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	

Schedule 2.4B
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	1	18	19	20
	Description	Municipal Tax	Revenue Related Assessment	Basis of Functional Classification
	Production			
1	Diesel	-	-	Production - Demand, Energy ratios Sch.4.1 L6
2	Other	-	-	Production - Demand, Energy ratios Sch.4.1 L6
3	Subtotal Production		-	
	Transmission			
4	Transmission Lines	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3
5	Terminal Stations	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4
6	Other	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
7	Subtotal Transmission		-	
	Distribution			
8	Other	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16 less L. 14
9	Meters	-	-	Meters - Customer
10	Subtotal Distribution		-	
11	Subttl Prod, Trans, & Dist		-	
12	Customer Accounting	-	-	Accounting - Customer
	Administrative & General:			
13	Plant-Related:			
14	Production	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2
15	Transmission	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
16	Distribution	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16
17	Prod, Trans, Distn Plant	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17
18	Prod, Trans, Distn and Gen Plt	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23
19	Property Insurance	-	-	Prorated on Prod., Trans, Terminal, Dist, Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19
20	Revenue Related:			
21	Municipal Tax	40,605	-	Revenue-related
22	PUB Assessment	-	2,436	Revenue-related
	All Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12
23	Prod, Trans and Distn Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11
24	Subtotal Admin & General	40,605	2,436	
25	Total Operating & Maintenance Expenses	40,605	2,436	

Island Isolated Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6										14	15	16	17			
						Production		Transmitter Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)					Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
						Demand (\$)	Energy (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)								
Production																						
1	Diesel	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-					
2	Subtotal Production	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-					
Transmission																						
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Distribution																						
6	Substn Struct & Eqpt	35,648	1,494	-	-	34,153	-	-	-	-	-	-	-	-	-	-	-					
7	Land & Land Improvements	213	-	-	-	-	160	20	-	19	13	-	-	-	-	-	-					
8	Poles	102,292	-	-	-	-	59,161	20,218	-	10,471	12,442	-	-	-	-	-	-					
9	Primary Conductor & Equipment	6,118	-	-	-	-	5,427	691	-	-	-	-	-	-	-	-	-					
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
11	Transformers	23,984	-	-	-	-	-	-	8,658	15,326	-	-	-	-	-	-	-					
12	Secondary Conductors & Equipment	2,459	-	-	-	-	-	-	-	1,434	1,025	-	-	-	-	-	-					
13	Services	5,237	-	-	-	-	-	-	-	-	-	-	5,237	-	-	-	-					
14	Meters	10,386	-	-	-	-	-	-	-	-	-	-	-	10,386	-	-	-					
15	Street Lighting	14,935	-	-	-	-	-	-	-	-	-	-	-	-	14,935	-	-					
16	Subtotal Distribution	201,272	1,494	-	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-					
17	Subtotal Prod Tran & Dist	906,778	438,942	268,058	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-					
18	General	175,004	94,630	57,824	-	1,155	5,564	1,785	705	1,247	1,149	1,242	603	484	522	8,094	-					
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
20	GEC and AFUDC	3,921	1,898	1,159	-	148	280	91	37	66	52	58	23	45	65	-	-					
21	Software - General	31,714	15,352	9,375	-	1,194	2,265	732	303	536	417	471	183	363	522	-	-					
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
23	Total Depreciation Expense	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-					

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Isolated																		
Functional Classification of Rate Base																		
Line No.	Description	2	3	4	5	6	7		8		9		10		11		16	17
							Substations		Primary Lines		Line Transformers		Secondary Lines		Services			
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Assigned Customer (\$)
1	Average Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-	
2	Cash Working Capital	13,981	7,050	4,313	-	660	766	246	107	189	143	160	74	94	129	49	-	
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	206,653	-	206,653	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	217,603	85,073	51,233	-	6,362	30,639	9,828	3,881	6,869	6,326	6,838	3,319	2,374	2,875	1,985	-	
Deferred Charges:																		
Foreign Exchange Loss and Regulatory																		
7	Costs	1,034,296	521,570	319,098	-	48,819	56,645	18,187	7,914	14,009	10,604	11,869	5,445	6,927	9,571	3,639	-	
8	Retired Asset Pool	2,870,021	1,447,280	885,449	-	135,464	157,182	50,467	21,962	38,874	29,424	32,934	15,108	19,223	26,559	10,097	-	
9	Total Rate Base	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Rate Base Available for Equity Return	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
12	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
13	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
14	Return on Rate Base	1,262,023	630,118	395,553	-	58,900	69,478	22,307	9,688	17,149	13,035	14,578	6,696	8,430	11,627	4,464	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
Deferred Charges:		
7	Foreign Exchange Loss and Regulatory Costs	Prorated on Average Net Book Value, L. 1
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Island Isolated Basis of Allocation to Classes of Service

Line No.	Description	2	3	4	5	6						7						15	16	17			
						Total Amount	Production Demand	Production Energy	Transmissior Demand	Substations		Primary Lines		Line Transformers		Distribution					Meters Customer	Street Lighting Customer	Accounting Customer
										Demand	(CP kW)	Demand	(CP kW)	Demand	(Rural Cust)	Demand	(CP kW)						
Amounts																							
1	1.2 Domestic Diesel	-	1,417	4,210	1,417	1,355	545	1,262	545	1,262	545	545	545	-	545	-	-						
2	1.2G Government Domestic Diesel	-	11	29	11	11	11	3	10	3	10	3	3	-	3	-	-						
3	1.2.3 Churches, Schools & Com Halls	-	54	265	54	51	15	48	15	48	15	15	15	-	15	-	-						
4	2.1 GS 0-10 kW	-	103	594	103	98	63	92	63	92	63	63	118	-	118	-	-						
5	2.2 GS 10-100 kW	-	214	889	214	205	7	191	7	191	7	7	33	-	33	-	-						
6	2.2 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
7	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
8	4.1 Street and Area Lighting	-	11	36	11	11	34	10	34	10	34	34	-	-	34	-	-						
9	4.1G Govt Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
10	Total	-	1,809	6,022	1,809	1,730	666	1,612	666	1,612	666	714	714	-	34	666	-						
Ratios																							
11	1.2 Domestic Diesel	-	0.7830	0.6990	0.7830	0.7830	0.8174	0.7830	0.8174	0.7830	0.8174	0.7831	0.7831	-	0.8174	-	-						
12	1.2G Government Domestic Diesel	-	0.0061	0.0049	0.0061	0.0061	0.0045	0.0061	0.0045	0.0061	0.0045	0.0042	0.0045	-	0.0045	-	-						
13	1.2.3 Churches, Schools & Com Halls	-	0.0296	0.0440	0.0296	0.0296	0.0236	0.0296	0.0236	0.0296	0.0236	0.0210	0.0210	-	0.0225	-	-						
14	2.1 GS 0-10 kW	-	0.0569	0.0987	0.0569	0.0569	0.0940	0.0569	0.0940	0.0569	0.0940	0.1648	0.1648	-	0.0940	-	-						
15	2.2 GS 10-100 kW	-	0.1184	0.1476	0.1184	0.1184	0.0105	0.1184	0.0105	0.1184	0.0105	0.0468	0.0468	-	0.0105	-	-						
16	2.2 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
17	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
18	4.1 Street and Area Lighting	-	0.0061	0.0059	0.0061	0.0061	0.0510	0.0061	0.0510	0.0061	0.0510	-	-	-	1.0000	0.0510	-						
19	4.1G Govt Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20	Total	-	1,0000	1,9000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	-	1,0000	1,0000	-						

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Basis of Allocation to Classes of Service (CONT'D.)

Line No.	Description	18		19	
		Municipal Tax (Rural Revenues)	PUB Assessment (Prior Year (Revenues + RSP)		
Amounts					
1	1.2 Domestic Diesel	658,743	658,743		
2	1.2G Government Domestic Diesel	-	-		
3	1.23 Churches, Schools & Com Halls	43,910	43,910		
4	2.1 GS 0-10 kW	205,170	205,170		
5	2.2 GS 10-100 kW	491,702	491,702		
6	2.3 GS 110-1,000 kVa	-	-		
7	2.4 GS Over 1,000 kVa	-	-		
8	4.1 Street and Area Lighting	38,040	38,040		
9	4.1G Gov't Street and Area Lighting	6,323	6,323		
10	Total	1,443,889	1,443,889		
Ratios					
11	1.2 Domestic Diesel	0.4562	0.4562		
12	1.2G Government Domestic Diesel	-	-		
13	1.23 Churches, Schools & Com Halls	0.0304	0.0304		
14	2.1 GS 0-10 kW	0.1421	0.1421		
15	2.2 GS 10-100 kW	0.3405	0.3405		
16	2.3 GS 110-1,000 kVa	-	-		
17	2.4 GS Over 1,000 kVa	-	-		
18	4.1 Street and Area Lighting	0.0263	0.0263		
19	4.1G Gov't Street and Area Lighting	0.0044	0.0044		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service																Specifically Assigned Customer (\$)
		Island Isolated																
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmissior Demand (\$)	Substations		Primary Lines		Line Transformers		Distribution		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	
Demand (\$)	Demand (\$)					Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			
Allocated Revenue Requirement Excluding Return																		
1	1.2 Domestic Diesel	6,757,294	2,531,252	-	-	105,725	416,091	139,262	54,270	100,280	85,008	96,247	43,519	37,167	-	146,060	-	-
2	1.2G Government Domestic Diesel	48,553	19,622	-	-	820	3,226	767	421	553	659	530	240	205	-	805	-	-
3	1.23 Churches, Schools & Com Halls	325,166	95,658	-	-	3,995	15,724	3,836	2,051	2,763	3,213	2,651	1,199	1,024	-	4,024	-	-
4	2.1 GS 0-10 kW	731,952	183,957	-	-	7,683	30,239	16,023	3,944	11,538	6,178	11,074	9,401	8,029	-	16,805	-	-
5	2.2 GS 10-100 kW	1,138,127	382,631	-	-	15,982	62,898	1,790	8,204	1,289	12,850	1,237	2,669	2,279	-	1,878	-	-
6	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	4.1 Street and Area Lighting	141,363	19,622	-	-	820	3,226	8,696	421	6,262	659	6,010	-	-	60,209	9,120	-	-
9	4.1G Gov't Street and Area Lighting	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Total	9,142,643	3,232,743	-	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	-
Allocated Return on Debt and Equity																		
11	1.2 Domestic Diesel	947,551	493,385	-	-	46,119	54,402	18,233	7,586	14,017	10,206	11,916	5,110	6,433	-	3,649	-	-
12	1.2G Government Domestic Diesel	6,911	3,825	-	-	358	422	100	59	-	79	66	28	35	-	20	-	-
13	1.23 Churches, Schools & Com Halls	42,153	18,645	-	-	1,743	2,056	502	287	386	386	328	141	177	-	101	-	-
14	2.1 GS 0-10 kW	91,473	35,856	-	-	3,352	3,954	2,098	551	1,613	742	1,371	1,104	1,390	-	420	-	-
15	2.2 GS 10-100 kW	152,169	74,582	-	-	6,972	8,224	234	1,147	180	1,543	153	313	395	-	47	-	-
16	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	4.1 Street and Area Lighting	21,690	3,825	-	-	358	422	1,139	59	875	79	744	-	-	11,627	228	-	-
19	4.1G Gov't Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Total	1,261,946	630,118	-	-	58,900	69,478	22,307	9,688	17,071	13,035	14,578	6,696	8,430	11,627	4,464	-	-

NEWFOUNDLAND & LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	1	Description	18	19
			Municipal Tax (\$)	PUB Assessment (\$)
			Basis of Proration	
Allocated Revenue Requirement Excluding Return				
1		1.2 Domestic Diesel	18,464	1,108
2		1.2G Government Domestic Diesel	-	-
3		1.23 Churches, Schools & Com Halls	1,231	74
4		2.1 GS 0-10 kW	5,751	345
5		2.2 GS 10-100 kW	13,782	827
6		2.3 GS 110-1,000 kVa	-	-
7		2.4 GS Over 1,000 kVa	-	-
8		4.1 Street and Area Lighting	1,066	64
9		4.1G Gov't Street and Area Lighting	177	11
10		Total	40,472	2,428
Allocated Return on Debt and Equity				
11		1.2 Domestic Diesel	-	-
12		1.2G Government Domestic Diesel	-	-
13		1.23 Churches, Schools & Com Halls	-	-
14		2.1 GS 0-10 kW	-	-
15		2.2 GS 10-100 kW	-	-
16		2.3 GS 110-1,000 kVa	-	-
17		2.4 GS Over 1,000 kVa	-	-
18		4.1 Street and Area Lighting	-	-
19		4.1G Gov't Street and Area Lighting	-	-
20		Total	-	-

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)																	
Line No.	Description	1	2	3	4	5	Distribution						15	16	17		
							Production Demand (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers				Secondary Lines	
			Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)				
Total Revenue Requirement																	
21	1.2 Domestic Diesel		7,704,844	3,024,638	3,259,334	-	151,844	470,493	157,496	61,855	114,297	95,215	108,163	48,629	43,600	-	149,709
22	1.2G Government Domestic Diesel		55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825
23	1.23 Churches, Schools & Com Halls		367,319	114,303	205,125	-	5,738	17,780	4,339	2,338	3,149	3,988	2,980	1,340	1,201	-	4,124
24	2.1 GS 0-10 kW		823,425	219,814	460,008	-	11,035	34,193	18,121	4,495	13,151	6,920	12,445	10,505	9,418	-	17,225
25	2.2 GS 10-100 kW		1,290,296	457,213	688,192	-	22,953	71,121	2,025	9,350	1,469	14,393	1,391	2,982	2,674	-	1,925
26	2.3 GS 110-1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	2.4 GS Over 1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	4.1 Street and Area Lighting		163,053	23,447	27,524	-	1,177	3,647	9,834	479	7,137	738	6,754	-	71,837	-	9,348
29	4.1G Gov't Street and Area Lighting		188	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Total		10,404,589	3,862,961	4,662,809	-	193,925	600,882	192,682	78,997	139,755	121,602	132,328	63,723	57,134	71,837	183,156
Re-capitalization of Revenue-Related																	
31	1.2 Domestic Diesel		(0)	7,703	8,301	-	387	1,198	401	158	291	242	275	124	111	-	381
32	1.2G Government Domestic Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	1.23 Churches, Schools & Com Halls		-	407	731	-	20	63	15	8	11	13	11	5	4	-	15
34	2.1 GS 0-10 kW		-	1,639	3,431	-	82	255	135	34	98	52	93	78	70	-	128
35	2.2 GS 10-100 kW		-	5,236	7,881	-	263	814	23	107	17	165	16	34	31	-	22
36	2.3 GS 110-1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	2.4 GS Over 1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	4.1 Street and Area Lighting		(188)	164	192	-	8	25	69	3	50	5	47	-	501	-	65
39	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Total		(188)	15,149	20,536	-	761	2,357	644	310	467	477	442	241	216	501	612
Total Allocated Revenue Requirement																	
41	1.2 Domestic Diesel		7,704,844	3,032,340	3,267,635	-	152,231	471,692	157,897	62,013	114,588	95,457	108,438	48,763	43,711	-	150,090
42	1.2G Government Domestic Diesel		55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825
43	1.23 Churches, Schools & Com Halls		367,319	114,711	205,856	-	5,759	17,844	4,354	2,346	3,160	3,611	2,990	1,344	1,205	-	4,139
44	2.1 GS 0-10 kW		823,425	221,453	463,439	-	11,117	34,448	18,256	4,529	13,249	6,971	12,538	10,583	9,489	-	17,353
45	2.2 GS 10-100 kW		1,290,296	462,449	696,073	-	23,216	71,936	2,048	9,457	1,486	14,558	1,406	3,016	2,704	-	1,947
46	2.3 GS 110-1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	2.4 GS Over 1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	4.1 Street and Area Lighting		163,053	23,610	27,716	-	1,185	3,673	9,903	483	7,187	743	6,801	-	72,338	-	9,413
49	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Total		10,404,402	3,878,010	4,683,345	-	194,685	603,239	193,326	79,307	140,222	122,079	132,770	63,964	57,350	72,338	183,767

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18 Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	19 Basis of Proration (\$)
Total Revenue Requirement				
21	1.2 Domestic Diesel	18,464	1,108	
22	1.2G Government Domestic Diesel	-	-	
23	1.23 Churches, Schools & Com Halls	1,231	74	
24	2.1 GS 0-10 kW	5,751	345	
25	2.2 GS 10-100 kW	13,782	827	
26	2.3 GS 110-1,000 kVa	-	-	
27	2.4 GS Over 1,000 kVa	-	-	
28	4.1 Street and Area Lighting	1,066	64	
29	4.1G Gov't Street and Area Lighting	177	11	
30	Total	40,472	2,428	
Re-classification of Revenue-Related				
31	1.2 Domestic Diesel	(18,464)	(1,108)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.
32	1.2G Government Domestic Diesel	-	-	
33	1.23 Churches, Schools & Com Halls	(1,231)	(74)	
34	2.1 GS 0-10 kW	(5,751)	(345)	
35	2.2 GS 10-100 kW	(13,782)	(827)	
36	2.3 GS 110-1,000 kVa	-	-	
37	2.4 GS Over 1,000 kVa	-	-	
38	4.1 Street and Area Lighting	(1,066)	(64)	
39	4.1G Gov't Street and Area Lighting	(177)	(11)	
40	Total	(40,472)	(2,428)	
Total Allocated Revenue Requirement				
41	1.2 Domestic Diesel	-	-	
42	1.2G Government Domestic Diesel	-	-	
43	1.23 Churches, Schools & Com Halls	-	-	
44	2.1 GS 0-10 kW	-	-	
45	2.2 GS 10-100 kW	-	-	
46	2.3 GS 110-1,000 kVa	-	-	
47	2.4 GS Over 1,000 kVa	-	-	
48	4.1 Street and Area Lighting	-	-	
49	4.1G Gov't Street and Area Lighting	-	-	
50	Total	-	-	

Labrador Isolated

Functional Classification of Revenue Requirement

Line No.	Description	Total Amount (\$)	Distribution															Specifically Assigned Customer (\$)				
			Production			Transmission		Substations		Primary Lines		Line Transformers		Secondary Lines		Services			Meters		Street Lighting	
			Demand (\$)	Energy (\$)		Demand (\$)		Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)
Expenses																						
1	Operating & Maintenance	15,269,542	5,991,478	6,961,659	-	83,194	565,904	166,641	72,366	128,094	90,533	101,676	47,574	70,738	22,397	687,523	-	-	-	-		
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Fuels-Diesel	17,415,200	-	17,415,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Power Purchases-CFLCo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Power Purchases-Other	309,793	-	309,793	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Depreciation	5,466,481	2,204,841	2,565,232	-	37,836	246,484	74,299	39,408	69,755	39,341	44,891	19,722	58,914	28,853	36,904	-	-	-	-		
Expense Credits																						
8	Sundry	(49,941)	(19,596)	(22,769)	-	(272)	(1,851)	(545)	(237)	(419)	(296)	(333)	(156)	(231)	(73)	(2,249)	-	-	-	-		
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Pole Attachments	(107,593)	-	-	-	-	(62,226)	(21,266)	-	-	(11,014)	(13,087)	-	-	-	-	-	-	-	-		
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Application Fees	(1,176)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16	Meter Test Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17	Total Expense Credits	(158,711)	(19,596)	(22,769)	-	(272)	(64,077)	(21,811)	(237)	(419)	(11,310)	(13,419)	(156)	(231)	(73)	(3,425)	-	-	-	-		
18	Subtotal Expenses	38,302,306	8,176,723	27,229,155	-	120,758	748,311	219,129	111,538	197,431	118,564	133,148	67,140	129,420	51,177	721,003	-	-	-	-		
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Subtotal Revenue Requirement Ex.	38,302,306	8,176,723	27,229,155	-	120,758	748,311	219,129	111,538	197,431	118,564	133,148	67,140	129,420	51,177	721,003	-	-	-	-		
21	Return on Debt	3,616,593	1,400,804	1,802,059	-	37,339	142,825	42,315	27,122	48,008	22,662	25,628	15,165	27,260	10,894	14,514	-	-	-	-		
22	Return on Equity	2,246,853	870,267	1,119,551	-	23,197	88,732	26,289	16,850	29,825	14,079	15,922	9,421	16,935	6,768	9,017	-	-	-	-		
23	Total Revenue Requirement	44,165,752	10,447,794	30,150,766	-	181,293	979,867	287,733	155,509	275,264	155,305	174,698	91,727	173,615	68,839	744,534	-	-	-	-		

Schedule 2.1C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Revenue Requirement (CONT'D.)

Line No.	1	Description	18		19	20
			Municipal Tax	Revenue Related	PUB Assessment	Basis of Functional Classification
		Expenses				
1		Operating & Maintenance	263,893	15,830		Carryforward from Sch.2.4 L.24
2		Fuels	-	-	-	Production - Energy
3		Fuels-Diesel	-	-	-	Production - Energy
4		Fuels-Gas Turbine	-	-	-	Production - Energy
5		Power Purchases -CF(L)Co	-	-	-	Carryforward from Sch.4.4 L.20
6		Power Purchases-Other	-	-	-	Carryforward from Sch.2.5 L.23
7		Depreciation	-	-	-	
		Expense Credits				
8		Sundry	(863)	(52)		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24
9		Building Rental Income	-	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17
10		Tax Refunds	-	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24
11		Suppliers' Discounts	-	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24
12		Pole Attachments	-	-	-	Prorated on Distribution Poles - Sch.4.1 L.37
13		Secondary Energy Revenues	-	-	-	Production - Energy
14		Wheeling Revenues	-	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16
15		Application Fees	-	-	-	Accounting - Customer
16		Meter Test Revenues	-	-	-	Meters - Customer
17		Total Expense Credits	(863)	(52)		
18		Subtotal Expenses	263,030	15,779		
19		Disposal Gain / Loss	-	-	-	Prorated on Total Net Book Value - Sch.2.3 L.23
20		Subtotal Revenue Requirement Ex. Return	263,030	15,779		
21		Return on Debt	-	-	-	Prorated on Rate Base - Sch.2.6 L.9
22		Return on Equity	-	-	-	Prorated on Rate Base - Sch.2.6 L.11
23		Total Revenue Requirement	263,030	15,779		

Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	Description	2	3	4	5	6	7		8		9		10		11		12		13	14	15	16	17			
							Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)						Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
												Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)									
Production																										
1	Diesel	101,424,536	46,346,579	55,077,957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Subtotal Production	101,424,536	46,346,579	55,077,957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Transmission																										
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Distribution																										
6	Substation Structures & Equipment	3,834,105	2,361,427	-	-	1,472,678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
7	Land & Land Improvements	102,348	-	-	-	-	77,165	9,831	-	-	-	-	8,950	6,402	-	-	-	-	-	-	-	-				
8	Poles	13,745,724	-	-	-	-	7,949,812	2,716,870	-	-	-	-	1,407,122	1,671,920	-	-	-	-	-	-	-	-				
9	Primary Conductor & Equipment	2,449,563	-	-	-	-	2,172,763	276,801	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
11	Transformers	3,613,059	-	-	-	-	-	-	1,304,314	2,308,744	-	-	215,680	154,268	-	-	-	-	-	-	-	-				
12	Secondary Conductors & Equipment	369,948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
13	Services	857,470	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
14	Meters	1,020,023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
15	Street Lighting	403,680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
16	Subtotal Distribution	26,995,920	2,361,427	-	-	1,472,678	10,199,740	3,003,501	1,304,314	2,308,744	1,631,753	1,832,590	857,470	1,020,023	403,680	-	-	-	-	-	-	-				
Subtotal Prod, Trans, & Dist																										
17		127,820,456	48,708,006	55,077,957	-	1,472,678	10,199,740	3,003,501	1,304,314	2,308,744	1,631,753	1,832,590	857,470	1,020,023	403,680	-	-	-	-	-	-	-				
18	General	16,188,197	6,554,928	7,658,499	-	68,920	477,339	140,561	61,041	108,047	76,365	85,764	40,129	64,777	18,892	832,935	-	-	-	-	-	-				
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
21	Software - General	555,378	211,636	239,313	-	6,399	44,318	13,050	5,667	10,031	7,090	7,963	3,726	4,432	1,754	-	-	-	-	-	-	-				
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total Plant																										
23		144,564,032	55,474,569	62,975,769	-	1,547,997	10,721,397	3,157,113	1,371,022	2,426,823	1,715,207	1,926,317	907,324	1,089,232	424,326	832,935	-	-	-	-	-	-				

Schedule 2.2C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18	Description	Basis of Functional Classification
			Production	
1			Diesel	Production - Demand, Energy ratios Sch.4.1 L.7
2			Subtotal Production	
			Transmission	
3			Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
4			Terminal Stations	Production, Transmission - Demand; Spec Assigned - Custmr
5			Subtotal Transmission	
			Distribution	
6			Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7			Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8			Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9			Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10			Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11			Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12			Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13			Services	Services Customer
14			Meters	Meters - Customer
15			Street Lighting	Street Lighting - Customer
16			Subtotal Distribution	
17			Subttl Prod, Trans, & Dist	
18			General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
19			Telecontrol - Specific	Specifically Assigned - Customer
20			Feasibility Studies	Production, Transmission - Demand
21			Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22			Software - Cust Acctg	Customer Accounting
23			Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Distribution Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Diesel	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission																
4	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Distribution																
8	Substation Structures & Equipment	1,723,562	728,201	-	-	995,362	-	-	-	-	-	-	-	-	-	-	-
9	Land & Land Improvements	24,670	-	-	-	-	18,600	2,370	-	-	2,157	1,543	-	-	-	-	-
10	Poles	4,989,483	-	-	-	-	2,885,658	986,181	-	-	510,763	606,881	-	-	-	-	-
11	Primary Conductor & Equipment	851,171	-	-	-	-	754,989	96,182	-	-	-	-	-	-	-	-	-
12	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Transformers	1,981,705	-	-	-	-	-	-	715,396	1,266,310	-	-	-	-	-	-	-
14	Secondary Conductors & Equipment	115,342	-	-	-	-	-	-	-	-	67,244	48,098	-	-	-	-	-
15	Services	395,847	-	-	-	-	-	-	-	-	-	-	395,847	-	-	-	-
16	Meters	720,172	-	-	-	-	-	-	-	-	-	-	-	720,172	-	-	-
17	Street Lighting	291,251	-	-	-	-	-	-	-	-	-	-	-	-	291,251	-	-
18	Subtotal Distribution	11,093,204	728,201	-	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
19	Subtotal Prod, Trans, & Dist	87,128,823	35,473,155	41,290,665	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
20	General	7,778,683	3,149,746	3,680,029	-	33,117	229,369	67,542	29,331	51,918	36,894	41,211	19,283	31,126	9,078	400,239	-
21	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Software - General	606,243	246,822	287,301	-	6,926	25,461	7,548	4,978	8,811	4,037	4,568	2,754	5,011	2,027	-	-
24	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Total Net Book Value	95,513,749	38,869,723	45,257,995	-	1,035,405	3,914,077	1,159,823	749,704	1,327,039	620,896	702,300	417,884	756,310	302,355	400,239	-

Functional Classification of Operating & Maintenance Expense

Line No.	Description	1	2	3	4	5	6	Distribution						14	15	16	17							
								Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Primary Lines						Line Transformers		Secondary Lines		Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
												Demand (\$)	Customer (\$)					Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			
Production																								
1	Diesel		7,944,573	3,630,322	4,314,250	-	-	-	-	-	-	-	-	-	-	-	-							
2	Other		230,067	105,131	124,937	-	-	-	-	-	-	-	-	-	-	-	-							
3	Subtotal Production		8,174,640	3,735,453	4,439,187	-	-	-	-	-	-	-	-	-	-	-	-							
Transmission																								
4	Transmission Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
5	Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6	Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
7	Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Distribution																								
8	Other		688,366	64,058	-	39,949	276,686	81,475	35,382	62,629	44,264	49,712	23,260	-	10,951	-	-							
9	Meters		37,547	-	-	-	-	-	-	-	-	-	-	37,547	-	-	-							
10	Subtotal Distribution		725,913	64,058	-	39,949	276,686	81,475	35,382	62,629	44,264	49,712	23,260	37,547	10,951	-	-							
11	Subtl Prod, Trans, & Dist		8,900,553	3,799,511	4,439,187	-	-	81,475	35,382	62,629	44,264	49,712	23,260	37,547	10,951	-	-							
Customer Accounting																								
12			482,804	-	-	-	-	-	-	-	-	-	-	-	-	482,804	-							
Administrative & General:																								
Plant-Related:																								
13	Production		678,462	310,027	368,434	-	-	-	-	-	-	-	-	-	-	-	-							
14	Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
15	Distribution		352,550	31,540	-	19,669	136,230	40,115	17,421	30,836	21,794	24,476	11,453	13,624	5,392	-	-							
16	Prod. Trans, Distn Plant		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
17	Prod. Trans, Distn and General Plt		472,077	181,153	205,649	-	5,055	35,011	10,310	4,477	7,925	5,601	6,290	2,943	1,386	2,720	-							
18	Property Insurance		122,558	55,769	63,310	-	1,556	482	142	62	109	77	87	40	65	19	841							
Revenue Related:																								
19	Municipal Tax		263,893	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
20	PUB Assessment		15,830	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
21	All/Expense-Related		3,909,532	1,583,048	1,849,566	-	16,645	115,280	33,946	14,742	26,094	18,442	20,712	9,691	15,644	4,562	201,158							
22	Prod. Trans, and Distn Expense-Related		71,283	30,430	35,553	-	2,216	653	283	502	355	398	186	301	88	-	-							
23	Subtotal Admin & General		5,886,184	2,191,967	2,522,513	-	43,245	289,218	85,166	36,984	65,466	46,269	51,964	24,314	33,191	11,447	204,719							
Total Operating & Maintenance			15,293,542	5,991,478	6,961,699	-	83,194	565,904	166,641	72,366	128,094	90,533	47,574	70,738	22,307	687,523	-							

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	1			Basis of Functional Classification	20		
		18	19	20		18	19	20
		Municipal Tax	Revenue Related PUB Assessment					
Production								
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7			
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7			
3	Subtotal Production	-	-	-				
Transmission								
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3			
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4			
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5			
7	Subtotal Transmission	-	-	-				
Distribution								
8	Other	-	-	-	Prorated on Distribution Plant excluding Meters - Sch. 2.2 L. 16, less L. 14			
9	Meters	-	-	-	Meters - Customer			
10	Subtotal Distribution	-	-	-				
11	Subtotal Prod, Trans, & Dist	-	-	-				
12	Customer Accounting	-	-	-	Accounting - Customer			
Administrative & General:								
Plant-Related:								
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2			
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5			
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16			
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17			
17	Prod, Trans, Distn and General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23			
18	Property Insurance	-	-	-	Prorated on Prod., Trans., Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19			
Revenue Related:								
19	Municipal Tax	263,893	-	-	Revenue-related			
20	PUB Assessment	-	15,830	-	Revenue-related			
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12			
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11			
23	Subtotal Admin & General	263,893	15,830					
24	Total Operating & Maintenance Expenses	263,893	15,830					

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Labrador Isolated
Functional Classification of Depreciation Expense

Line No.	1 Description	2 Total Amount (\$)	3 Production Demand (\$)	4 Production Energy (\$)	5 Transmission Demand (\$)	6 Substations Demand (\$)		7 Primary Lines Demand (\$)		8 Customer (\$)		9 Line Transformers Demand (\$)		10 Customer (\$)		11 Distribution Demand (\$)		12 Secondary Lines Customer (\$)		13 Services Customer (\$)		14 Meters Customer (\$)		15 Street Lighting Customer (\$)		16 Accounting Customer (\$)		17 Specifically Assigned Customer (\$)	
1	Production																												
2	Diesel	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission																												
4	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Distribution																												
6	Substn Struct & Eqpt	73,312	39,828	-	-	33,484	-	524	-	67	-	-	-	-	-	-	-	61	-	44	-	-	-	-	-	-	-	-	-
7	Land & Land Improvements	696	-	-	-	-	-	176,786	-	60,417	-	-	-	-	-	-	-	31,291	-	37,180	-	-	-	-	-	-	-	-	-
8	Poles	305,675	-	-	-	-	-	39,611	-	5,046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Primary Conductor & Equipment	44,658	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Transformers	97,876	-	-	-	-	-	-	-	-	-	35,333	62,543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Secondary Conductors & Equipment	5,597	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,263	-	2,334	-	-	-	-	-	-	-	-	-
13	Services	17,274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,274	-	-	-	-	-	-	-	-	-
14	Meters	53,951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53,951	-	-	-	-	-	-	-
15	Street Lighting	26,970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,970	-	-	-	-	-	-
16	Subtotal Distribution	626,009	39,828	-	-	33,484	216,922	65,530	35,333	62,543	34,615	39,557	17,274	53,951	26,970	-	-	34,615	39,557	17,274	53,951	26,970	-	-	-	-	-	-	-
17	Subtotal Prod Tran & Dist	4,571,938	1,842,945	2,142,812	-	33,484	216,922	65,530	35,333	62,543	34,615	39,557	17,274	53,951	26,970	-	-	34,615	39,557	17,274	53,951	26,970	-	-	-	-	-	-	-
18	General	717,239	290,424	339,320	-	3,054	21,149	6,228	2,704	4,787	3,383	3,800	1,778	2,870	837	-	-	3,383	3,800	1,778	2,870	837	-	-	36,904	-	-	-	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	GEC and AFUDC	17,405	7,016	8,158	-	127	826	249	135	238	132	151	66	205	103	-	-	132	151	66	205	103	-	-	-	-	-	-	-
21	Software - General	159,900	64,456	74,943	-	1,171	7,587	2,292	1,236	2,187	1,211	1,383	604	1,887	943	-	-	1,211	1,383	604	1,887	943	-	-	-	-	-	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total Depreciation Expense	5,466,481	2,204,841	2,565,232	-	37,836	246,484	74,299	39,408	69,755	39,341	44,891	19,722	56,914	28,853	-	-	39,341	44,891	19,722	56,914	28,853	-	-	36,904	-	-	-	-

Labrador Isolated
Functional Classification of Rate Base

Line No.	Description	2	3	4	5	Distribution												16	17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
						Primary Lines			Line Transformers			Secondary Lines			Services					Meters			Street Lighting																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
						Demand	Customer		Demand	Customer		Demand	Customer		Customer		Customer				Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer		Customer	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
Deferred Charges:		
Foreign Exchange Loss and Regulatory		
7	Costs	Prorated on Average Net Book Value, L. 1
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Line No.	Description
1	

[illegible]

Schedule 3.1C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		18	19
		Municipal Tax (Prior Year (Rural Revenues))	PUB Assessment (Prior Year (Revenues + RSP))
Amounts			
1	1.2 Domestic Diesel	3,281,626	3,281,626
2	1.2G Government Domestic Diesel	826,883	826,883
3	1.23 Churches, Schools & Com Halls	210,070	210,070
4	2.1 GS 0-10 kW	1,307,106	1,307,106
5	2.2 GS 10-100 kW	3,170,396	3,170,396
6	2.3 GS 110-1,000 kVa	262,528	262,528
7	2.4 GS Over 1,000 kVa	205,566	205,566
8	4.1 Street and Area Lighting	110,871	110,871
9	4.1G Gov't Street and Area Lighting	8,864	8,864
10	Total	9,383,911	9,383,911
Ratios			
11	1.2 Domestic Diesel	0.3497	0.3497
12	1.2G Government Domestic Diesel	0.0881	0.0881
13	1.23 Churches, Schools & Com Halls	0.0224	0.0224
14	2.1 GS 0-10 kW	0.1393	0.1393
15	2.2 GS 10-100 kW	0.3379	0.3379
16	2.3 GS 110-1,000 kVa	0.0280	0.0280
17	2.4 GS Over 1,000 kVa	0.0219	0.0219
20	4.1 Street and Area Lighting	0.0118	0.0118
21	4.1G Gov't Street and Area Lighting	0.0009	0.0009
22	Total	1.0000	1.0000

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service
Labrador Isolated

Line No.	Description	1	2	3	4	5	Transmission				Substations		Primary Lines		Line Transformers		Distribution		Secondary Lines		Services		Meters		Street Lighting		Accounting Customer	Specifically Assigned Customer	
							Production Demand	Production Energy	Transmission Demand	Demand	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer			Demand
Allocated Revenue Requirement Excluding Return																													
1	1.2 Domestic Diesel		21,713,165	5,227,588	14,614,673	-	77,203	478,414	164,218	71,309	147,957	75,801	99,783	40,439	77,950	-	540,328	-											
2	1.2G Government Domestic Diesel		773,651	189,095	506,352	-	2,793	17,305	4,328	2,579	3,899	2,742	2,630	1,066	2,054	-	14,240	-											
3	1.23 Churches, Schools & Com Halls		1,169,126	207,725	903,736	-	3,068	19,010	3,604	2,834	3,248	3,012	2,190	888	1,711	-	11,860	-											
4	2.1 GS 0-10 kW		3,206,931	626,901	2,253,390	-	9,258	57,372	28,456	8,551	25,639	9,090	17,291	13,156	25,360	-	93,630	-											
5	2.2 GS 10-100 kW		8,327,862	1,655,279	6,273,105	-	24,446	151,486	8,960	22,579	8,072	24,002	5,444	10,524	20,287	-	29,480	-											
6	2.3 GS 110-1,000 kVa		1,629,157	131,342	1,467,121	-	1,940	12,020	441	1,792	398	1,904	268	915	1,764	-	1,452	-											
7	2.4 GS Over 1,000 kVa		1,222,889	99,671	1,102,839	-	1,472	9,122	74	1,360	66	1,445	45	153	294	-	242	-											
8	4.1 Street and Area Lighting		259,262	39,123	107,940	-	578	3,580	9,048	534	8,152	567	5,498	-	51,177	29,771	-												
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Total		38,302,306	8,176,723	27,229,155	-	120,758	748,311	219,129	111,538	197,431	118,564	133,148	67,140	129,420	51,177	721,003	-											
Allocated Return on Debt and Equity																													
11	1.2 Domestic Diesel		3,458,350	1,451,954	1,568,112	-	38,702	148,040	51,413	28,112	58,329	23,489	31,138	14,808	26,619	-	17,634	-											
12	1.2G Government Domestic Diesel		120,742	52,521	54,330	-	1,400	5,355	1,355	1,017	1,537	850	821	390	702	-	465	-											
13	1.23 Churches, Schools & Com Halls		168,523	57,695	96,968	-	1,538	5,883	1,128	1,117	1,280	933	683	325	584	-	387	-											
14	2.1 GS 0-10 kW		485,431	174,121	241,782	-	4,641	17,753	8,909	3,371	10,108	2,817	5,396	4,818	8,660	-	3,056	-											
15	2.2 GS 10-100 kW		1,227,737	459,751	673,086	-	12,255	48,876	2,805	8,902	3,182	7,438	1,699	3,854	6,928	-	962	-											
16	2.3 GS 110-1,000 kVa		201,250	36,480	157,418	-	972	3,719	138	706	157	590	84	335	602	-	47	-											
17	2.4 GS Over 1,000 kVa		150,786	27,683	118,331	-	738	2,823	23	536	26	448	14	56	100	-	8	-											
20	4.1 Street and Area Lighting		50,627	10,866	11,582	-	290	1,108	2,833	210	3,214	176	1,716	-	17,662	972	-												
21	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total		5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-											

Schedule 3.2C
Page 2 of 4

NEWFOUNDLAND & LABRADOR HYDRO					
2027 Test Year Cost of Service Study					
Labrador Isolated					
Allocation of Functionalized Amounts to Classes of Service (CONTD.)					
Line No.	Description	18	19		
		Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Allocated Return on Debt and Equity					
11	1.2 Domestic Diesel	-	-		
12	1.2G Government Domestic Diesel	-	-		
13	1.23 Churches, Schools & Com Halls	-	-		
14	2.1 GS 0-10 kW	-	-		
15	2.2 GS 10-100 kW	-	-		
16	2.3 GS 110-1,000 kVa	-	-		
17	2.4 GS Over 1,000 kVa	-	-		
20	4.1 Street and Area Lighting	-	-		
21	4.1G Gov't Street and Area Lighting	-	-		
22	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONTD.)
Labrador Isolated

Line No.	Description	1	2	3	4	5	Distribution				13	14	15	16	17				
							Substations		Primary Lines							Line Transformers		Secondary Lines	
							Demand	(\$)	Demand	(\$)						Demand	(\$)	Demand	(\$)
Total Revenue Requirement																			
1	1.2 Domestic Diesel		25,171,515	6,679,542	16,182,786	-	115,905	626,454	215,631	99,421	206,286	99,290	55,247	104,569	-	-			
2	1.2G Government Domestic Diesel		894,393	241,616	560,683	-	4,193	22,660	5,683	3,596	5,436	3,592	1,456	2,756	-	-			
3	1.2.3 Churches, Schools & Com Halls		1,337,649	265,420	1,000,704	-	4,606	24,893	4,733	3,951	4,528	3,945	1,213	2,295	-	-			
4	2.1 GS 0-10 kW		3,692,362	801,021	2,495,172	-	13,900	75,125	37,365	11,923	35,746	11,907	17,974	34,020	-	-			
5	2.2 GS 10-100 kW		9,555,598	2,115,030	6,946,191	-	36,701	198,362	11,765	31,481	11,255	31,440	14,378	27,215	-	-			
6	2.3 GS 110-1,000 kVA		1,830,407	167,822	1,624,539	-	2,912	15,739	580	2,498	554	2,495	2,366	-	-	-			
7	2.4 GS Over 1,000 kVA		1,373,675	127,354	1,221,170	-	2,210	11,944	97	1,896	92	1,893	208	394	-	-			
8	4.1 Street and Area Lighting		309,889	49,989	119,522	-	867	4,688	11,881	744	11,366	743	-	68,839	-	-			
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-			
10	Total		44,165,752	10,447,794	30,150,766	-	181,293	979,867	287,733	155,509	275,264	155,305	91,727	173,615	68,839	744,534			
Re-classification of Revenue-Related																			
11	1.2 Domestic Diesel		0	25,974	62,927	-	451	2,436	838	387	802	386	215	407	-	-			
12	1.2G Government Domestic Diesel		(0)	6,824	15,836	-	118	640	161	102	154	101	97	78	-	-			
13	1.2.3 Churches, Schools & Com Halls		0	1,244	4,691	-	22	117	22	19	21	18	6	11	-	-			
14	2.1 GS 0-10 kW		(0)	8,515	26,523	-	148	799	397	127	380	127	241	362	-	-			
15	2.2 GS 10-100 kW		0	21,057	69,155	-	365	1,975	117	313	112	313	71	143	-	-			
16	2.3 GS 110-1,000 kVA		0	718	6,952	-	12	67	2	11	2	11	2	5	-	-			
17	2.4 GS Over 1,000 kVA		(0)	569	5,454	-	10	53	0	8	0	8	1	2	-	-			
20	4.1 Street and Area Lighting		(0)	537	1,284	-	9	50	128	8	122	78	-	740	-	-			
21	4.1G Gov't Street and Area Lighting		(263)	-	-	-	-	-	-	-	-	-	-	-	-	-			
22	Total		(263)	65,438	192,824	-	1,135	6,137	1,666	974	1,594	973	602	1,140	740	4,311			
Total Allocated Revenue Requirement																			
23	1.2 Domestic Diesel		25,171,515	6,705,516	16,245,713	-	116,356	628,890	216,469	99,808	207,088	99,676	55,462	104,975	-	-			
24	1.2G Government Domestic Diesel		894,393	248,440	576,519	-	4,311	23,300	5,843	3,698	5,590	3,693	1,497	2,834	-	-			
25	1.2.3 Churches, Schools & Com Halls		1,337,649	266,664	1,005,395	-	4,627	25,010	4,755	3,969	4,549	3,964	1,218	2,306	-	-			
26	2.1 GS 0-10 kW		3,692,362	809,636	2,521,695	-	14,047	75,924	37,763	12,049	36,126	12,034	18,165	34,382	-	-			
27	2.2 GS 10-100 kW		9,555,598	2,136,087	7,015,346	-	37,066	200,337	11,882	31,794	11,367	31,753	14,522	27,486	-	-			
28	2.3 GS 110-1,000 kVA		1,830,407	168,540	1,631,491	-	2,925	15,807	582	2,509	557	2,505	1,256	2,376	-	-			
29	2.4 GS Over 1,000 kVA		1,373,675	127,923	1,226,624	-	2,220	11,998	97	1,904	93	1,902	209	396	-	-			
32	4.1 Street and Area Lighting		309,889	50,527	120,806	-	877	4,739	12,008	752	11,488	751	-	69,579	-	-			
33	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-			
34	Total		44,165,488	10,513,232	30,343,589	-	182,429	986,005	289,399	156,483	276,858	156,277	92,329	174,755	69,579	748,845			

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18 Revenue Related		19 PUB	
		Municipal Tax (\$)	Assessment (\$)	Basis of Proration	
Total Revenue Requirement					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Re-classification of Revenue-Related					
11	1.2 Domestic Diesel	(91,984)	(5,518)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.	
12	1.2G Government Domestic Diesel	(23,177)	(1,390)		
13	1.23 Churches, Schools & Com Halls	(5,888)	(353)		
14	2.1 GS 0-10 kW	(36,638)	(2,198)		
15	2.2 GS 10-100 kW	(88,866)	(5,331)		
16	2.3 GS 110-1,000 kVa	(7,359)	(441)		
17	2.4 GS Over 1,000 kVa	(5,762)	(346)		
20	4.1 Street and Area Lighting	(3,108)	(186)		
21	4.1G Gov't Street and Area Lighting	(248)	(15)		
22	Total	(263,030)	(15,779)		
Total Allocated Revenue Requirement					
23	1.2 Domestic Diesel	-	-		
24	1.2G Government Domestic Diesel	-	-		
25	1.23 Churches, Schools & Com Halls	-	-		
26	2.1 GS 0-10 kW	-	-		
27	2.2 GS 10-100 kW	-	-		
28	2.3 GS 110-1,000 kVa	-	-		
29	2.4 GS Over 1,000 kVa	-	-		
32	4.1 Street and Area Lighting	-	-		
33	4.1G Gov't Street and Area Lighting	-	-		
34	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement

Line No.	Description	2	3	4	5	Distribution										14	15	16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers						Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					Demand (\$)	Customer (\$)				
Expenses																									
1	Operating & Maintenance	2,238,392	1,275,200	-	-	100,796	307,043	89,651	25,448	45,045	51,710	56,720	9,086	28,797	13,580	142,113	-								
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
3	Fuels-Diesel	756,000	-	756,000	-	-	-	-	-	-	-	-	-	-	-	-	-								
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	Power Purchases-CF(L)/Co	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
6	Power Purchases-Other	4,104,300	-	4,104,300	-	-	-	-	-	-	-	-	-	-	-	-	-								
7	Depreciation	1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,597	4,086	30,524	19,412	10,926	-								
Expense Credits																									
8	Sundry	(7,321)	(4,171)	-	-	(330)	(1,004)	(293)	(83)	(147)	(169)	(186)	(30)	(94)	(44)	(465)	-								
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
12	Pole Attachments	(61,423)	-	-	-	-	(35,524)	(12,140)	-	-	(6,288)	(7,471)	-	-	-	-	-								
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
15	Application Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
16	Meter Test Revenues	(432)	-	-	-	-	-	-	-	-	-	-	-	-	-	(432)	-								
17	Total Expense Credits	(69,176)	(4,171)	-	-	(330)	(36,528)	(12,434)	(83)	(147)	(6,457)	(7,656)	(30)	(94)	(44)	(897)	-								
18	Subtotal Expenses	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-								
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
20	Subtotal Revenue Requirement Ex. Return	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-								
21	Return on Debt	807,239	515,833	2,820	-	80,989	93,023	26,427	11,363	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-								
22	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	16,418	7,059	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-								
23	Total Revenue Requirement	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-								

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18		19		20
		Municipal Tax (\$)	Revenue Related	PUB Assessment (\$)	Basis of Functional Classification	
1	Expenses					
2	Operating & Maintenance	87,928		5,275	Carryforward from Sch.2.4 L.24	
3	Fuels	-		-	Production - Energy	
4	Fuels-Diesel	-		-	Production - Energy	
5	Fuels-Gas Turbine	-		-	Production - Energy	
6	Power Purchases -CF(L)Co	-		-		
7	Power Purchases-Other	-		-	Carryforward from Sch.4.4 L.21	
	Depreciation	-		-	Carryforward from Sch.2.5 L.23	
8	Expense Credits					
9	Sundry	(288)		(17)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
10	Building Rental Income	-		-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
11	Tax Refunds	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Suppliers' Discounts	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
13	Pole Attachments	-		-	Prorated on Distribution Poles - Sch.4.1 L.37	
14	Secondary Energy Revenues	-		-	Production - Energy	
15	Wheeling Revenues	-		-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
16	Application Fees	-		-	Accounting - Customer	
17	Meter Test Revenues	-		-	Meters - Customer	
	Total Expense Credits	(288)		(17)		
18	Subtotal Expenses	87,641		5,257		
19	Disposal Gain / Loss	-		-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20	Subtotal Revenue Requirement Ex. Return	87,641		5,257		
21	Return on Debt	-		-	Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-	Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	87,641		5,257		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lightin Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		2,430,420	66,299	-	-	2,364,122	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		452,466	-	-	-	-	341,137	43,459	-	-	39,568	28,302	-	-	-	-	-
8 Poles		9,870,601	-	-	-	-	5,708,642	1,950,944	-	-	1,010,434	1,200,581	-	-	-	-	-
9 Primary Conductor & Equipment		1,561,625	-	-	-	-	1,385,161	176,464	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		1,706,981	-	-	-	-	-	616,220	1,090,761	-	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		346,715	-	-	-	-	-	-	-	-	202,135	144,580	-	-	-	-	-
13 Services		220,006	-	-	-	-	-	-	-	-	-	-	220,006	-	-	-	-
14 Meters		517,483	-	-	-	-	-	-	-	-	-	-	-	517,483	-	-	-
15 Street Lighting		328,828	-	-	-	-	-	-	-	-	-	-	-	-	328,828	-	-
16 Subtotal Distribution		17,435,125	66,299	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-	-
17 Subttl Prod, Trans, & Dist		38,053,864	20,685,037	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-	-
18 General		3,153,661	1,876,333	-	-	142,013	446,618	130,404	37,016	65,522	75,216	82,504	13,216	42,644	19,753	222,420	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		165,343	89,876	-	-	10,272	32,305	9,432	2,677	4,739	5,441	5,968	956	2,248	1,429	-	-
22 Software - Cust Actgh		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Plant		41,372,868	22,651,247	-	-	2,516,407	7,913,864	2,310,704	655,914	1,161,022	1,332,793	1,461,935	234,178	562,376	350,009	222,420	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	18 Basis of Functional Classification
		Production	
1		Diesel	Production - Demand, Energy ratios Sch.4.1 L.8
2		Subtotal Production	
		Transmission	
3		Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Customer
4		Terminal Stations	Production, Transmission - Demand; Spec Assigned - Customer
5		Subtotal Transmission	
		Distribution	
6		Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9		Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12		Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13		Services	Services Customer
14		Meters	Meters - Customer
15		Street Lighting	Street Lighting - Customer
16		Subtotal Distribution	
		Subttl Prod, Trans, & Dist	
17		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
18		Telecontrol - Specific	Specifically Assigned - Customer
19		Feasibility Studies	Production, Transmission - Demand
20		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
21		Software - Customer Accounting	Customer Accounting
22		Total Plant	
23			

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		15,033,294	15,033,294	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		15,033,294	15,033,294														
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		2,440,494	9,074	-	-	2,431,420	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		334,240	-	-	-	-	32,104	-	-	-	29,229	20,907	-	-	-	-	-
8 Poles		3,308,260	-	-	-	-	1,913,326	653,884	-	-	338,660	402,390	-	-	-	-	-
9 Primary Conductor & Equipment		524,157	-	-	-	-	464,927	59,230	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		917,847	-	-	-	-	-	-	331,343	586,505	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		120,694	-	-	-	-	-	-	-	-	70,365	50,329	-	-	-	-	-
13 Services		54,609	-	-	-	-	-	-	-	-	-	-	54,609	-	-	-	-
14 Meters		365,361	-	-	-	-	-	-	-	-	-	-	-	365,361	-	-	-
15 Street Lighting		207,035	-	-	-	-	-	-	-	-	-	-	-	-	207,035	-	-
16 Subtotal Distribution		8,272,698	9,074	-	-	2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035	-	-
17 Subtl Prod, Trans, & Dist		23,305,992	15,042,368	-	-	2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035	-	-
18 General		1,218,691	725,085	-	-	54,879	172,590	50,393	14,305	25,320	29,066	31,883	5,107	16,479	7,633	85,951	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		162,163	104,665	-	-	16,918	18,301	5,185	2,305	4,081	3,049	3,295	380	2,542	1,441	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Net Book Value		24,686,846	15,872,117	-	-	2,503,217	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

L'Anse au Loup

Functional Classification of Operating & Maintenance Expense

Line No.	Description	1	2	3	4	5	6				7				8				9				10				11				12				13				14				15				16	17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
							Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightin Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
												Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)						Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Production																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Schedule 2.4D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

L'Anse au Loup

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification	20
		18 Municipal Tax	19 PUB Assessment	20		
	Production					
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8	
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8	
3	Subtotal Production	-	-	-		
	Transmission					
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3	
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4	
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	
7	Subtotal Transmission	-	-	-		
	Distribution					
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16, less L. 14	
9	Meters	-	-	-	Meters - Customer	
10	Subtotal Distribution	-	-	-		
11	Subttl Prod, Trans, & Dist	-	-	-		
12	Customer Accounting	-	-	-	Accounting - Customer	
	Administrative & General:					
	Plant-Related:					
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2	
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16	
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17	
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23	
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19	
	Revenue Related:					
19	Municipal Tax	87,928	-	-	Revenue-related	
20	PUB Assessment	-	5,275	-	Revenue-related	
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12	
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	
23	Subtotal Admin & General	87,928	5,275	-		
24	Total Operating & Maintenance Expenses	87,928	5,275	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	Distribution										16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)				
Production																							
1	Diesel	831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
2	Subtotal Production	831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Transmission																							
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Distribution																							
6	Substation Structures & Equipment	27,473	296	-	-	27,177	-	-	-	-	-	-	-	-	-	-	-						
7	Land & Land Improvements	7,258	-	-	-	-	5,472	697	-	-	635	454	-	-	-	-	-						
8	Poles	229,935	-	-	-	-	132,982	45,447	-	-	23,538	27,967	-	-	-	-	-						
9	Primary Conductor & Equipment	21,388	-	-	-	-	18,971	2,417	-	-	-	-	-	-	-	-	-						
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Transformers	47,675	-	-	-	-	-	-	17,211	30,464	-	-	-	-	-	-	-						
12	Secondary Conductors & Equipment	4,672	-	-	-	-	-	-	-	-	2,724	1,948	-	-	-	-	-						
13	Services	3,309	-	-	-	-	-	-	-	-	-	-	3,309	-	-	-	-						
14	Meters	27,371	-	-	-	-	-	-	-	-	-	-	-	27,371	-	-	-						
15	Street Lighting	17,756	-	-	-	-	-	-	-	-	-	-	-	-	17,756	-	-						
16	Subtotal Distribution	386,836	296	-	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-						
Subtotal Prod Tran & Dist																							
17		1,218,208	831,669	-	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-						
General																							
18	General	154,920	92,173	-	-	6,976	21,940	6,406	1,818	3,219	3,695	4,053	649	2,095	970	10,926	-						
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20	GEC and AFUDC	4,499	3,071	-	-	100	581	179	64	112	99	112	12	101	66	-	-						
21	Software - General	42,606	29,087	-	-	950	5,506	1,698	602	1,065	941	1,062	116	957	621	-	-						
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Total Depreciation Expense																							
23		1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,997	4,086	30,524	19,412	10,926	-						

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base

Line No.	Description	2	3	4	5	Distribution										15	16	Specifically Assigned Customer (\$)				
						Substations		Primary Lines		Line Transformers		Secondary Lines		Services					Meters		Street Lightin	
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)
1	Average Net Book Value	24,686,846	15,872,117	-	-	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-						
2	Cash Working Capital	16,039	10,312	-	-	1,826	520	226	400	306	331	39	250	140	56	-						
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Fuel Inventory - Diesel	93,674	-	93,674	-	-	-	-	-	-	-	-	-	-	-	-						
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6	Inventory/Supplies	473,133	259,036	-	-	28,777	26,425	7,501	13,277	15,242	16,718	2,678	6,431	4,003	2,544	-						
Deferred Charges:																						
Foreign Exchange Loss and																						
7	Regulatory Costs	1,186,580	762,898	-	-	135,599	38,490	16,724	29,604	22,608	24,456	2,889	18,475	10,387	4,131	-						
8	Retired Asset Pool	362,309	232,942	-	-	36,738	41,404	5,107	9,039	6,903	7,467	882	5,641	3,172	1,261	-						
9	Total Rate Base	26,818,581	17,137,305	93,674	-	3,090,676	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Rate Base Available for Equity Return	26,818,581	17,137,305	93,674	-	3,090,676	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
12	Return on Debt	807,239	515,833	2,820	-	80,989	26,427	11,363	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-						
13	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	7,059	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-						
14	Return on Rate Base	1,308,747	836,300	4,571	-	131,305	42,846	18,423	32,609	25,153	27,220	3,249	20,261	11,410	4,584	-						

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		Basis of Functional Classification	
1	Average Net Book Value	Sch. 2.3, L. 23	
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1	
3	Fuel Inventory - No. 6 Fuel	Production - Energy	
4	Fuel Inventory - Diesel		
5	Fuel Inventory - Gas Turbine		
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23	
7	Deferred Charges:		
8	Foreign Exchange Loss and		
9	Regulatory Costs	Prorated on Average Net Book Value, L. 1	
	Retired Asset Pool	Prorated on Average Net Book Value, L. 1	
	Total Rate Base		
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt	L.9 x Sch.1.1,p2,L.16	
13	Return on Equity	L.11 x Sch.1.1,p2,L.19	
14	Return on Rate Base		

Schedule 3.1D
Page 1 of 2

Schedule 3.1D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	Revenue Related		19
		Municipal Tax (Prior Year (Rural Revenues)	PUB Assessment (Prior Year (Revenues + RSP))	
Amounts				
1	1.1 Domestic Diesel	609,244	609,244	
2	1.12 Domestic All Electric	1,321,780	1,321,780	
3	2.1 GS 0-10 kW	899,489	899,489	
4	2.2 GS 10-100 kW	-	-	
5	2.3 GS 110-1,000 kVa	277,254	277,254	
6	4.1 Street and Area Lighting	18,925	18,925	
7	Total	3,126,692	3,126,692	
Ratios				
8	1.1 Domestic Diesel	0.1949	0.1949	
9	1.12 Domestic All Electric	0.4227	0.4227	
10	2.1 GS 0-10 kW	0.2877	0.2877	
11	2.2 GS 10-100 kW	-	-	
12	2.3 GS 110-1,000 kVa	0.0887	0.0887	
13	4.1 Street and Area Lighting	0.0061	0.0061	
14	Total	1.0000	1.0000	

L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service

Line No.	Description	2	3	4	5	Distribution										16	Specifically Assigned Customer (\$)			
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)	
Allocated Revenue Requirement Excluding Return																				
1	1.1 Domestic Diesel	1,889,747	554,506	959,029	-	33,781	113,531	48,946	11,219	29,120	19,143	30,910	2,890	13,024	-	55,547	-			
2	1.1.2 Domestic All Electric	3,816,627	1,057,198	2,172,394	-	64,405	216,453	56,699	21,390	33,733	36,498	35,806	3,348	15,087	-	64,346	-			
3	2.1 GS 0-10 kW	2,046,179	489,511	1,259,419	-	29,821	100,224	23,141	9,904	13,768	16,900	14,614	6,518	29,373	-	26,262	-			
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	2.3 GS 110-1,000 kVa	626,992	119,082	456,772	-	7,255	24,381	778	2,409	463	4,111	491	387	1,743	-	883	-			
6	4.1 Street and Area Lighting	70,204	6,731	12,687	-	410	1,378	4,498	136	2,676	232	2,841	-	32,948	5,105	-	-			
7	Total	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,039	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-			
Allocated Return on Debt and Equity																				
8	1.1 Domestic Diesel	334,557	208,230	902	-	32,694	37,551	15,643	4,587	11,906	6,263	9,938	715	4,455	-	1,674	-			
9	1.1.2 Domestic All Electric	605,009	397,002	2,043	-	62,332	71,594	18,121	8,745	13,792	11,940	11,512	828	5,161	-	1,939	-			
10	2.1 GS 0-10 kW	286,771	183,823	1,185	-	28,861	33,150	7,396	4,049	5,629	5,529	4,699	1,611	10,048	-	791	-			
11	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
12	2.3 GS 110-1,000 kVa	63,877	44,718	430	-	7,021	8,064	249	985	189	1,345	158	96	596	-	27	-			
13	4.1 Street and Area Lighting	18,533	2,528	12	-	397	456	1,438	56	1,094	76	913	-	11,410	154	-	-			
14	Total	1,308,747	836,300	4,571	-	131,305	150,815	42,846	18,423	32,609	25,153	27,220	3,249	20,261	17,410	4,584	-			

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.1 Domestic Diesel	17,077	1,024		
2	1.12 Domestic All Electric	37,049	2,223		
3	2.1 GS 0-10 kW	25,213	1,512		
4	2.2 GS 10-100 kW	-	-		
5	2.3 GS 110-1,000 kVa	7,771	466		
6	4.1 Street and Area Lighting	530	32		
7	Total	87,641	5,257		
Allocated Return on Debt and Equity					
8	1.1 Domestic Diesel	-	-		
9	1.12 Domestic All Electric	-	-		
10	2.1 GS 0-10 kW	-	-		
11	2.2 GS 10-100 kW	-	-		
12	2.3 GS 110-1,000 kVa	-	-		
13	4.1 Street and Area Lighting	-	-		
14	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	2	3	4	5	Distribution										15	16	17							
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightn Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)					
Total Revenue Requirement																									
1	1.1 Domestic Diesel	2,224,304	762,736		-	66,474	151,082	64,589	15,806	41,025	25,406	40,847	3,604	17,480	-	57,221	-								
2	1.1.2 Domestic All Electric	4,421,637	1,454,200	2,174,437	-	126,737	288,047	74,820	30,136	47,524	48,438	47,318	4,175	20,248	-	66,285	-								
3	2.1 GS 0-10 kW	2,332,950	673,333	1,260,604	-	58,682	133,374	30,537	13,954	19,397	22,428	19,312	8,129	39,421	-	27,054	-								
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	2.3 GS 110-1,000 kVa	690,869	163,801	457,201	-	14,276	32,446	1,026	3,394	652	5,456	649	482	2,339	-	909	-								
6	4.1 Street and Area Lighting	88,737	9,259	12,699	-	807	1,834	5,936	192	3,770	308	3,754	-	44,358	5,258	-	-								
7	Total	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-								
Re-classification of Revenue-Related																									
8	1.1 Domestic Diesel	-	6,258	7,876	-	545	1,240	530	130	337	208	335	30	143	-	469	-								
9	1.1.2 Domestic All Electric	0	13,032	19,486	-	1,136	2,581	670	270	426	434	424	37	181	-	594	-								
10	2.1 GS 0-10 kW	(0)	7,803	14,608	-	680	1,546	354	162	225	260	224	94	457	-	314	-								
11	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
12	2.3 GS 110-1,000 kVa	0	1,977	5,517	-	172	392	12	41	8	66	8	6	28	-	11	-								
13	4.1 Street and Area Lighting	0	59	81	-	5	12	38	1	24	2	24	-	-	283	34	-								
14	Total	0	29,128	47,568	-	2,539	5,770	1,605	604	1,019	970	1,015	167	810	283	1,421	-								
Total Allocated Revenue Requirement																									
15	1.1 Domestic Diesel	2,224,304	768,994	987,807	-	67,020	152,322	65,119	15,936	41,362	25,615	41,182	3,634	17,623	-	57,690	-								
16	1.1.2 Domestic All Electric	4,421,637	1,467,231	2,193,923	-	127,872	290,629	75,490	30,406	47,950	48,872	47,742	4,213	20,430	-	66,879	-								
17	2.1 GS 0-10 kW	2,332,950	681,136	1,275,212	-	59,363	134,919	30,891	14,115	19,621	22,688	19,536	8,223	39,878	-	27,367	-								
18	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
19	2.3 GS 110-1,000 kVa	690,869	165,777	462,718	-	14,448	32,837	1,039	3,435	660	5,522	657	488	2,367	-	920	-								
20	4.1 Street and Area Lighting	88,737	9,318	12,780	-	812	1,846	5,973	193	3,794	310	3,778	-	44,641	5,292	-	-								
21	Total	9,758,496	3,092,457	4,912,440	-	269,514	612,552	178,512	64,086	113,387	103,008	112,398	16,558	80,298	44,641	158,148	-								

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related		Basis of Proration
		Municipal Tax (\$)	PUB Assessment (\$)	
Total Revenue Requirement				
1	1.1 Domestic Diesel	17,077	1,024	
2	1.12 Domestic All Electric	37,049	2,223	
3	2.1 GS 0-10 kW	25,213	1,512	
4	2.2 GS 10-100 kW	-	-	
5	2.3 GS 110-1,000 kVa	7,771	466	
6	4.1 Street and Area Lighting	530	32	
7	Total	87,641	5,257	
Re-classification of Revenue-Related				
8	1.1 Domestic Diesel	(17,077)	(1,024)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.
9	1.12 Domestic All Electric	(37,049)	(2,223)	
10	2.1 GS 0-10 kW	(25,213)	(1,512)	
11	2.2 GS 10-100 kW	-	-	
12	2.3 GS 110-1,000 kVa	(7,771)	(466)	
13	4.1 Street and Area Lighting	(530)	(32)	
14	Total	(87,641)	(5,257)	
Total Allocated Revenue Requirement				
15	1.1 Domestic Diesel	-	-	
16	1.12 Domestic All Electric	-	-	
17	2.1 GS 0-10 kW	-	-	
18	2.2 GS 10-100 kW	-	-	
19	2.3 GS 110-1,000 kVa	-	-	
20	4.1 Street and Area Lighting	-	-	
21	Total	-	-	

[illegible]

[illegible]

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.		System Load Factor					
		1	2	3	4	5	6
			Island Interconnected	Island Isolated	Labrador Isolated	L'Anse au Loup	Labrador Interconnected
1	Sales+Losses for System Load Factor (MWh)		7,416,874	6,022	46,089	27,047	2,810,079
2	Hours in Year		8,760	8,760	8,760	8,760	8,760
3	Average Demand (kW)		846,675	687	5,261	3,088	320,785
4	Coincident Peak at Generation (kW)		1,683,677	1,809	9,688	6,105	480,169
1	System Load Factors		50.29%	38.00%	54.30%	50.57%	66.81%

Schedule 4.3
Page 1 of 1

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Holyrood Capacity Factor

Line No.	1	2	3	4	5
	Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
1	2020 Actual	988,816,044	466	8,760	24.22%
2	2021 Actual	710,554,100	466	8,760	17.43%
3	2022 Actual	744,880,000	466	8,760	18.27%
4	2023 Actual	648,605,350	466	8,760	15.91%
5	2024 Actual	666,289,026	466	8,760	16.34%
6	5-Year Average	751,828,904	466	8,760	18.43%
7	Current Year	455,225,658	466	8,760	11.16%

SNBV1



NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

**Total System
Power Purchases**

Line No.	1	2	3	4	5	6	7	8	
		Total (\$)	Production Demand (\$)	Production & Transmission Energy (\$)	Transmission Export Demand (\$)	Transmission Network Demand (\$)	Rural Transmission Demand (\$)	Distribution Demand (\$)	Basis of Functional Classification
1	Island Interconnected:								
2	DLP Secondary	0	-	0	-				Production - Energy (Same as RSP Sec Load Var)
3	AP Secondary	960,000							Production - Energy (Secondary)
4	Wheeling	7,891,076	7,891,076				960,000		Rural Transmission
5	Interruptible Demand	-		-					Production - Demand
6	Interruptible Energy	36,232,222	18,012,027	18,220,195					Production - Energy
7	Non-utility Generation excluding wind	15,683,047	6,743,710	8,939,337					Production - Energy
8	Wind Purchases	269,134,556	133,794,136	135,340,420					Energy: System Load Factor
9	Muskkrat Falls Generation	(40,178,593)	(19,973,876)	(20,204,717)					Energy: System Load Factor
10	Total Exports	46,146,683	22,940,776	23,205,907	-				Energy: System Load Factor
11	Power Purchases - LTA Costs	465,082,406	231,205,163	233,877,243	-				Energy: System Load Factor
12	Power Purchases - LIL Costs	(18,337,593)	(9,116,118)	(9,221,475)	-				Energy: System Load Factor
13	Tariff Revenue	-	-	-					Energy: System Load Factor
14	Recapture to the Island	(502,080,430)	(249,597,891)	(252,482,539)	-				Energy: System Load Factor
15	Rate Mitigation	280,533,374	141,899,004	137,674,370	-	-	960,000	-	
16	Labrador Interconnected:								
17	CF(L)Co	1,554,061	515,843	1,038,217					Energy: System Load Factor
18	Other	-	-						Labrador Lynx Interruptible
19	Subtotal	1,554,061	515,843	1,038,217	-	-	-	-	
20	Isolated Systems:								
21	Mary's Harbour	309,793		309,793					Production - Energy
22	L'Anse au Loup	4,104,300		4,104,300					Production - Energy
23	Ramea Wind	177,100	76,153	100,947					Production - Energy
24	Subtotal	4,591,193	76,153	4,515,040	0	0	0	0	
25	Total	286,678,628	142,491,000	143,227,628	-	-	960,000	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System Revenue Requirement

Line No.	1	2	3	4	5	6	7	8
	Description	Total Amount (\$)	Island Interconnected (\$)	Island Isolated (\$)	Labrador Isolated (\$)	L'Anse au Loup (\$)	Labrador Interconnected (\$)	Basis of Proration
	Revenue Requirement							
	Expenses							
1	Operating, Maintenance and Admin.	156,361,556	120,418,337	5,763,854	15,269,542	2,238,392	12,671,431	Detailed Analysis
2	Fuels - No. 6 Fuel	65,010,009	65,010,009	-	-	-	-	Detailed Analysis
3	Fuels - Diesel	22,311,830	2,016,430	2,124,200	17,415,200	756,000	-	Detailed Analysis
4	Fuels - Gas Turbine	18,989,062	18,829,333	-	-	-	159,728	
5	Fuel Supply Deferral	-	-	-	-	-	-	
6	Power Purchases -CF(L)Co	1,554,061	-	-	-	-	1,554,061	Detailed Analysis
7	Power Purchases - Other	65,357,539	60,766,346	177,100	309,793	4,104,300	-	Detailed Analysis
8	Power Purchases - MF	269,134,556	269,134,556	-	-	-	-	Detailed Analysis
9	Total Exports	(40,178,593)	(40,178,593)	-	-	-	-	Detailed Analysis
10	Power Purchases - LTA Costs	46,146,683	46,146,683	-	-	-	-	Detailed Analysis
11	Power Purchases - LIL Costs	465,082,406	465,082,406	-	-	-	-	Detailed Analysis
12	Rate Mitigation	-	-	-	-	-	-	
13	Tariff Revenue	(18,337,593)	(18,337,593)	-	-	-	-	Detailed Analysis
14	Depreciation	114,921,995	100,512,135	1,117,417	5,466,481	1,420,232	6,405,729	Detailed Analysis
	Expense Credits:							
15	Sundry	(511,404)	(393,846)	(18,852)	(49,941)	(7,321)	(41,444)	Total O&M Expenses
16	Greenhouse Gas Carbon Credits	(1,250,000)	(1,250,000)	-	-	-	-	Detailed Analysis
17	Building Rental Income	(6,000)	(6,000)	-	-	-	-	Detailed Analysis
18	Tax Refunds	-	-	-	-	-	-	Total O&M Expenses
19	Suppliers' Discounts	-	-	-	-	-	-	Total O&M Expenses
20	Pole Attachments	(1,635,600)	(1,196,656)	(20,860)	(107,593)	(61,423)	(249,068)	Detailed Analysis
21	Wheeling Revenues	-	-	-	-	-	-	Island Interconnected
22	Application Fees	(20,628)	(10,956)	(216)	(1,176)	(432)	(7,848)	Detailed Analysis
23	Meter Test Revenues	-	-	-	-	-	-	Weighted Customers
24	Total Expense Credits	(3,423,632)	(2,857,458)	(39,928)	(158,711)	(69,176)	(298,359)	
25	Subtotal Expenses	1,162,929,878	1,086,542,591	9,142,643	38,302,306	8,449,749	20,492,589	Detailed Analysis
26	Disposal Gain/Loss	-	-	-	-	-	-	
27	Subtotal Rev Req Excl Return	1,162,929,878	1,086,542,591	9,142,643	38,302,306	8,449,749	20,492,589	
28	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Rate Base
29	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Rate Base
30	Total Revenue Requirement	1,299,672,108	1,206,131,974	10,404,667	44,165,752	9,758,496	29,211,220	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System
Return on Rate Base

Line No	1	2	3	4	5	6	7	8
		Total \$	Island Interconnected \$	Island Isolated \$	Labrador Isolated \$	L'Anse au Loup \$	Labrador Interconnected \$	Basis of Proration
Rate Base:								
1	Average Net Book Value	2,404,120,916	2,102,740,030	21,518,581	95,513,749	24,686,846	159,661,709	Schedule 2.3
2	Cash Working Capital	1,562,000	1,366,187	13,981	62,057	16,039	103,735	Prorated on Average Net Book Value - L. 1
3	Cash Working Capital - Muskrat Falls	115,124,000	115,124,000	-	-	-	-	Detailed Analysis
4	Fuel Inventory - No. 6 Fuel	53,963,965	53,963,965	-	-	-	-	Specifically Assigned - Holyrood
5	Fuel Inventory - Diesel	6,181,464	180,546	206,653	5,700,591	93,674	-	Detailed Fuel Analysis
6	Fuel Inventory - Gas Turbine	7,883,571	7,763,006	-	-	-	120,566	Detailed Fuel Analysis
7	Inventory/Supplies	44,722,000	39,481,123	217,603	1,653,208	473,133	2,896,934	Prorated on Total Plant in Service, Schedule 2.2
8	Deferred Charges: Muskrat Falls	47,775	47,775	-	-	-	-	Detailed Analysis
9	Deferred Charges: Foreign Exchange Loss							
10	and Regulatory Costs	115,554,722	101,068,768	1,034,296	4,590,894	1,186,580	7,674,183	Prorated on Average Net Book Value - L. 1
	Retired Asset Pool	52,934,464	28,866,724	2,870,021	12,632,077	362,309	8,203,333	Assigned by System
11	Total Rate Base	2,802,094,876	2,450,602,123	25,861,135	120,152,576	26,818,581	178,660,460	
12	Less: Rural Portion	-	-	-	-	-	-	Schedule 2.6, L. 11
13	Rate Base Available for Equity Return	2,802,094,876	2,450,602,123	25,861,135	120,152,576	26,818,581	178,660,460	
Corporate Targets:								
14	Capital Structure: Percent of Debt	74.50% ⁽¹⁾						
15	Return	4.05%						
16	Weighted Average Return: Debt	3.01%						
17	Capital Structure: Percent of Equity	21.75% ⁽¹⁾						
18	Return	8.60%						
19	Weighted Average Return: Equity	1.87%						
20	Weighted Average Cost of Capital	4.88%						
Return on Rate Base by System (%):								
21	Return on Rate Base - Debt Component	-	3.01%	3.01%	3.01%	3.01%	3.01%	
22	Return on Rate Base - Equity Component	-	1.87%	1.87%	1.87%	1.87%	1.87%	
Return on Rate Base (\$):								
23	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Schedule 2.6, L.13
24	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Schedule 2.6, L.14
25	Return on Rate Base (\$)	136,742,230	119,589,384	1,262,023	5,863,446	1,308,747	8,718,630	Schedule 2.6, L.15
Return on Total Rate Base (%):								
26	Return on Rate Base - Debt Component	3.01%	3.01%	3.01%	3.01%	3.01%	3.01%	L. 23 divided by L.11
27	Return on Rate Base - Equity Component	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	L. 24 divided by L.11
28	Return on Rate Base (%)	4.88%	4.88%	4.88%	4.88%	4.88%	4.88%	L. 25 divided by L.11

⁽¹⁾ Debt and equity weightings reflect a 0.74% funded ARO and 3.01% component for Employee Future Benefits at 0% cost.

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		1,104,913,717	1,014,430,554	-	90,484,105	1,104,914,659	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		1,104,913,717	1,014,430,554	-	90,484,105	1,104,914,659	1.09
4	Island Industrial		77,081,467	77,084,795	-	-	77,084,795	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	-	1,787,419	21,826,439	1.09
Rural Deficit Areas								
9	Island Interconnected		68,909,058	114,616,626	-	(45,707,568)	68,909,058	0.60
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	178,945,011	-	(92,271,525)	86,673,487	0.48
15	Total		1,299,771,917	1,299,671,580	-	-	1,299,671,580	1.00

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Interconnected
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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)		
1	Island Interconnected							
1	Newfoundland Power		1,104,913,717	1,014,430,554	-	90,484,105	1,104,914,659	
2	NLP RSP Activity		-				-	
3	Subtotal Newfoundland Power		1,104,913,717	1,014,430,554	-	90,484,105	1,104,914,659	1.09
4	Industrial - Firm		77,081,467	77,084,795	-	-	77,084,795	
5	Industrial - Non-Firm		-	-	-	-	-	
6	Industrial RSP Activity		-				-	
7	Subtotal Industrial		77,081,467	77,084,795	-	-	77,084,795	1.00
8	Unallocated RSP Hydraulic Variation		-					
9	Rural							
9	1.1 Domestic		18,788,948	35,781,310	-	(16,992,363)	18,788,948	0.53
10	1.12 Domestic All Electric		23,929,645	40,992,937	-	(17,063,292)	23,929,645	0.58
11	1.3 Special		21,704	113,851	-	(92,147)	21,704	0.19
12	2.1 General Service 0-100 kW		12,084,583	17,986,556	-	(5,901,972)	12,084,583	0.67
13	2.3 General Service 110-1,000 kVa		7,645,700	11,060,778	-	(3,415,078)	7,645,700	0.69
14	2.4 General Service Over 1,000 kVa		5,260,869	7,081,651	-	(1,820,782)	5,260,869	0.74
15	4.1 Street and Area Lighting		1,177,608	1,599,542	-	(421,933)	1,177,608	0.74
16	Subtotal Rural		68,909,058	114,616,626	-	(45,707,568)	68,909,058	0.60
17	Total Island Interconnected		1,250,904,242	1,206,131,974	-	44,776,538	1,250,908,512	1.04

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Island Isolated								
1	1.2 Domestic Diesel		809,510	7,704,844		(6,895,334)	809,510	0.11
2	1.2G Government Domestic Diesel		-	55,464		(55,464)	-	-
3	1.23 Churches, Schools & Com Halls		54,843	367,319		(312,476)	54,843	0.15
4	2.1 General Service 0-10 kW		285,054	823,425		(538,370)	285,054	0.35
5	2.2 GS 10-100 kW		535,299	1,290,296		(754,997)	535,299	0.41
6	2.3 GS 110-1,000 kVa		-	-		-	-	-
7	2.4 General Service Over 1,000 kVa		-	-		-	-	-
8	4.1 Street and Area Lighting		26,859	163,053		(136,195)	26,859	0.16
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		1,717,949	10,404,402		(8,686,453)	1,717,949	0.17

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Labrador Isolated								
1	1.2 Domestic Diesel		4,669,502	25,171,515		(20,502,013)	4,669,502	0.19
2	1.2G Government Domestic Diesel		945,104	894,393		50,711	945,104	1.06
3	1.23 Churches, Schools & Com Halls		328,742	1,337,649		(1,008,907)	328,742	0.25
4	2.1 General Service 0-10 kW		1,505,530	3,692,362		(2,186,832)	1,505,530	0.41
5	2.2 GS 10-100 kW		3,760,679	9,555,598		(5,794,920)	3,760,679	0.39
6	2.3 GS 110-1,000 kVa		364,087	1,830,407		(1,466,319)	364,087	0.20
7	2.4 General Service Over 1,000 kVa		245,160	1,373,675		(1,128,515)	245,160	0.18
8	4.1 Street and Area Lighting		144,155	309,889		(165,734)	144,155	0.47
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		11,969,343	44,165,488		(32,196,145)	11,969,343	0.27

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
L'Anse au Loup								
1	1.1 Domestic		828,511	2,224,304		(1,395,792)	828,511	0.37
2	1.12 Domestic All Electric		1,782,547	4,421,637		(2,639,090)	1,782,547	0.40
3	2.1 General Service 0-100 kW		1,046,118	2,332,950		(1,286,832)	1,046,118	0.45
4	2.2 General Service 10-100 kW		-	-		-	-	-
5	2.3 General Service 110-1,000 kVa		354,037	690,869		(336,832)	354,037	0.51
6	4.1 Street and Area Lighting		65,923	88,737		(22,814)	65,923	0.74
7	Total L'Anse Au Loup		4,077,137	9,758,496		(5,681,359)	4,077,137	0.42

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
1	Labrador Interconnected							
1	Labrador Industrial Firm		9,171,998	9,172,200	-	-	9,172,200	1.00
2	Labrador Industrial Non-Firm		-	-	-	-	-	-
3	Subtotal Industrial		9,171,998	9,172,200	-	-	9,172,200	
4	CFB - Goose Bay Secondary		-	-	-	-	-	-
5	Rural							
5	1.1 Domestic		104,601	206,448	-	18,414.50	224,862	0.47
6	1.1A Domestic All Electric		11,621,732	12,172,687	-	1,085,767	13,258,454	0.88
7	2.1 General Service 0-10 kW		297,862	302,668	-	26,997	329,665	0.90
8	2.2 General Service 10-100 kW		2,454,188	1,963,429	-	175,132	2,138,561	1.15
9	2.3 General Service 110-1,000 kVa		4,196,072	2,864,082	-	255,467	3,119,549	1.35
10	2.4 General Service Over 1,000 kVa		2,863,986	2,090,121	-	186,432	2,276,554	1.26
11	4.1 Street and Area Lighting		392,808	439,585	-	39,210	478,795	0.82
12	Subtotal Rural		21,931,248	20,039,020	-	1,787,419	21,826,439	
13	Total Labrador Interconnected		31,103,246	29,211,220	-	1,787,419	30,998,639	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System
Rural Deficit Allocation

Line No.	1	2	Deficit Allocation Allocated on			
			Revenue Requirement (\$)	Island Interconnected (\$)	Labrador Interconnected (\$)	
			92,271,525			
			92,271,525	90,484,105	1,787,419	
ALLOCATION OF DEFICIT:						
1			Rural Deficit Classified			
2			Allocated Totals			
CUSTOMER DEFICIT ALLOCATION:						
			Amount	Revenue Requirement	Percent	
3			90,484,105	1,014,430,554	98.1%	
4			1,787,419	20,039,020	1.9%	
5			92,271,525		100.0%	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation				10	11
		Demand Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)		
1	Island Interconnected										
2	Newfoundland Power	33.54	-	0.07340	-	228,470.98	36.53	-	0.07994	-	248,849.89
3	Industrial - Firm	28.88	-	0.07341	-	5,735.41	28.88	-	0.07341	-	5,735.41
4	Industrial - Non-Firm	-	-	-	-	-	-	-	-	-	-
5	Rural										
6	1.1 Domestic	-	0.19703	0.08076	0.27779	40.27	-	-	-	-	-
7	1.12 Domestic All Electric	-	0.16983	0.08086	0.25069	40.31	-	-	-	-	-
8	1.3 Special	-	0.24837	0.08024	0.32861	40.01	-	-	-	-	-
9	2.1 General Service 0-10 kW	39.93	-	0.08111	-	59.36	-	-	-	-	-
10	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-	-	-
11	2.3 General Service 110-1,000 kVa	38.48	-	0.08084	-	77.73	-	-	-	-	-
12	2.4 General Service Over 1,000 kVa	30.64	-	0.07847	-	77.56	-	-	-	-	-
13	4.1 Street and Area Lighting	-	0.19804	0.08134	0.27938	80.40	-	-	-	-	-

0.242932862

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation					
		Demand		Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand		Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	
		Demand (\$/kW)	Non-Demand (\$/kWh)				Demand (\$/kW)	Non-Demand (\$/kWh)			
Isolated Systems:											
1	1.2 Domestic Diesel	-	0.40411	0.70486	1.10897						
2	2.1 General Service 0-10 kW	-	0.28507	0.70790	0.99296						
3	2.2 GS 10-100 kW	70.74	-	0.70018	-						
4	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-						
5	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-						
6	Subtotal Metered Demand Classes	57.16	-	0.69628	-						
7	4.1 Street and Area Lighting	-	0.41845	0.71159	1.13004						
Island Isolated											
8	1.2 Domestic Diesel	-	0.93339	0.81837	1.75176		-	-	-	-	-
9	2.1 General Service 0-10 kW	-	0.49421	0.82234	1.31655		-	-	-	-	-
10	2.2 GS 10-100 kW	176.03	-	0.82560	-		-	-	-	-	-
11	2.3 GS 110-1,000 kVa	-	-	-	-		-	-	-	-	-
12	2.4 General Service Over 1,000 kVa	-	-	-	-		-	-	-	-	-
13	4.1 Street and Area Lighting	-	0.88062	0.82195	1.70257		-	-	-	-	-
Labrador Isolated											
14	1.2 Domestic Diesel	-	0.31708	0.68619	1.00327		-	-	-	-	-
15	2.1 General Service 0-10 kW	-	0.25281	0.69024	0.94305		-	-	-	-	-
16	2.2 GS 10-100 kW	61.91	-	0.68978	-		-	-	-	-	-
17	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-		-	-	-	-	-
18	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-		-	-	-	-	-
19	4.1 Street and Area Lighting	-	0.32940	0.69032	1.01972		-	-	-	-	-

Isolated Systems:

1 1.2 Domestic Diesel

2 2.1 General Service 0-10 kW

3 2.2 GS 10-100 kW

4 2.3 GS 110-1,000 kVa

5 2.4 General Service Over 1,000 kVa

6 **Subtotal Metered Demand Classes**

7 4.1 Street and Area Lighting

Island Isolated

8 1.2 Domestic Diesel

9 2.1 General Service 0-10 kW

10 2.2 GS 10-100 kW

11 2.3 GS 110-1,000 kVa

12 2.4 General Service Over 1,000 kVa

13 4.1 Street and Area Lighting

Labrador Isolated

14 1.2 Domestic Diesel

15 2.1 General Service 0-10 kW

16 2.2 GS 10-100 kW

17 2.3 GS 110-1,000 kVa

18 2.4 General Service Over 1,000 kVa

19 4.1 Street and Area Lighting

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation					After Deficit and Revenue Credit Allocation						
		Demand		Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand		Non-Demand Demand & Energy (\$/kWh)	Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	
		Demand (\$/kW)	Non-Demand (\$/kWh)				Demand (\$/kW)	Non-Demand (\$/kWh)					
L'Anse au Loup													
1	1.1 Domestic	-	0.20909	0.19648	0.40557	45.67	-	-	-	-	-	-	
2	1.12 Domestic All Electric	-	0.17611	0.19663	0.37274	45.70	-	-	-	-	-	-	
3	2.1 General Service 0-10 kW	39.65	-	0.19714	-	62.03	-	-	-	-	-	-	
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	
5	2.3 General Service 110-1,000 kVa	24.22	-	0.19724	-	77.75	-	-	-	-	-	-	
6	4.1 Street and Area Lighting	-	0.19152	0.19613	0.38764	139.21	-	-	-	-	-	-	
Labrador Interconnected													
7	Labrador Industrial - Firm	2.40	-	-	-	-	2.40	-	-	-	-	-	
8	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-	-	-	-	
9	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	
Rural													
10	1.1 Domestic	-	0.02547	0.00153	0.02700	38.32	-	0.02775	0.00166	0.02941	41.74	-	
11	1.1A Domestic All Electric	-	0.02181	0.00155	0.02336	38.79	-	0.02376	0.00168	0.02544	42.25	-	
12	Subtotal Domestic	-	0.02184	0.00155	0.02338	38.78	-	0.02378	0.00168	0.02547	42.24	-	
13	2.1 General Service 0-10 kW	-	0.01650	0.00156	0.01806	43.34	-	0.01797	0.00170	0.01967	47.21	-	
14	2.2 General Service 10-100 kW	5.33	-	0.00156	-	57.22	5.81	-	0.00170	-	62.32	-	
15	2.3 General Service 110-1,000 kVa	5.43	-	0.00156	-	75.01	5.92	-	0.00170	-	81.70	-	
16	2.4 General Service Over 1,000 kVa	7.81	-	0.00154	-	75.75	8.51	-	0.00168	-	82.50	-	
17	4.1 Street and Area Lighting	-	0.02190	0.00154	0.02344	87.30	-	0.02385	0.00168	0.02553	95.08	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation		
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Energy (\$)
1	Island Interconnected						
2	Newfoundland Power	1,014,430,554	570,233,218	441,455,685	2,741,652	1,104,914,659	480,832,183
3	Industrial - Firm	77,084,795	31,644,905	45,026,941	412,949	77,084,795	45,026,941
	Industrial - Non-Firm	-	-	-	-	-	-
4	Rural						
5	1.1 Domestic	35,781,310	21,439,887	8,787,796	5,553,627	-	-
6	1.12 Domestic All Electric	40,992,937	24,915,504	11,862,090	4,215,343	-	-
7	1.3 Special	113,851	85,688	27,684	480	-	-
8	2.1 General Service 0-10 kW	17,986,556	9,912,549	5,907,653	2,166,354	-	-
9	2.2 General Service 10-100 kW	-	-	-	-	-	-
10	2.3 General Service 110-1,000 kVa	11,060,778	6,580,378	4,402,511	77,889	-	-
11	2.4 General Service Over 1,000 kVa	7,081,651	3,913,429	3,160,777	7,446	-	-
	4.1 Street and Area Lighting	1,599,542	411,301	168,930	1,019,310	-	-
12	Subtotal Rural	114,616,626	67,258,736	34,317,441	13,040,448		
13	Total Island Interconnected	1,206,131,974	669,136,858	520,800,067	16,195,049		

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
1			3	4	5	6	7	8	9
Isolated Systems:									
1	1.2 Domestic Diesel	35,531,185	12,225,414	21,323,744	1,982,027				
2	2.1 General Service 0-10 kW	4,515,787	1,202,109	2,985,134	328,544				
3	2.2 GS 10-100 kW	10,845,894	3,018,652	7,711,419	115,823				
4	2.3 GS 110-1,000 kVa	1,830,407	192,285	1,631,491	6,630				
5	2.4 General Service Over 1,000 kVa	1,373,675	145,946	1,226,624	1,105				
6	Subtotal Metered Demand Classes	14,049,976	3,556,883	10,569,534	123,559				
7	4.1 Street and Area Lighting	472,942	87,340	148,522	237,081				
8	Total Isolated Systems	54,569,890	16,871,746	35,026,934	2,671,210				
Island Isolated									
9	1.2 Domestic Diesel	8,127,627	3,987,492	3,496,117	644,019	-	-	-	-
10	2.1 General Service 0-10 kW	823,425	278,519	463,439	81,467	-	-	-	-
11	2.2 GS 10-100 kW	1,290,296	581,615	696,073	12,608	-	-	-	-
12	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-
13	2.4 General Service Over 1,000 kVa	-	-	-	-	-	-	-	-
14	4.1 Street and Area Lighting	163,053	29,695	27,716	105,642	-	-	-	-
15	Total Island Isolated	10,404,402	4,877,320	4,683,345	843,737				
Labrador Isolated									
16	1.2 Domestic Diesel	27,403,557	8,237,923	17,827,627	1,338,008	-	-	-	-
17	2.1 General Service 0-10 kW	3,692,362	923,590	2,521,695	247,077	-	-	-	-
18	2.2 GS 10-100 kW	9,555,598	2,437,037	7,015,346	103,215	-	-	-	-
19	2.3 GS 110-1,000 kVa	1,830,407	192,285	1,631,491	6,630	-	-	-	-
20	2.4 General Service Over 1,000 kVa	1,373,675	145,946	1,226,624	1,105	-	-	-	-
21	4.1 Street and Area Lighting	309,889	57,645	120,806	131,438	-	-	-	-
22	Total Labrador Isolated	44,165,488	11,994,426	30,343,589	1,827,473				

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation				
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
L'Anse au Loup									
1	1.1 Domestic	2,224,304	1,029,886	967,807	226,610	-	-	-	-
2	1.12 Domestic All Electric	4,421,637	1,965,011	2,193,923	262,703	-	-	-	-
3	2.1 General Service 0-10 kW	2,332,950	912,221	1,275,212	145,517	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	690,869	222,020	462,718	6,131	-	-	-	-
6	4.1 Street and Area Lighting	88,737	12,479	12,780	63,478	-	-	-	-
7	Total L'Anse au Loup	9,758,496	4,141,617	4,912,440	704,439				
Labrador Interconnected									
8	Labrador Industrial - Firm	9,172,200	9,127,445	-	44,754	9,172,200	9,127,445	-	44,754
9	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-
10	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-
Rural									
11	1.1 Domestic	206,448	57,902	3,472	145,073	224,862	63,066	3,782	158,014
12	1.1A Domestic All Electric	12,172,687	6,989,193	495,604	4,687,891	13,258,454	7,612,607	539,810	5,106,037
13	Subtotal Domestic	12,379,135	7,047,094	499,076	4,832,965	13,483,316	7,675,674	543,592	5,264,050
14	2.1 General Service 0-10 kW	302,668	72,906	6,891	222,871	329,665	79,409	7,506	242,750
15	2.2 General Service 10-100 kW	1,963,429	1,326,045	116,569	520,815	2,138,561	1,444,324	126,967	567,270
16	2.3 General Service 110-1,000 kVa	2,864,082	2,445,074	242,120	176,888	3,119,549	2,663,167	263,717	192,666
17	2.4 General Service Over 1,000 kVa	2,090,121	1,862,739	221,928	5,454	2,276,554	2,028,890	241,723	5,940
18	4.1 Street and Area Lighting	439,585	21,166	1,493	416,925	478,795	23,054	1,626	454,114
19	Subtotal Rural	20,039,020	12,775,026	1,088,077	6,175,917	21,826,439	13,914,519	1,185,131	6,726,790
20	Total Labrador Interconnected	29,211,220	21,902,471	1,088,077	6,220,671	30,998,639	23,041,964	1,185,131	6,771,544

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1	Island Interconnected					
2	Newfoundland Power	17,004,014	6,014,582	1	12	
3	Industrial - Firm	1,095,600	613,371	6	72	
	Industrial - Non-Firm	-	-	-	-	
	Rural					
4	1.1 Domestic	-	108,816	11,494	137,927	
5	1.12 Domestic All Electric	-	146,706	8,714	104,563	
6	1.3 Special	-	345	1	12	
7	2.1 General Service 0-10 kW	248,253	72,837	3,042	36,498	
8	2.2 General Service 10-100 kW	-	-	-	-	
9	2.3 General Service 110-1,000 kVa	171,006	54,457	84	1,002	
10	2.4 General Service Over 1,000 kVa	127,708	40,282	8	96	
11	4.1 Street and Area Lighting	-	2,077	1,057	12,678	
12	Subtotal Rural	546,967	425,520	24,398	292,776	
13	Total Island Interconnected	18,646,582	7,053,473	24,405	292,860	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1		2	3	4	5	
Isolated Systems :						
1	1.2 Domestic Diesel	-	30,253	2,900	33,323	
2	2.1 General Service 0-10 kW	-	4,217	449	5,394	
3	2.2 GS 10-100 kW	42,671	11,014	129	1,546	
4	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
5	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
6	Subtotal Metered Demand Classes	58,732	15,180	136	1,630	
7	4.1 Street and Area Lighting	-	209	157	1,884	
8	Total Isolated Systems	58,732	49,858	3,642	42,230	
Island Isolated						
9	1.2 Domestic Diesel	-	4,272	560	6,534	
10	2.1 General Service 0-10 kW	-	564	63	752	
11	2.2 GS 10-100 kW	3,304	843	7	84	
12	2.3 GS 110-1,000 kVa	-	-	-	-	
13	2.4 General Service Over 1,000 kVa	-	-	-	-	
14	4.1 Street and Area Lighting	-	34	34	408	
15	Total Island Isolated	3,304	5,712	663	7,778	
Labrador Isolated						
16	1.2 Domestic Diesel	-	25,980	2,340	26,789	
17	2.1 General Service 0-10 kW	-	3,653	387	4,642	
18	2.2 GS 10-100 kW	39,367	10,170	122	1,462	
19	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
20	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
21	4.1 Street and Area Lighting	-	175	123	1,476	
22	Total Labrador Isolated	55,428	44,146	2,979	34,453	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1						
2						
3						
4						
5						
6						
7						
	L'Anse au Loup					
1	1.1 Domestic	-	4,926	414	4,962	
2	1.12 Domestic All Electric	-	11,158	479	5,748	
3	2.1 General Service 0-10 kW	23,004	6,468	196	2,346	
4	2.2 General Service 10-100 kW	-	-	-	-	
5	2.3 General Service 110-1,000 kVa	9,166	2,346	7	79	
6	4.1 Street and Area Lighting	-	65	38	456	
7	Total L'Anse au Loup	32,170	24,963	1,133	13,591	
	Labrador Interconnected					
8	Labrador Industrial - Firm	3,804,000	1,902,365	-	-	
9	Labrador Industrial - Non-Firm	-	-	-	-	
10	CFB - Goose Bay Secondary	-	-	-	-	
	Rural					
11	1.1 Domestic	-	2,273	316	3,786	
12	1.1A Domestic All Electric	-	320,448	10,070	120,840	
13	Subtotal Domestic	-	322,721	10,386	124,626	
14	2.1 General Service 0-10 kW	-	4,418	429	5,142	
15	2.2 General Service 10-100 kW	248,712	74,799	759	9,102	
16	2.3 General Service 110-1,000 kVa	449,945	155,037	197	2,358	
17	2.4 General Service Over 1,000 kVa	238,486	144,227	6	72	
18	4.1 Street and Area Lighting	-	967	398	4,776	
19	Subtotal Rural	937,142	702,170	12,173	146,076	
20	Total Labrador Interconnected	4,741,142	2,604,535	12,173	146,076	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Rate Calculations for Newfoundland Power

Line No.	1	2	3
	Description	Amount	Source
	Newfoundland Power:		
	Demand:		
1	Rate (\$/kW/mo.)	\$5.50	
2	Billing Units (kW)	17,004,014	Sch 1.3.2, pg 1, Ln 1, Col 2
3	Demand Revenue	\$93,522,079	Ln 1 * Ln 2
	Energy (First Block):		
4	Total Revenue Requirement	\$1,104,914,659	Sch 1.2, pg 1, Ln 1, Col 6
5	Less: Demand Revenue	\$93,522,079	Ln 3
6	Less: Second Block Energy Revenue (winter)	\$138,546,777	Ln 11 * Ln 13
7	Less: Second Block Energy Revenue (non-winter)	\$51,084,861	Ln 14 * Ln 16
8	First Block Energy Revenue	<u>\$821,760,942</u>	Ln 4 - Ln 5 - Ln 6 - Ln 7
9	First Block Energy Consumed (MWh)	3,000,000	
10	Rate (¢/kWh)	27.392	Ln 8 / Ln 9
	Energy (Second Block - Winter):		
11	Energy Consumption (MWh)	1,546,626	
12	Energy Revenue (winter)	\$138,546,777	
13	Rate (¢/kWh)	8.958	
	Energy (Second Block - Non-winter):		
14	Energy Consumption (MWh)	1,467,956	
15	Energy Revenue (non-winter)	\$51,084,861	
16	Rate (¢/kWh)	3.480	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Value of Newfoundland Power Thermal Generation Credit

Line No.	Description	Amount	Source
1	Island Interconnected System:		
2	Generation demand costs (\$)	560,623,780	Sch 2.1A, C. 3, Ln 31
3	Coincident peak (kW)	1,644,378	Sch 3.1A, C. 3, Ln 13
4	Generation demand costs (\$/kW)	<u>340.93</u>	Ln 2 / Ln 3
5	NP thermal generation capacity credit (kW)		
6	Gross value of credit to NP (\$)	<u>39,299</u>	(1)
		<u>13,398,208</u>	Ln 4 x Ln 5
7	Less NP's cost share:		
8	Percentage	89.74%	Sch 3.1A, C. 5, Ln 14
9	Amount (\$)	<u>(12,023,697)</u>	Ln 6 x Ln 8
10	Net value of credit to NP (\$)	<u><u>1,374,511</u></u>	Ln 6 - Ln 9
 (1) NP gas turbine and diesel generation capacity (kW) + System reserve NP thermal generation capacity credit (kW)			
		<u>44,500</u>	
		<u>1,132</u>	
		<u><u>39,299</u></u>	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Firming Up Charge

Line No.	1	2	3	4
	Description	Total	Gas Turbine	Transmission & Terminals
1	Operating & Maintenance	18,091,849	4,264,846	13,827,003
2	O&M Overhead	15,874,399	4,901,340	10,973,058
3	Depreciation	24,638,245	6,720,131	17,918,114
4	Return	40,542,173	7,359,677	33,182,497
5	Total	99,146,666	23,245,994	75,900,672
6	Capacity (kW)		248,500	1,797,100
7	Cost (\$/kW)	\$135.78	\$93.55	\$42.24
8	Transmission coincident peak ⁽¹⁾	1,447,802		
9	Newfoundland Power Sales (MWh)	6,014,582		
10	Rate (\$/kWh)	\$0.03268		

⁽¹⁾ Newfoundland Power Transmission Coincident Peak adjusted for thermal credit in compliance with PU.8(2007).

Schedule 1.7
Page 1 of 1

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Transmission Wheeling Charge

1		2
Line No.	Description	
1	Island Interconnected Transmission Revenue Requirement	75,818,020
2	Transmission Energy Output (MWh)	7,089,578
3	Rate (\$/kWh)	\$0.01069

27

Disposal Gain / Loss

Schedule 2.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 PUB Assessment	21	
1	Expenses				
2	Operating & Maintenance	14,36,329	977,601		Carryforward from Sch.2.4 L.30
3	Fuels-No. 6 Fuel	-	-		Production - Demand, Energy ratios Sch.4.1 L.10
4	Fuels-Diesel	-	-		Production - Demand, Energy ratios Sch.4.1 L.12
5	Fuels-Gas Turbine	-	-		Production - Demand, Energy ratios Sch.4.1 L.11
6	Fuel Supply Deferral	-	-		
7	Power Purchases -CF(L)Co	-	-		Carryforward from Sch.4.4 L.1 - L.7
8	Power Purchases-Other	-	-		Carryforward from Sch.4.4 L.8
9	Power Purchases-MF	-	-		
10	Total Exports	-	-		
11	Power Purchases - LTA Costs	-	-		Carryforward from Sch.4.4 L.10
12	Power Purchases - LIL Costs	-	-		
13	Rate Mitigation	-	-		Carryforward from Sch.4.4 L.11
14	Tariff Revenue	-	-		Carryforward from Sch.2.5 L.42
15	Depreciation	-	-		
15	Expense Credits				
16	Sundry	(4,698)	(3,197)		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
17	Greenhouse Gas Carbon Credits	-	-		
18	Building Rental Income	-	-		Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.35
19	Tax Refunds	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
20	Suppliers' Discounts	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
21	Pole Attachments	-	-		Prorated on Distribution Poles - Sch.4.1 L.37
22	Secondary Energy	-	-		Production - Energy
23	Wheeling Revenues	-	-		Transmission - Demand
24	Application Fees	-	-		Accounting - Customer
25	Meter Test Revenues	-	-		Meters - Customer
25	Total Expense Credits	(4,698)	(3,197)		
26	Subtotal Expenses	1,431,632	974,404		
27	Disposal Gain / Loss	-	-		Prorated on Total Net Book Value - Sch.2.3 L.42
28	Subtotal Revenue Requirement Ex. Return	1,431,632	974,404		
29	Return on Debt	-	-		Prorated on Rate Base - Sch.2.6 L.10
30	Return on Equity	-	-		Prorated on Rate Base - Sch.2.6 L.12
31	Total Revenue Reqmt	1,431,632	974,404		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service StudyFunctional Classification of Plant in Service for the Allocation of O&M Expense
Island Interconnected

Line No.	Description	1	2	3	4	5	6		7	8		9	10		11	12		13	14	15	16	17	18
							Rural Prod & Transmission			Distribution			Primary Lines			Line Transformers							
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Demand (\$)	Demand (\$)		Demand (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Specifically Assigned Customer (\$)
Production	Hydraulic																						
	1 Bay D'Espoir		1,114,924,927	554,259,624	560,665,304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2 Upper Salmon		700,315	352,169	352,169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3 Hinds Lake		2,313,263	1,149,986	1,163,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4 Cat Arm		1,149,439	571,418	578,021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5 Paradise River			109,003	110,263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6 Granite Canal		1,090,425	542,080	548,345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7 Exploits		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8 Star Lake		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9 Other Hydraulic		282,500	140,438	142,062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Hydraulic		1,120,680,135	557,120,694	563,559,441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11 Holyrood		437,045,123	388,270,887	48,774,236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12 Gas Turbines		200,469,524	200,469,524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	13 Roddickton		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	14 Diesel		12,942,773	12,942,773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Production Transmission		1,771,137,554	1,158,803,878	612,333,676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	16 Lines		678,735,396	16,818,824	17,014,214	510,359,668	93,873,902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40,667,788	
	17 Terminal Stations		364,335,330	-	-	311,535,934	30,123,467	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,675,929	
Transmission	18 Term Sns - Hydraulic		55,383,108	27,532,455	27,850,653	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	19 Term Sns - Holyrood		15,948,999	14,169,091	1,779,908	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	20 Term Sns - Gas Tur/Dsl		453,488	453,488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21 Term Sns - Distribution		19,394,860	-	-	-	19,394,860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	22 Subtotal Term Sns		455,515,786	42,155,034	29,630,561	311,535,934	30,123,467	19,394,860	-	-	-	-	-	-	-	-	-	-	-	-	-	22,675,929	
	23 Subtotal Transmission		1,134,251,182	58,974,858	46,644,775	821,895,602	123,997,369	19,394,860	-	-	-	-	-	-	-	-	-	-	-	-	-	63,343,717	
	Distribution	24 Substations		44,549,497	-	-	-	-	44,549,497	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		25 Land & Land Improvements		3,384,051	-	-	-	2,551,406	325,038	-	-	-	211,672	-	-	-	-	-	-	-	-	-	-
		26 Poles		160,253,236	-	-	-	92,682,138	31,674,373	-	-	-	19,491,922	-	-	-	-	-	-	-	-	-	-
		27 Primary Conductor & Eqpt		25,812,930	-	-	-	22,896,069	2,916,861	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Submarine Conductor			9,854,684	-	-	-	9,854,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29 Transformers			29,563,425	-	-	-	-	-	10,672,397	-	-	-	18,891,029	-	-	-	-	-	-	-	-	-	
30 Secondary Conductor&Eqpt			3,070,255	-	-	-	-	-	-	1,789,959	-	-	1,280,296	-	-	-	-	-	-	-	-	-	
31 Services			6,162,249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32 Meters			9,766,093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33 Street Lighting			5,258,084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Distribution		287,674,034	-	-	-	-	-	44,549,497	127,984,297	34,916,272	10,672,397	18,891,029	20,983,890	6,162,249	9,766,093	5,258,084	-	-	-	-	-	-	
	35 Subtl Prod, Trans, & Dist General		3,203,063,241	1,217,776,736	658,978,451	821,895,602	123,997,369	63,944,357	127,984,297	34,916,272	10,672,397	18,891,029	20,983,890	6,162,249	9,766,093	5,258,084	-	-	-	-	-	63,343,717	
	36 NLSO		233,673,560	109,613,197	38,726,928	47,661,908	6,622,265	4,454,820	8,401,746	2,292,138	700,608	1,240,134	1,371,523	404,531	1,239,177	345,176	7,543,899	1,895,657	-	-	-	1,895,657	
	37 General		1,935,320	735,793	398,161	496,597	74,920	38,636	77,329	21,097	6,448	11,414	11,172	12,679	3,723	3,177	-	-	-	-	-	38,273	
	38 Telecontrol - Cusimr & Spec		(180,127)	(180,127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	39 Feasibility Studies		(180,127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	40 Feasibility Studies - General		13,917,263	5,291,231	2,863,252	3,571,124	538,767	277,837	556,090	151,711	46,371	82,081	80,342	91,175	26,775	42,434	-	-	-	-	-	275,228	
	41 Software - General		3,452,409,258	1,333,238,831	700,966,792	873,625,231	131,233,322	68,715,650	137,019,463	37,381,217	11,425,524	19,796,065	22,465,267	6,597,278	11,053,604	5,629,283	7,543,899	65,492,875	-	-	-	-	
	42 Total Plant																						

Schedule 2.2A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	19
			Basis of Functional Classification
		Production	
		Hydraulic	
1		Bay D'Espoir	Production - Demand, Energy ratios Sch.4.1 L.1
2		Upper Salmon	Production - Demand, Energy ratios Sch.4.1 L.1
3		Hinds Lake	Production - Demand, Energy ratios Sch.4.1 L.1
4		Cat Arm	Production - Demand, Energy ratios Sch.4.1 L.1
5		Paradise River	Production - Demand, Energy ratios Sch.4.1 L.1
6		Granite Canal	Production - Demand, Energy ratios Sch.4.1 L.1
7		Exploits	Production - Demand, Energy ratios Sch.4.1 L.1
8		Star Lake	Production - Demand, Energy ratios Sch.4.1 L.1
9		Other Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.1, 2
		Subtotal Hydraulic	
10		Holyrood	Production - Demand, Energy ratios Sch.4.1 L.3
11		Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.4
12		Rodrickton	Production - Demand, Energy ratios Sch.4.1 L.3
13		Diesel	Production - Demand, Energy ratios Sch.4.1 L.5
14			
15		Subtotal Production	
		Transmission	
16		Lines	Production - Demand, Energy ratios Sch.4.1 L.17 Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
17		Terminal Stations	Production - Demand, Energy subtotals, L. 16; Transmission - Demand; Spec Assigned - Custmr
18		Term Stns - Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.20
19		Term Stns - Holyrood	Production - Demand, Energy ratios Sch.4.1 L.21
20		Term Stns - Gas Tur/Dsl	Production - Demand, Energy ratios Sch.4.1 L.22, 23
21		Term Stns - Distribution	Distribution - Substations Demand
22		Subtotal Term Stns	
23		Subtotal Transmission	
		Distribution	
24		Substations	Production - Demand; Dist Substns - Demand
25		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
26		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
27		Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
28		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
29		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
30		Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
31		Services	Services Customer
32		Meters	Meters - Customer
33		Street Lighting	Street Lighting - Customer
34		Subtotal Distribution	
35		Subtl Prod, Trans, & Dist	
36		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.15, 16
37			
38		Telecontrol - Custmr & Spec	Specifically Assigned - Customer
39		Feasibility Studies	Production, Transmission - Demand
40		Feasibility Studies - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
41		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
42		Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Net Book Value

[illegible]

Island Interconnected

7 8 9 10

Line No.	Description	Total Amount (\$)	3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18
			Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)																
								Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					Demand (\$)	Customer (\$)														
Production																																	
1	1 Hydraulic	15,587,945	7,749,193	7,838,752	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	2 Holyrood / Thermal	20,137,025	17,889,733	2,247,292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	3 Roddickon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	4 Gas Turbine	4,183,851	4,183,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	5 Diesel	322,873	322,873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	6 Other	715,584	468,186	247,398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Subtotal Production	40,947,279	30,813,837	10,333,442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Transmission																																	
8	8 Transmission Lines	2,078,729	54,796	1,662,675	305,827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	9 Terminal Stations	5,948,514	549,183	4,058,593	392,439	252,670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	10 Other	10,784,474	581,624	8,105,734	1,222,892	191,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	Subtotal Transmission	18,811,716	1,185,604	901,470	13,827,003	1,921,158	443,947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Distribution																																	
12	12 Other	5,483,071	-	-	-	-	848,423	2,437,397	664,963	203,250	359,770	352,146	399,628	117,357	-	100,138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	13 Meters	359,493	-	-	-	-	-	-	-	-	-	-	-	-	-	359,493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Subtotal Distribution	5,842,563	-	-	-	-	848,423	2,437,397	664,963	203,250	359,770	352,146	399,628	117,357	359,493	100,138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Subtl Prod, Trans, & Dist	65,601,559	31,799,440	11,234,912	13,827,003	1,921,158	1,292,370	2,437,397	664,963	203,250	359,770	352,146	399,628	117,357	359,493	100,138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	532,535		
16	Customer Accounting	2,188,530	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Administrative & General:																																	
Plant-Related:																																	
17	17 Production	7,256,926	4,747,996	2,508,930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
18	18 Prod - Gas Turb & Diesel	2,043,182	2,043,182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
19	19 Transmission	5,495,558	302,640	4,217,708	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	20 Distribution	2,747,806	-	-	-	-	411,232	1,181,411	322,309	98,516	174,381	170,686	193,700	56,883	90,150	48,537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
21	Prod, Trans, Dstn and General	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	Plant	280,720	110,504	58,099	72,409	10,877	5,695	11,357	3,098	947	1,676	1,641	1,862	547	916	467	625	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
23	Prod, Trans, Dstn, Excl	630,854	108,620	327,748	49,447	25,499	25,499	51,036	13,924	4,256	7,533	7,374	8,368	2,457	3,894	2,097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24	Hydraulic & Holyrood	2,927,026	1,546,264	803,125	424,143	43,418	80,700	9,998	2,728	834	1,476	1,445	1,639	481	1,468	411	8,896	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Revenue-Related:																																	
25	Municipal Tax	1,436,329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
26	PUB Assessment	977,601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
27	All Expense-Related	28,306,854	13,383,510	4,728,465	5,819,405	808,563	543,923	1,025,833	279,865	85,543	151,417	148,209	168,192	49,392	151,301	42,145	921,092	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28	Prod, Trans, and Dstn Expense-Related	526,392	256,761	111,644	15,512	10,435	10,435	19,680	5,369	1,641	2,905	2,843	3,227	948	2,903	809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
29	Subtotal Admin & General	52,629,248	22,499,476	8,447,301	10,973,058	1,564,132	1,177,013	2,299,317	677,292	191,736	339,389	332,197	376,988	110,709	250,632	94,465	930,613	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
30	Total Operating & Maintenance Expenses	120,419,337	54,298,916	19,682,212	24,800,061	3,485,290	2,469,383	4,736,713	1,292,255	394,987	699,159	684,343	776,616	228,066	610,124	194,602	3,119,143	-	-	-	-	-	-	-	-	-	-	-	-	-	532,535		

Schedule 2.4A
Page 2 of 2

NEFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 PUB Assessment	21	
1	Production				
2	Hydraulic	-	-	-	Prorated on Hydraulic Plant in Service - Sch.2.2 L.10
3	Holymood / Thermal	-	-	-	Prorated on Holymood Plant in Service - Sch.2.2 L.11
4	Roddickton	-	-	-	Prorated on Roddickton Plant in Service - Sch.2.2 L.13
5	Gas Turbine	-	-	-	Prorated on Gas Turbines Plant in Service - Sch.2.2 L.12
6	Diesel	-	-	-	Prorated on Diesel Plant in Service - Sch.2.2 L.14
7	Other	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.15
	Subtotal Production	-	-	-	
8	Transmission				
9	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.16
10	Terminal Stations	-	-	-	Prorated on Terminal Stations Plant in Service - Sch.2.2 L.22
11	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.23
	Subtotal Transmission	-	-	-	
12	Distribution				
13	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 34, less L. 32
14	Meters	-	-	-	Meters - Customer
	Subtotal Distribution	-	-	-	
15	Subtl Prod, Trans, & Dist	-	-	-	
16	Customer Accounting	-	-	-	Accounting - Customer
	Administrative & General:				
	Plant-Related:				
17	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.15
18	Prod - Gas Turb & Diesel	-	-	-	Prorated on Gas Turbine & Diesel Production Plant in Service - Sch.2.2 L.12, 14
19	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.23
20	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.34
21	Prod, Trans, Distn	-	-	-	Prorated on Prod, Trans & Distribution Plant in Service - Sch.2.2 L.35
22	Plant	-	-	-	Prorated on Total Plant in Service, Sch. 2.2 L. 42
23	Prod, Trans, Distn, Excl Hydraulic & Holymood	-	-	-	Prorated on Total Plant in Service, Sch. 2.2 L. 35 Less L. 10 and L. 11
24	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.15, 22, 24, 36 - 38
25	Revenue-Related:				
26	Municipal Tax	1,436,329	-	-	Revenue-related
27	PUB Assessment	-	977,601	-	Revenue-related
28	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L. 15, 16
29	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L. 15
	Subtotal Admin & General	-	-	-	
	Subtotal Admin & General	1,436,329	977,601		
	Total Operating & Maintenance Expenses	1,436,329	977,601		

NEFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6	7	Transmission & Distribution Expenses								16	17	18				
								Rural Prod & Transmission		Substations		Primary Lines		Line Transformers					Secondary Lines		Services	
								Demand	Energy	Demand		Demand	Customer	Demand	Customer				Demand	Customer	Demand	Customer
Production Hydraulic		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)			
1	Bay D'Esprit	18,997,665	9,444,258	9,553,407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Upper Salmon	14,735	7,325	7,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hinds Lake	30,668	15,246	15,422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Cat Arm	5,515	2,741	2,773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Paradise River	172	85	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Granite Canal	11,636	5,785	5,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Exploits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	Muskkrat Falls Sustaining	720,638	358,249	362,389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	Other Small Hydraulic	3,222	1,602	1,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Subtotal Hydraulic	19,784,250	9,835,291	9,948,959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	Holyrood	31,706,547	28,168,096	3,538,451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Gas Turbines	5,751,897	5,751,897	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	Rodidickon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Diesel	200,824	200,824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Subtotal Production	57,443,518	43,956,108	13,487,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Transmission																						
16	Lines	10,711,225	303,276	306,781	8,146,139	1,411,968	-	-	-	-	-	-	-	-	-	-	-	-	-	543,062		
17	Terminal Stations	7,749,078	-	-	6,810,065	568,684	-	-	-	-	-	-	-	-	-	-	-	-	-	370,329		
18	Term Sins - Hydraulic	930,929	462,790	468,139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
19	Term Sins - Holyrood	396,428	352,187	44,241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Term Sins - Gas Tur/Dsl	9,923	9,923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
21	Term Sins - Distribution	381,353	-	-	-	-	381,353	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	Subtotal Term Sins	9,467,711	824,900	512,380	6,810,065	568,684	381,353	-	-	-	-	-	-	-	-	-	-	-	-	370,329		
23	Subtotal Transmission	20,178,936	1,128,176	819,161	14,956,204	1,980,652	381,353	-	-	-	-	-	-	-	-	-	-	-	-	913,390		
Distribution																						
24	Substations	1,291,292	-	-	-	-	1,291,292	-	-	-	-	-	-	-	-	-	-	-	-	-		
25	Land & Land Improvements	43,713	-	-	-	-	-	32,958	4,199	-	-	-	2,734	-	-	-	-	-	-	-		
26	Poles	4,179,458	-	-	-	-	-	2,417,181	826,078	-	-	-	508,356	-	-	-	-	-	-	-		
27	Primary Conductor & Eqpt	547,959	-	-	-	-	-	486,039	61,919	-	-	-	-	-	-	-	-	-	-	-		
28	Submarine Conductor	178,060	-	-	-	-	-	178,060	-	-	-	-	-	-	-	-	-	-	-	-		
29	Transformers	761,905	-	-	-	-	-	-	-	275,048	486,857	-	-	-	-	-	-	-	-	-		
30	Secondary Conductor&Eqpt	42,305	-	-	-	-	-	-	-	-	-	24,664	17,641	-	-	-	-	-	-	-		
31	Services	116,962	-	-	-	-	-	-	-	-	-	-	-	116,962	-	-	-	-	-	-		
32	Meters	516,551	-	-	-	-	-	-	-	-	-	-	-	-	516,551	-	-	-	-	-		
33	Street Lighting	207,811	-	-	-	-	-	-	-	-	-	-	-	-	-	207,811	-	-	-	-		
34	Subtotal Distribution	7,886,016	-	-	-	-	1,291,292	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-	-		
35	Subtl Prod, Trans, & Dist	85,508,470	45,084,284	14,306,571	14,956,204	1,980,652	1,672,645	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-	913,390		
36	General	11,618,932	5,450,288	1,925,616	2,369,889	329,278	221,507	417,759	113,972	34,836	61,663	60,356	68,494	20,114	61,615	17,163	375,105	91,274	-	-		
37	NLSO	10,963	5,780	1,834	1,917	254	214	399	114	35	62	59	68	15	66	27	-	-	-	117		
38	Telecontrol - Custmr & Spec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
39	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40	GEC and AFUDC	383,174	202,028	64,110	67,021	8,876	7,495	13,955	3,998	1,233	2,182	2,045	2,369	524	2,315	931	-	-	-	4,093		
41	Software - General	2,990,596	1,576,790	500,362	523,082	69,272	58,500	108,918	31,204	9,620	17,027	15,960	18,492	4,091	18,066	7,268	-	-	-	31,945		
42	Total Depreciation Expense	100,512,135	52,319,170	16,798,492	17,918,114	2,388,332	1,960,361	3,655,270	1,041,484	320,771	567,792	534,749	618,155	141,706	598,613	233,200	375,105	1,040,820	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Secondary Lines Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Average Net Book Value		2,102,740,030	758,094,653	476,193,027	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,593,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	3,543,749	28,319,660
2	Cash Working Capital (Including Muskkrat Falls)		116,490,187	41,997,863	26,380,729	33,222,829	3,027,263	3,606,074	3,166,435	870,671	309,332	547,543	438,634	501,384	108,999	417,010	130,212	196,321	1,568,887
3	Fuel Inventory - No. 6 Fuel		53,963,965	-	53,963,965	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuel Inventory - Diesel		180,546	180,546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Fuel Inventory - Gas Turbine		7,763,006	7,763,006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Inventory/Supplies		39,481,123	15,246,676	8,016,128	9,990,619	1,500,760	785,820	1,566,930	427,485	130,664	231,286	226,384	256,909	75,445	126,407	64,375	86,271	748,965
7	Deferred Charges: Muskkrat Falls		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Deferred Charges: Foreign Exchange Loss and Regulatory Costs		47,775	42,443	5,332	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Regulatory Costs		101,068,768	36,438,024	22,888,347	28,824,663	2,626,502	3,128,688	2,747,250	755,408	268,381	475,057	380,566	435,009	94,570	361,805	112,974	170,331	1,361,192
10	Retired Asset Pool		28,866,724	10,407,235	6,537,248	8,232,747	750,168	893,599	784,655	215,756	76,654	135,683	108,695	124,245	27,010	103,337	32,267	48,649	388,776
11	Total Rate Base		2,450,602,123	870,170,446	593,984,776	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481
12	Less: Rural Asset Portion		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Rate Base Available for Equity Return		2,450,602,123	870,170,446	593,984,776	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481
14	Return on Debt		73,763,124	26,192,130	17,878,942	20,467,073	1,882,730	2,212,551	1,969,200	541,367	191,698	339,322	273,066	312,075	68,434	256,931	80,977	121,764	974,863
15	Return on Equity		45,826,260	16,272,187	11,107,515	12,715,424	1,169,670	1,374,575	1,223,390	336,331	119,095	210,808	169,646	193,880	42,515	159,622	50,308	75,647	605,646
16	Return on Rate Base		119,589,384	42,464,318	28,986,457	33,182,497	3,052,400	3,587,126	3,192,590	877,699	310,793	550,130	442,712	505,955	110,949	416,553	131,285	197,412	1,580,509

Schedule 26A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	1	19	Basis of Functional Classification
1	Average Net Book Value		Sch. 2.3 , L. 42	
2	Cash Working Capital (Including Muskrat F. Prorated on Average Net Book Value, L. 1			
3	Fuel Inventory - No. 6 Fuel		Production - Demand, Energy ratios Sch.4.1 L.10	
4	Fuel Inventory - Diesel		Production - Demand, Energy ratios Sch.4.1 L.12	
5	Fuel Inventory - Gas Turbine		Production - Demand, Energy ratios Sch.4.1 L.11	
6	Inventory/Supplies		Prorated on Total Plant in Service, Sch. 2.2, L. 42	
7	Deferred Charges: Muskrat Falls Deferred Charges: Foreign Exchange Loss and Regulatory Costs		Production - Demand, Energy ratios Sch.4.1 L.3	
8	Retired Asset Pool		Prorated on Average Net Book Value, L. 1	
9	Total Rate Base		Prorated on Average Net Book Value, L. 1	
10				
11	Less: Rural Asset Portion		N/A	
12	Rate Base Available for Equity Return			
13	Return on Debt		L.10 x Sch.1.1 p2 L.16	
14	Return on Equity		L.12 x Sch.1.1 p2 L.19	
15	Return on Rate Base			

Ratios Excluding Return on Equity

Schedule 3.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	19		20	
		Revenue Related		PUB	
		Municipal Tax (Prior Year (Rural Revenues)		Assessment (Prior Year (Revenues + RSP)	
Amounts					
1	Newfoundland Power	-	-	484,507,755	
2	Industrial - Firm	-	-	43,914,366	
3	Industrial - Non-Firm	-	-	-	
Rural					
4	1.1 Domestic	13,704,053		13,704,053	
5	1.12 Domestic All Electric	17,350,913		17,350,913	
6	1.3 Special	19,223		19,223	
7	2.1 GS 0-10 kW	9,465,475		9,465,475	
8	2.2 GS 10-100 kW	-		-	
9	2.3 GS 110-1,000 kVa	6,141,548		6,141,548	
10	2.4 GS Over 1,000 kVa	3,400,344		3,400,344	
11	4.1 Street and Area Lighting	993,685		993,685	
12	Subtotal Rural	51,075,241		51,075,241	
13	Total	51,075,241		579,497,362	
Ratios Excluding Return on Equity					
14	Newfoundland Power	-		0.8361	
15	Industrial - Firm	-		0.0758	
16	Industrial - Non-Firm	-		-	
Rural					
17	1.1 Domestic	0.2683		0.0236	
18	1.12 Domestic All Electric	0.3397		0.0299	
19	1.3 Special	0.0004		0.0000	
20	2.1 GS 0-10 kW	0.1853		0.0163	
21	2.2 GS 10-100 kW	-		-	
22	2.3 GS 110-1,000 kVa	0.1202		0.0106	
23	2.4 GS Over 1,000 kVa	0.0666		0.0059	
24	4.1 Street and Area Lighting	0.0195		0.0017	
25	Subtotal Rural	1.0000		0.0681	
26	Total	1.0000		1.0000	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Interconnected

Allocation of Functionalized Amounts to Classes of Service

[illegible]

Schedule 3.2A
Page 2 of 4

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		19 Municipal Tax	20 PUB Assessment (\$)
1	Allocated Rev Reqmt Excl Return		
2	Newfoundland Power	-	814,682
3	Industrial - Firm	-	73,840
	Industrial - Non-Firm	-	-
	Rural		
4	1.1 Domestic	384,123	23,043
5	1.12 Domestic All Electric	486,344	29,175
6	1.3 Special	539	32
7	2.1 GS 0-10 kW	265,316	15,916
8	2.2 GS 10-100 kW	-	-
9	2.3 GS 110-1,000 kVa	172,147	10,327
10	2.4 GS Over 1,000 kVa	95,311	5,718
11	4.1 Street and Area Lighting	27,853	1,671
12	Subtotal Rural	1,431,632	85,881
13	Total	1,431,632	974,404
	Allocated Return on Debt		
14	Newfoundland Power	-	-
15	Industrial - Firm	-	-
16	Industrial - Non-Firm	-	-
	Rural		
17	1.1 Domestic	-	-
18	1.12 Domestic All Electric	-	-
19	1.3 Special	-	-
20	2.1 GS 0-10 kW	-	-
21	2.2 GS 10-100 kW	-	-
22	2.3 GS 110-1,000 kVa	-	-
23	2.4 GS Over 1,000 kVa	-	-
24	4.1 Street and Area Lighting	-	-
25	Subtotal Rural	-	-
26	Total	-	-
	Allocated Return on Equity		
27	Newfoundland Power	-	-
28	Industrial - Firm	-	-
29	Industrial - Non-Firm	-	-
	Rural		
30	1.1 Domestic	-	-
31	1.12 Domestic All Electric	-	-
32	1.3 Special	-	-
33	2.1 GS 0-10 kW	-	-
34	2.2 GS 10-100 kW	-	-
35	2.3 GS 110-1,000 kVa	-	-
36	2.4 GS Over 1,000 kVa	-	-
37	4.1 Street and Area Lighting	-	-
38	Subtotal Rural	-	-
39	Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Island Interconnected

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

[illegible]

Schedule 3.2A
Page 4 of 4

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

	19	20
	Revenue Related	
Line No.	Municipal Tax (\$)	PUB Assessment (\$)
		Basis of Proration
Total Revenue Requirement		
40 Newfoundland Power	-	814,682
41 Industrial - Firm	-	73,840
42 Industrial - Non-Firm	-	-
Rural		
43 1.1 Domestic	384,123	23,043
44 1.1.2 Domestic-All Electric	486,344	29,175
45 1.3 Special	539	32
46 2.1 GS 0-10 kW	265,316	15,916
47 2.2 GS 10-100 kW	-	-
48 2.3 GS 110-1,000 kVa	172,147	10,327
49 2.4 GS Over 1,000 kVa	95,311	5,718
50 4.1 Street and Area Lighting	27,853	1,671
51 Subtotal Rural	1,431,632	85,881
52 Total	1,431,632	974,404
Re-classification of Revenue-Related		
53 Newfoundland Power	-	(814,682)
54 Industrial - Firm	-	(73,840)
55 Industrial - Non-Firm	-	-
Rural		
56 1.1 Domestic	(384,123)	(23,043)
57 1.1.2 Domestic-All Electric	(486,344)	(29,175)
58 1.3 Special	(539)	(32)
59 2.1 GS 0-10 kW	(265,316)	(15,916)
60 2.2 GS 10-100 kW	-	-
61 2.3 GS 110-1,000 kVa	(172,147)	(10,327)
62 2.4 GS Over 1,000 kVa	(95,311)	(5,718)
63 4.1 Street and Area Lighting	(27,853)	(1,671)
64 Subtotal Rural	(1,431,632)	(85,881)
65 Total	(1,431,632)	(974,404)
Total Allocated Revenue Requirement		
66 Newfoundland Power	-	-
67 Industrial - Firm	-	-
68 Industrial - Non-Firm	-	-
Rural		
69 1.1 Domestic	-	-
70 1.1.2 Domestic-All Electric	-	-
71 1.3 Special	-	-
72 2.1 GS 0-10 kW	-	-
73 2.2 GS 10-100 kW	-	-
74 2.3 GS 110-1,000 kVa	-	-
75 2.4 GS Over 1,000 kVa	-	-
76 4.1 Street and Area Lighting	-	-
77 Subtotal Rural	-	-
78 Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Specifically Assigned Amounts to Classes of Service

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Description		Total Amount (\$)	Transmission Lines (\$ (Plant))	Transmission Terminals (\$ (Plant))	OM&A Administrative & General (\$ (C3 & C4))	Other (\$ (C3 & C4))	Transmission Lines (\$ (Direct))	Transmission Terminals (\$ (Direct))	Telecontrol & Feasibility Study (\$ (Direct))	General (\$ (Exp C3,4,6))	Rental Income (\$ (Plant))	Expense Credits Other (\$ (C6))	Gains/Losses (\$ (NBV))	Subtotal Excluding Return (\$)	Return on Debt (\$ (NBV))	Return on Equity (\$ (NBV))	Subtotal Exd Rev Related (\$)	Revenue Related (\$)
Basis of Allocation - Amounts																		
1 Newfoundland Power Industrial			28,117,625	14,054,941	42,172,565	42,172,565	-	-	-	391,617	42,172,565	42,172,565	24,396,729	-	24,396,729	24,396,729	-	-
2 Vale		668,081	3,422,177	16,570	4,090,259	4,090,259	-	-	-	86,509	4,090,259	4,090,259	2,197,177	-	2,197,177	2,197,177	-	-
3 Corner Brook P & P - CB		-	-	56,030	56,030	56,030	-	-	-	-	56,030	56,030	11,326	-	11,326	11,326	-	-
4 Corner Brook P & P - DL		-	-	1,820,569	1,820,569	1,820,569	-	-	-	34,958	1,820,569	1,820,569	658,707	-	658,707	658,707	-	-
5 North Atlantic Refining Limited		4,534,363	947,903	5,482,265	5,482,265	5,482,265	-	-	-	8,049	5,482,265	5,482,265	(72)	-	(72)	(72)	-	-
6 Teck Resources		7,347,720	2,357,740	9,705,459	9,705,459	9,705,459	-	-	-	7,723	9,705,459	9,705,459	0	-	0	0	-	-
7 Marathon Gold		12,550,164	8,620,989	21,171,152	21,171,152	21,171,152	-	-	-	140,918	21,171,152	21,171,152	2,862,745	-	2,862,745	2,862,745	-	-
8 Subtotal Industrial		40,667,788	22,675,929	63,343,717	63,343,717	63,343,717	-	-	-	532,535	63,343,717	63,343,717	27,259,474	-	27,259,474	27,259,474	-	-
9 Total																		
Basis of Allocation - Ratios																		
10 Newfoundland Power Industrial			0.6914	0.6198	0.6658	0.6658	-	-	-	0.7354	0.6658	0.6658	0.8950	-	0.8950	0.8950	-	-
12 Vale		0.0164	0.1509	0.0646	0.0646	0.0646	-	-	-	0.1624	0.0646	0.0646	0.0806	-	0.0806	0.0806	-	-
13 Corner Brook P & P - CB		-	0.0007	0.0003	0.0003	0.0003	-	-	-	0.0069	0.0003	0.0003	(0.0002)	-	(0.0002)	(0.0002)	-	-
14 Corner Brook P & P - DL		-	0.0025	0.0009	0.0009	0.0009	-	-	-	-	0.0009	0.0009	0.0004	-	0.0004	0.0004	-	-
15 North Atlantic Refining Ltd.		-	0.0803	0.0287	0.0287	0.0287	-	-	-	0.0656	0.0287	0.0287	0.0242	-	0.0242	0.0242	-	-
16 Teck Resources		0.1115	0.0418	0.0865	0.0865	0.0865	-	-	-	0.0151	0.0865	0.0865	(0.0000)	-	(0.0000)	(0.0000)	-	-
17 Marathon Gold		0.1807	0.1040	0.1532	0.1532	0.1532	-	-	-	0.0145	0.1532	0.1532	0.0000	-	0.0000	0.0000	-	-
18 Subtotal Industrial		0.3086	0.3802	0.3342	0.3342	0.3342	-	-	-	0.2646	0.3342	0.3342	0.1050	-	0.1050	0.1050	-	-
19 Total		1.0000	1.0000	1.0000	1.0000	1.0000	-	-	-	1.0000	1.0000	1.0000	1.0000	-	1.0000	1.0000	-	-
Amounts Allocated																		
20 Newfoundland Power Industrial		2,741,652	-	227,683	-	163,934	536,015	304,821	-	93,709	(79)	(1,160)	-	1,324,923	872,485	542,042	2,739,450	2,202
21 Vale		284,823	-	50,296	-	36,214	7,047	43,021	-	20,701	(8)	(112)	-	157,157	78,576	48,816	284,550	273
22 Corner Brook P & P - CB		4,556	-	2,139	-	1,540	-	247	-	880	(0)	(0)	-	4,807	(157)	(98)	4,552	4
23 Corner Brook P & P - DL		1,261	-	-	-	-	-	605	-	-	(0)	(2)	-	603	405	252	1,260	1
24 North Atlantic Refining Ltd.		103,072	-	20,324	-	14,634	-	21,512	-	8,365	(3)	(50)	-	64,782	23,557	14,635	102,974	99
25 Teck Resources		9,942	-	4,679	-	3,369	-	123	-	1,926	(10)	(151)	-	9,837	(3)	(2)	9,933	10
26 Marathon Gold		9,295	-	4,490	-	3,233	(0)	-	-	1,848	(18)	(267)	-	9,286	0	0	9,286	9
27 Subtotal Industrial		412,949	-	81,929	-	58,990	7,047	65,508	-	33,720	(40)	(582)	-	246,571	102,379	63,604	412,554	396
28 Total		3,154,601	-	309,611	-	222,924	543,062	370,329	-	127,430	(119)	(1,742)	-	1,571,495	974,863	605,646	3,152,004	2,597

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Expenses																			
1	Operating & Maintenance		12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	286,694	96,441	1,787,728		30,171
2	Fuels		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Fuels-Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuels-Gas Turbine		159,728	159,728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Power Purchases-CF(L)Co		1,554,061	515,843	1,038,217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Power Purchases-Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Depreciation		6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	388,338	161,496	184,765	44,474	272,690	91,199	164,902		6,704
Expense Credits																			
8	Sundry		(41,444)	(3,291)	(164)	(15,304)	(2,566)	(4,743)	(1,362)	(1,068)	(1,890)	(752)	(838)	(288)	(938)	(315)	(5,847)		(99)
9	Building Rental Income		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Tax Refunds		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Suppliers' Discounts		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pole Attachments		(249,068)	-	-	-	-	(144,048)	(49,229)	-	-	(25,497)	(30,295)	-	-	-	-	-	-
13	Secondary Energy Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Wheeling Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Application Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Meter Test Revenues		(7,848)	-	-	-	-	-	-	-	-	-	-	-	-	-	(7,848)	-	-
17	Total Expense Credits		(298,359)	(3,291)	(164)	(15,304)	(2,566)	(148,790)	(50,591)	(1,068)	(1,890)	(26,248)	(31,132)	(288)	(938)	(315)	(13,695)		(99)
18	Subtotal Expenses		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935		36,776
19	Disposal Gain / Loss		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal Revenue Requirement Ex. Return		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935		36,776
21	Return on Debt		5,377,680	411,380	-	2,792,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249		4,921
22	Return on Equity		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128		3,057
23	Total Revenue Requirement		29,211,220	2,762,341	1,068,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313		44,754

Schedule 2.1E
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18			19	20	
		Municipal Tax	Revenue Related	PUB Assessment		Basis of Functional Classification	
	Expenses						
1	Operating & Maintenance						
2	Fuels	571,245		34,268		Carryforward from Sch.2.4 L.24	
3	Fuels-Diesel	-		-		- Production - Demand	
4	Fuels-Gas Turbine	-		-		- Production - Demand	
5	Power Purchases -CF(L)Co	-		-		- Carryforward from Sch.4.4 L.17	
6	Power Purchases-Other	-		-		- Carryforward from Sch.4.4 L.18	
7	Depreciation	-		-		- Carryforward from Sch.2.5 L.24	
	Expense Credits						
8	Sundry	(1,868)		(112)		(112) Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
9	Building Rental Income	-		-		- Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.18	
10	Tax Refunds	-		-		- Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
11	Suppliers' Discounts	-		-		- Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Pole Attachments	-		-		- Prorated on Distribution Poles - Sch.4.1 L.37	
13	Secondary Energy Revenues	-		-		- Production - Energy	
14	Wheeling Revenues	-		-		- Transmission - Demand, Energy ratios Sch.4.1 L.16	
15	Application Fees	-		-		- Accounting - Customer	
16	Meter Test Revenues	-		-		- Meters - Customer	
17	Total Expense Credits	(1,868)		(112)			
18	Subtotal Expenses	569,376		34,156			
19	Disposal Gain / Loss	-		-		Prorated on Total Net Book Value - Sch.2.3 L.24	
20	Subtotal Revenue Requirement Ex. Return	569,376		34,156			
21	Return on Debt	-		-		Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-		Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	569,376		34,156			

Schedule 2.2E
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONT'D.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.9
2	Diesel	Production - Demand, Energy ratios Sch.4.1 L.9
3	Subtotal Production	
	Transmission	
4	Lines	Production, Transmission - Demand, Distribution - Primary Demand; Spec Assigned - Custrmr
5	Terminal Stations	Production, Transmission - Demand, Spec Assigned - Custrmr
6	Subtotal Transmission	
	Distribution	
7	Substations	Production - Demand; Dist Substns - Demand
8	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
9	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
10	Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
11	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
12	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
13	Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch. 4.1 L.41
14	Services	Services Customer
15	Meters	Meters - Customer
16	Street Lighting	Street Lighting - Customer
17	Subtotal Distribution	
18	Subttl Prod, Trans, & Dist	
19	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
20	Telecontrol - Specific	Specifically Assigned - Customer
21	Feasibility Studies	Production, Transmission - Demand
22	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.18
23	Software - Cust Acctg	
24	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Net Book Value

Line No.	Description	1	2	3	4	5	6				7				8				9				10				11				12				13				14				15				16	17
							Production		Transmission		Substations		Primary Lines		Line Transformers		Secondary Lines		Services		Meters		Street Lighting		Accounting		Specifically Assigned Customer																					
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Production Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)																														
Production																																																
1	Gas Turbines		10,673,663		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
2	Diesel		384,172		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
3	Subtotal Production		11,057,835		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
Transmission																																																
4	Lines		3,536,019		-	3,536,019	-	-	-	-	-	-	-	-	-	-	-	-	-																													
5	Terminal Stations		86,402,412		-	73,946,857	12,394,404	-	-	-	-	-	-	-	-	-	-	-	-																													
6	Subtotal Transmission		89,938,431		-	77,482,876	12,394,404	-	-	-	-	-	-	-	-	-	-	-	61,151																													
Distribution																																																
7	Substations		9,162,491		-	-	9,162,491	-	-	-	-	-	-	-	-	-	-	-	-																													
8	Land & Land Improvements		602,147		-	-	-	-	453,989	-	-	52,658	-	37,664	-	-	-	-	-																													
9	Poles		17,476,092		-	-	-	-	10,107,263	-	-	1,788,993	-	2,125,652	-	-	-	-	-																													
10	Primary Conductor & Eqpt		3,429,399		-	-	-	-	3,041,877	-	-	-	-	-	-	-	-	-	-																													
11	Submarine Conductor		71,524		-	-	-	-	71,524	-	-	-	-	-	-	-	-	-	-																													
12	Transformers		9,301,909		-	-	-	-	-	3,357,989	5,943,920	-	-	-	-	-	-	-	-																													
13	Secondary Conductor&Eqpt		322,268		-	-	-	-	-	-	-	187,882	134,386	-	-	-	-	-	-																													
14	Services		580,745		-	-	-	-	-	-	-	-	-	580,745	-	-	-	-	-																													
15	Meters		3,208,535		-	-	-	-	-	-	-	-	-	-	3,208,535	-	-	-	-																													
16	Street Lighting		1,011,870		-	-	-	-	-	-	-	-	-	-	-	1,011,870	-	-	-																													
17	Subtotal Distribution		45,166,980		-	-	9,162,491	13,674,652	3,899,543	3,357,989	5,943,920	2,029,533	2,297,702	580,745	3,208,535	1,011,870	-	-	61,151																													
Subtl Prod, Trans, & Dist			146,163,246	11,057,835	-	77,482,876	21,556,895	13,674,652	3,899,543	3,357,989	5,943,920	2,029,533	2,297,702	580,745	3,208,535	1,011,870	-	-	61,151																													
19	General		12,481,459	826,355	-	5,118,627	640,888	1,409,138	404,657	317,298	561,644	223,300	248,941	85,481	300,831	93,720	2,196,319	54,258	-																													
20	Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
21	Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
22	Software - General		1,017,004	76,940	-	539,126	149,993	95,148	27,133	23,365	41,358	14,121	15,987	4,041	22,325	7,041	-	425	-																													
23	Software - Cust Acting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
Total Net Book Value			159,661,709	11,961,131	-	83,140,629	22,347,776	15,178,938	4,331,333	3,698,652	6,546,921	2,266,954	2,562,631	670,268	3,531,691	1,112,631	2,196,319	115,834	-																													

Schedule 2.4E
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	18			Basis of Functional Classification	20
		Municipal Tax	Revenue Related	PUB Assessment		
	Production					
1	Gas Turbine / Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9	
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9	
3	Subtotal Production					
	Transmission					
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.4	
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.5	
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.6	
7	Subtotal Transmission					
	Distribution					
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 17, less L. 15	
9	Meters	-	-	-	Meters - Customer	
10	Subtotal Distribution					
11	Subttl Prod, Trans, & Dist					
12	Customer Accounting Conservation and Demand Management Administrative & General:	-	-	-	Accounting - Customer	
	Plant-Related:					
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.3	
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L. 6	
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.17	
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission, Distribution Plant in Service - Sch.2.2 L. 18	
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.24	
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.3, 5, 7, 19 - 20	
19	Revenue-Related:					
20	Municipal Tax	571,245	-	-	Revenue-related	
21	PUB Assessment	-	-	34,268	Revenue-related	
22	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12	
23	Prod,Trans & Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	
	Subtotal Admin & General	571,245		34,268		
24	Total Operating & Maintenance Expenses	571,245		34,268		

NEWFOUNDLAND AND LABRADOR HYDRO																			
2027 Test Year Cost of Service Study																			
Line No.	Description	Functional Classification of Depreciation Expense																	
		Labrador Interconnected																	
		2	3	4	5	6	Primary Lines			Line Transformers			Distribution						
							Substations	Transmission	Production	Demand	Customer	Demand	Customer	Demand	Customer	Secondary Lines	Services	Meters	Street Lighting
17	Specifically Assigned Customer (\$)																		
Production																			
1	Gas Turbines	323,490	323,490	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Diesel	17,541	17,541	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Subtotal Production	341,031	341,031	-	-	-	-	-	-	-	-	-	-	-	-	-			
Transmission																			
4	Lines	86,938	-	-	86,938	-	-	-	-	-	-	-	-	-	-	-			
5	Terminal Stations	2,242,671	-	-	1,800,904	439,240	-	-	-	-	-	-	-	-	-	2,528			
6	Subtotal Transmission	2,329,609	-	-	1,887,841	439,240	-	-	-	-	-	-	-	-	-	2,528			
Distribution																			
7	Substations	263,747	-	-	-	263,747	-	-	-	-	-	-	-	-	-	-			
8	Land & Land Improvements	12,923	-	-	-	-	9,743	1,241	-	-	1,130	808	-	-	-	-			
9	Poles	1,241,804	-	-	-	-	718,195	245,445	-	-	127,121	151,043	-	-	-	-			
10	Primary Conductor & Equip	149,360	-	-	-	-	132,482	16,878	-	-	-	-	-	-	-	-			
11	Submarine Conductor	20,152	-	-	-	-	20,152	-	-	-	-	-	-	-	-	-			
12	Transformers	520,645	-	-	-	-	-	-	187,953	332,692	-	-	-	-	-	-			
13	Secondary Conductor & Equip	18,601	-	-	-	-	-	-	-	-	10,844	7,757	-	-	-	-			
14	Services	36,575	-	-	-	-	-	-	-	-	-	36,575	-	-	-	-			
15	Meters	240,366	-	-	-	-	-	-	-	-	-	-	240,366	-	-	-			
16	Street Lighting	80,886	-	-	-	-	-	-	-	-	-	-	-	80,886	-	-			
17	Subtotal Distribution	2,585,068	-	-	263,747	880,572	263,564	187,953	332,692	332,692	139,095	159,608	36,575	240,366	80,886	-			
18	Subtl Prod, Trans, & Dist	5,255,698	341,031	-	1,887,841	702,988	880,572	263,564	187,953	332,692	139,095	159,608	36,575	240,366	80,886	2,528			
19	General	937,122	62,044	-	384,312	48,119	105,800	30,382	23,823	42,169	16,766	18,691	6,418	22,587	7,037	164,902			
20	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,074			
21	GEC and AFUDC	29,095	1,888	-	10,451	3,892	4,875	1,459	1,040	1,842	770	884	202	1,331	448	14			
22	Software - General	183,814	11,927	-	66,026	24,586	30,797	9,218	6,574	11,636	4,865	5,582	1,279	8,407	2,829	-			
23	Software - Cust Acting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88			
24	Total Depreciation Expense	6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	388,338	161,496	184,765	44,474	272,690	91,199	164,902			

NEWFOUNDLAND AND LABRADOR HYDRO																				
2027 Test Year Cost of Service Study																				
Labrador Interconnected																				
Functional Classification of Rate Base																				
Line No.	Description	1	2	3	4	5	6	Primary Lines				Secondary Lines				13	14	15	16	17
								Substations		Transmission		Production		Demand						
			Total Amount (\$)	Production Demand (\$)	Energy (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Specifically Assigned Customer (\$)	
1	Average Net Book Value		159,661,709	11,961,131	-	83,140,629	22,347,776	15,178,938	4,331,333	3,698,652	6,546,921	2,269,954	2,562,631	670,268	3,531,691	1,112,631	2,196,319		115,834	
2	Cash Working Capital		103,735	7,771	-	54,018	14,520	9,862	2,814	2,403	4,254	1,473	1,665	435	2,295	723	1,427		75	
3	Fuel Inventory - No. 6 Fuel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	
4	Fuel Inventory - Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	
5	Fuel Inventory - Gas Turbine		120,566	120,566	-	-	-	-	-	-	-	-	-	-	-	-	-		-	
6	Inventory/Supplies		2,896,934	388,168	-	988,141	389,788	415,071	119,195	93,462	165,436	65,775	73,327	25,179	59,126	27,606	50,599		36,061	
Deerred Charges:																				
Foreign Exchange Loss and Regulatory																				
7	Costs		7,674,183	574,915	-	3,996,177	1,074,152	729,580	208,187	177,777	314,680	108,962	123,174	32,217	169,752	53,479	105,967		5,568	
8	Retire Asset Pool		8,203,333	614,556	-	4,271,721	1,148,217	779,886	222,542	190,035	336,377	116,475	131,667	34,438	181,456	57,166	112,846		5,951	
9	Total Rate Base		178,660,460	13,667,107	-	92,450,686	24,974,453	17,113,337	4,884,070	4,162,329	7,367,668	2,559,639	2,892,463	762,537	3,944,320	1,251,605	2,466,758		163,489	
10	Less: Rural Portion		-																	
11	Rate Base Available for Equity Return		178,660,460	13,667,107	-	92,450,686	24,974,453	17,113,337	4,884,070	4,162,329	7,367,668	2,559,639	2,892,463	762,537	3,944,320	1,251,605	2,466,758		163,489	
12	Return on Debt		5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249		4,921	
13	Return on Equity		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128		3,057	
14	Return on Rate Base		8,718,630	666,955	-	4,511,593	1,218,753	835,131	238,343	203,122	359,542	124,910	141,152	37,212	192,483	61,078	120,378		7,978	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		1	Basis of Functional Classification
1	Average Net Book Value		Sch. 2.3, L. 24
2	Cash Working Capital		Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel		
4	Fuel Inventory - Diesel		Production - Demand
5	Fuel Inventory - Gas Turbine		Production - Demand
6	Inventory/Supplies		Prorated on Total Plant in Service, Sch. 2.2, L. 24
	Deferred Charges:		
	Foreign Exchange Loss and Regulatory		
7	Costs		Prorated on Average Net Book Value, L. 1
8	Retire Asset Pool		Prorated on Average Net Book Value, L. 1
9	Total Rate Base		
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt		L.9 x Sch.1.1,p2,L.16
13	Return on Equity		L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base		

Schedule 3.1E
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	1	18		19	
		Municipal Tax (Prior Year)	PUB Assessment (Prior Year)	Revenue Related	
		(Rural Revenues)	(Revenues + RSP)		
Amounts					
1	CFB - Goose Bay Secondary	-	-		
2	Labrador Industrial Firm	-	-		
3	Labrador Industrial Non-Firm	-	-		
Rural					
4	1.1Domestic	94,365	94,365		
5	1.1A Domestic All Electric	10,520,637	10,520,637		
6	2.1GS 0-10 kW	345,486	345,486		
7	2.2GS 10-100 kW	2,208,779	2,208,779		
8	2.3GS 110-1,000 kVa	3,539,649	3,539,649		
9	2.4GS Over 1,000 kVa	3,243,034	3,243,034		
10	4.1Street and Area Lighting	361,265	361,265		
11	Subtotal Rural	20,313,216	20,313,216		
12	Total Labrador Interconnected	20,313,216	20,313,216		
Ratios					
13	CFB - Goose Bay Secondary	-	-		
14	Labrador Industrial Firm	-	-		
15	Labrador Industrial Non-Firm	-	-		
Rural					
16	1.1Domestic	0.0046	0.0046		
17	1.1A Domestic All Electric	0.5179	0.5179		
18	2.1GS 0-10 kW	0.0170	0.0170		
19	2.2GS 10-100 kW	0.1087	0.1087		
20	2.3GS 110-1,000 kVa	0.1743	0.1743		
21	2.4GS Over 1,000 kVa	0.1597	0.1597		
22	4.1Street and Area Lighting	0.0178	0.0178		
23	Subtotal Rural	1.0000	1.0000		
24	Total Labrador Interconnected	1.0000	1.0000		
Ratios Excluding Labrador Industrial					
25	CFB - Goose Bay Secondary	-	-		
Rural					
26	1.1Domestic	0.0046	0.0046		
27	1.1A Domestic All Electric	0.5179	0.5179		
28	2.1GS 0-10 kW	0.0170	0.0170		
29	2.2GS 10-100 kW	0.1087	0.1087		
30	2.3GS 110-1,000 kVa	0.1743	0.1743		
31	2.4GS Over 1,000 kVa	0.1597	0.1597		
32	4.1Street and Area Lighting	0.0178	0.0178		
33	Subtotal Rural	1.0000	1.0000		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service																
		Labrador Interconnected																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Allocated Rev Reqmt Excl Return																	
2	CFB - Goose Bay Secondary																	
3	Labrador Industrial Firm		5,745,324	1,042,820	36,097	4,629,631	-	-	-	-	-	-	-	-	-	-	-	36,776
4	Labrador Industrial Non-Firm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural:																		
4	1:1Domestic		160,727	4,783	3,425	10,828	7,097	10,558	17,376	2,869	24,995	1,922	10,621	2,525	10,670	-	50,253	-
5	1:1A Domestic All Electric		9,049,493	570,294	482,877	1,291,031	846,159	1,258,792	554,611	342,074	797,785	229,186	339,002	80,587	340,549	-	1,803,964	-
6	2:1GS 0-10 kW		237,724	5,899	6,657	13,353	8,752	13,020	23,600	3,538	33,947	2,370	14,425	6,438	27,207	-	68,252	-
7	2:2GS 10-100 kW		1,431,773	107,473	112,673	243,298	159,461	237,222	41,775	63,768	60,091	42,724	25,535	28,955	122,359	-	120,815	-
8	2:3GS 110-1,000 kVA		2,040,373	198,390	233,230	449,115	294,356	437,900	10,823	113,001	15,569	75,709	6,616	13,241	55,954	-	31,301	-
9	2:4GS Over 1,000 kVA		1,483,657	163,997	211,697	371,255	243,326	361,985	330	18,543	475	12,424	1,399	404	1,708	-	986	-
10	4:1Street and Area Lighting		343,518	1,729	1,457	3,915	2,566	3,817	21,920	1,037	31,531	695	13,392	202	187,324	-	63,394	-
11	Subtotal Rural		14,747,265	1,052,566	1,052,016	2,382,795	1,561,716	2,323,294	670,436	544,830	964,394	365,030	403,800	132,150	558,447	187,324	1,938,935	-
12	Total		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	403,800	132,150	558,447	187,324	1,938,935	36,776
Allocated Return on Debt																		
13	CFB - Goose Bay Secondary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Labrador Industrial Firm		2,113,708	271,595	-	1,837,193	-	-	-	-	-	-	-	-	-	-	-	4,921
15	Labrador Industrial Non-Firm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	MFP Construction		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural:																		
17	1:1Domestic		28,200	635	-	4,297	3,416	2,341	3,810	660	5,748	406	2,257	439	2,268	-	1,924	-
18	1:1A Domestic All Electric		1,926,396	75,738	-	512,324	407,298	279,094	121,613	78,661	183,454	48,373	72,022	13,997	72,400	-	61,422	-
19	2:1GS 0-10 kW		40,058	783	-	5,299	4,213	2,887	5,175	814	7,806	500	3,065	1,118	5,784	-	2,614	-
20	2:2GS 10-100 kW		327,927	14,273	-	96,549	76,756	52,596	9,160	14,664	13,818	9,017	5,425	5,029	26,013	-	4,626	-
21	2:3GS 110-1,000 kVA		508,066	26,347	-	178,224	141,688	237,3	25,985	3,580	15,980	1,406	2,300	2,300	11,896	-	1,199	-
22	2:4GS Over 1,000 kVA		374,069	21,779	-	147,326	117,125	80,258	72	4,264	109	2,622	43	70	363	-	37	-
23	4:1Street and Area Lighting		59,255	230	-	1,554	1,235	846	4,807	239	7,251	147	2,847	-	37,673	-	2,428	-
24	Subtotal Rural		3,263,972	199,785	-	943,573	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	-
25	Total		5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	4,921
Allocated Return on Equity																		
26	CFB - Goose Bay Secondary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Labrador Industrial Firm		1,313,168	168,732	-	1,141,379	-	-	-	-	-	-	-	-	-	-	-	3,057
28	Labrador Industrial Non-Firm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	MFP Construction		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural:																		
30	1:1Domestic		17,520	395	-	2,670	2,122	1,454	2,367	410	3,571	252	1,402	272	1,409	-	1,196	-
31	1:1A Domestic All Electric		1,196,798	47,053	-	318,288	253,039	173,391	75,554	48,869	113,973	30,052	44,745	8,696	44,979	-	38,159	-
32	2:1GS 0-10 kW		24,886	487	-	3,292	2,617	1,793	3,215	505	4,850	311	1,904	695	3,593	-	1,624	-
33	2:2GS 10-100 kW		203,729	8,867	-	59,982	47,686	32,676	5,691	9,110	8,585	5,602	3,370	3,124	16,161	-	2,874	-
34	2:3GS 110-1,000 kVA		315,642	16,368	-	110,724	88,025	60,318	1,474	16,144	2,224	9,928	873	1,429	7,390	-	745	-
35	2:4GS Over 1,000 kVA		232,395	13,531	-	91,528	72,765	49,861	45	2,649	68	1,629	27	44	226	-	23	-
36	4:1Street and Area Lighting		36,813	143	-	965	767	526	2,986	148	4,505	91	1,768	-	23,405	-	1,508	-
37	Subtotal Rural		2,027,763	86,843	-	587,449	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128	-
38	Total		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128	3,057

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related		
		18	19	19
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration
1	Allocated Rev Reqmt Excl Return	-	-	-
2	CFB - Goose Bay Secondary	-	-	-
3	Labrador Industrial Firm	-	-	-
	Labrador Industrial Non-Firm	-	-	-
	Rural:			
4	1.1Domestic	2,645	159	
5	1.1A Domestic All Electric	294,892	17,690	
6	2.1GS 0-10 kW	9,684	581	
7	2.2GS 10-100 kW	61,912	3,714	
8	2.3GS 110-1,000 kVa	99,216	5,952	
9	2.4GS Over 1,000 kVa	90,902	5,453	
10	4.1 Street and Area Lighting	10,126	607	
11	Subtotal Rural	569,376	34,156	
12	Total	569,376	34,156	
	Allocated Return on Debt			
13	CFB - Goose Bay Secondary	-	-	-
14	Labrador Industrial Firm	-	-	-
15	Labrador Industrial Non-Firm	-	-	-
16	MFP Construction	-	-	-
	Rural:			
17	1.1Domestic	-	-	-
18	1.1A Domestic All Electric	-	-	-
19	2.1GS 0-10 kW	-	-	-
20	2.2GS 10-100 kW	-	-	-
21	2.3GS 110-1,000 kVa	-	-	-
22	2.4GS Over 1,000 kVa	-	-	-
23	4.1 Street and Area Lighting	-	-	-
24	Subtotal Rural	-	-	-
25	Total	-	-	-
	Allocated Return on Equity			
26	CFB - Goose Bay Secondary	-	-	-
27	Labrador Industrial Firm	-	-	-
28	Labrador Industrial Non-Firm	-	-	-
29	MFP Construction	-	-	-
	Rural:			
30	1.1Domestic	-	-	-
31	1.1A Domestic All Electric	-	-	-
32	2.1GS 0-10 kW	-	-	-
33	2.2GS 10-100 kW	-	-	-
34	2.3GS 110-1,000 kVa	-	-	-
35	2.4GS Over 1,000 kVa	-	-	-
36	4.1 Street and Area Lighting	-	-	-
37	Subtotal Rural	-	-	-
38	Total	-	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Distribution						Specifically Assigned Customer (\$)						
						Substations		Primary Lines		Line Transformers			Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)		Demand (\$)	Customer (\$)				
39	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-		
41	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
42	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rural:																		
43	1.DDomestic	206,448	5,813	3,425	17,795	12,636	14,353	23,554	3,939	34,314	2,580	14,280	3,236	14,347	-	53,373		
44	1.1ADomestic All Electric	12,172,687	693,085	482,877	2,121,643	1,506,496	1,711,278	751,777	489,605	1,095,213	307,611	455,769	103,279	457,928	-	1,703,945		
45	2.TGS 0-10 kW	302,668	7,169	6,657	21,944	15,582	17,700	31,990	4,857	46,604	3,182	19,394	8,251	36,584	-	72,489		
46	2.2GS 10-100 kW	1,963,429	130,613	112,673	399,828	283,903	322,494	56,626	87,541	82,494	57,343	34,330	37,108	164,533	-	128,316		
47	2.3GS 110-1,000 kVa	2,864,082	241,106	233,230	738,063	524,070	595,308	14,671	155,130	21,373	101,617	8,894	16,969	75,240	-	33,245		
48	2.4GS Over 1,000 kVa	2,090,121	199,307	211,697	610,110	433,215	492,103	448	25,456	653	16,675	272	518	2,297	-	1,015		
49	4.IStreet and Area Lighting	439,585	2,102	1,457	4,568	5,189	6,434	4,424	43,286	933	18,012	580,952	518	248,403	-	67,330		
50	Subtotal Rural	20,039,020	1,279,194	1,052,016	3,915,817	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313		
51	Total	29,211,220	2,762,341	1,088,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313		
Re-classification of Revenue-Related																		
52	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
53	Labrador Industrial Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
54	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
55	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rural:																		
56	1.DDomestic	-	80	47	245	174	198	324	54	472	36	197	45	198	-	735		
57	1.1ADomestic All Electric	0	18,267	12,727	55,917	39,705	45,102	19,814	12,377	28,865	8,107	12,012	2,722	12,069	-	44,898		
58	2.TGS 0-10 kW	-	252	234	770	547	621	1,123	171	1,636	112	681	290	1,284	-	2,545		
59	2.2GS 10-100 kW	0	4,517	3,896	13,826	9,817	11,152	1,958	3,027	2,853	1,983	1,187	1,283	5,690	-	4,437		
60	2.3GS 110-1,000 kVa	(0)	8,919	8,891	28,134	19,977	22,693	559	5,913	815	3,874	339	647	2,868	-	1,267		
61	2.4GS Over 1,000 kVa	(0)	9,632	10,231	29,485	20,936	23,782	22	1,230	32	806	13	25	111	-	49		
62	4.IStreet and Area Lighting	0	53	36	161	114	130	744	36	1,083	23	451	-	6,217	-	1,685		
63	Subtotal Rural	0	41,991	36,062	128,540	91,271	103,678	24,544	22,808	35,756	14,940	14,880	5,011	22,219	6,217	55,616		
64	Total	0	41,991	36,062	128,540	91,271	103,678	24,544	22,808	35,756	14,940	14,880	5,011	22,219	6,217	55,616		
Total Allocated Revenue Requirement																		
65	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
66	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-		
67	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
68	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rural:																		
69	1.DDomestic	206,448	5,893	3,472	18,040	12,809	14,551	23,878	3,993	34,786	2,616	14,476	3,280	14,545	-	54,108		
70	1.1ADomestic All Electric	12,172,687	711,352	495,604	2,177,960	1,546,201	1,796,380	771,591	481,991	1,124,078	315,718	467,781	106,001	469,997	-	1,748,443		
71	2.TGS 0-10 kW	302,668	7,891	7,275	22,715	16,129	18,321	33,184	5,028	48,240	3,293	20,075	8,541	37,868	-	75,034		
72	2.2GS 10-100 kW	1,963,429	135,130	116,569	413,654	293,720	333,646	58,584	90,568	86,347	59,326	35,517	38,391	170,222	-	132,753		
73	2.3GS 110-1,000 kVa	2,864,082	250,296	242,120	766,197	544,047	618,000	15,230	161,043	22,188	105,490	9,233	17,616	78,108	-	34,512		
74	2.4GS Over 1,000 kVa	2,090,121	208,939	221,928	639,595	454,152	515,886	470	26,686	684	17,481	285	543	2,408	-	1,064		
75	4.IStreet and Area Lighting	439,585	2,154	1,493	4,699	5,190	6,490	4,470	44,370	956	18,464	565,832	543	254,620	-	69,015		
76	Subtotal Rural	20,039,020	1,321,185	1,088,077	4,044,357	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930		
77	Total	29,211,220	2,804,331	1,124,174	11,652,559	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930		
78	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
79	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-		
80	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
81	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rural:																		
82	1.DDomestic	206,448	5,893	3,472	18,040	12,809	14,551	23,878	3,993	34,786	2,616	14,476	3,280	14,545	-	54,108		
83	1.1ADomestic All Electric	12,172,687	711,352	495,604	2,177,960	1,546,201	1,796,380	771,591	481,991	1,124,078	315,718	467,781	106,001	469,997	-	1,748,443		
84	2.TGS 0-10 kW	302,668	7,891	7,275	22,715	16,129	18,321	33,184	5,028	48,240	3,293	20,075	8,541	37,868	-	75,034		
85	2.2GS 10-100 kW	1,963,429	135,130	116,569	413,654	293,720	333,646	58,584	90,568	86,347	59,326	35,517	38,391	170,222	-	132,753		
86	2.3GS 110-1,000 kVa	2,864,082	250,296	242,120	766,197	544,047	618,000	15,230	161,043	22,188	105,490	9,233	17,616	78,108	-	34,512		
87	2.4GS Over 1,000 kVa	2,090,121	208,939	221,928	639,595	454,152	515,886	470	26,686	684	17,481	285	543	2,408	-	1,064		
88	4.IStreet and Area Lighting	439,585	2,154	1,493	4,699	5,190	6,490	4,470	44,370	956	18,464	565,832	543	254,620	-	69,015		
89	Subtotal Rural	20,039,020	1,321,185	1,088,077	4,044,357	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930		
90	Total	29,211,220	2,804,331	1,124,174	11,652,559	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930		
91	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
92	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-		
93	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
94	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rural:																		
95	1.DDomestic	206,448	5,893	3,472	18,040	12,809	14,551	23,878	3,993	34,786	2,616	14,476	3,280	14,545	-	54,108		
96	1.1ADomestic All Electric	12,172,687	711,352	495,604	2,177,960	1,546,201	1,796,380	771,591	481,991	1,124,078	315,718	467,781	106,001	469,997	-	1,748,443		
97	2.TGS 0-10 kW	302,668	7,891	7,275	22,715	16,129	18,321	33,184	5,028	48,240	3,293	20,075	8,541	37,868	-	75,034		
98	2.2GS 10-100 kW	1,963,429	135,130	116,569	413,654	293,720	333,646	58,584	90,568	86,347	59,326	35,517	38,391	170,222	-	132,753		
99	2.3GS 110-1,000 kVa	2,864,082	250,296	242,120	766,197	544,047	618,000	15,230	161,043	22,188	105,490	9,233	17,616	78,108	-	34,512		
100	2.4GS Over 1,000 kVa	2,090,121	208,939	221,928	639,595	454,152	515,886	470	26,686	684	17,481	285	543	2,408	-	1,064		
101	4.IStreet and Area Lighting	439,585	2,154	1,493	4,699	5,190	6,490	4,470	44,370	956	18,464	565,832	543	254,620	-	69,015		
102	Subtotal Rural	20,039,020	1,321,185	1,088,077	4,044,357	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930		
103	Total	29,211,220	2,804,331	1,124,174	11,652,559	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930		
104	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
105	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-		
106	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
107	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rural:																		
108	1.DDomestic	206,448	5,893	3,472	18,040	12,809	14,551	23,878	3,993	34,786	2,616	14,476	3,280	14,545	-	54,108		
109	1.1ADomestic All Electric	12,172,687	711,352	495,604	2,177,960	1,546,201	1,796,380	771,591	481,991	1,124,078	315,718	467,781	106,001	469,997	-	1,748,443		
110	2.TGS 0-10 kW	302,668	7,891	7,275	22,715	16,129	18,321	33,184	5,028	48,240	3,293	20,075	8,541	37,868	-	75,034		
111	2.2GS 10-100 kW	1,963,429	135,130	116,569	413,654	293,720	333,646	58,584	90,568	86,347	59,326	35,517	38,391	170,222	-	132,753		
112	2.3GS 110-1,000 kVa	2,864,082	250,296	242,120	766,197	544,047	618,000	15,230	161,043	22,188	105,490	9,233	17,616	78,108	-	34,512		
113	2.4GS Over 1,000 kVa	2,090,121	208,939	221,928	639,595	454,152	515,886	470	26,686	684	17,481	285	543	2,408</				

Schedule 3.2E
Page 4 of 4

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related			Basis of Proration
		18	19	19	
		Municipal Tax (\$)	PUB Assessment (\$)		
39	Total Revenue Requirement	-	-	-	
40	CFB - Goose Bay Secondary	-	-	-	
41	Labrador Industrial Firm	-	-	-	
42	Labrador Industrial Non-Firm	-	-	-	
	MFP Construction	-	-	-	
	Rural:				
43	1:1Domestic	2,645	159		
44	1:1A Domestic All Electric	294,892	17,690		
45	2:1GS 0-10 kW	9,684	581		
46	2:2GS 10-100 kW	61,912	3,714		
47	2:3GS 110-1,000 kVa	99,216	5,952		
48	2:4GS Over 1,000 kVa	90,902	5,453		
49	4:1 Street and Area Lighting	10,126	607		
50	Subtotal Rural	569,376	34,156		
51	Total	569,376	34,156		
	Re-classification of Revenue-Related				
52	CFB - Goose Bay Secondary	-	-	-	Re-classification to demand, energy and customer is based on rate class revenue
53	Labrador Industrial Firm	-	-	-	requirements excluding revenue-related items.
54	Labrador Industrial Non-Firm	-	-	-	
55	MFP Construction	-	-	-	
	Rural:				
56	1:1Domestic	(2,645)	(159)		
57	1:1A Domestic All Electric	(294,892)	(17,690)		
58	2:1GS 0-10 kW	(9,684)	(581)		
59	2:2GS 10-100 kW	(61,912)	(3,714)		
60	2:3GS 110-1,000 kVa	(99,216)	(5,952)		
61	2:4GS Over 1,000 kVa	(90,902)	(5,453)		
62	4:1 Street and Area Lighting	(10,126)	(607)		
63	Subtotal Rural	(569,376)	(34,156)		
64	Total	(569,376)	(34,156)		
	Total Allocated Revenue Requirement				
65	CFB - Goose Bay Secondary	-	-	-	
66	Labrador Industrial Firm	-	-	-	
67	Labrador Industrial Non-Firm	-	-	-	
68	MFP Construction	-	-	-	
	Rural:				
69	1:1Domestic	-	-	-	
70	1:1A Domestic All Electric	-	-	-	
71	2:1GS 0-10 kW	-	-	-	
72	2:2GS 10-100 kW	-	-	-	
73	2:3GS 110-1,000 kVa	-	-	-	
74	2:4GS Over 1,000 kVa	-	-	-	
75	4:1 Street and Area Lighting	-	-	-	
76	Subtotal Rural	-	-	-	
77	Total	-	-	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Revenue Requirement																
		Island Isolated																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
Expenses																		
1	Operating & Maintenance	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Fuels-Diesel	2,124,200	-	2,124,200	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Power Purchases -CFLCo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Power Purchases-Other	177,100	-	177,100	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Depreciation	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-	
Expense Credits																		
8	Sundry	(18,852)	(8,800)	(5,347)	-	(323)	(1,544)	(495)	(196)	(346)	(319)	(345)	(167)	(123)	(145)	(561)	-	
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Pole Attachments	(20,860)	-	-	-	-	(12,065)	(4,123)	-	-	(2,135)	(2,537)	-	-	-	-	-	
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Application Fees	(216)	-	-	-	-	-	-	-	-	-	-	-	-	-	(216)	-	
16	Meter Test Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Total Expense Credits	(39,928)	(8,800)	(5,347)	-	(323)	(13,609)	(4,618)	(196)	(346)	(2,454)	(2,882)	(167)	(123)	(145)	(777)	-	
18	Subtotal Expenses	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Subtotal Revenue Requirement Ex. Return	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	
21	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
22	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
23	Total Revenue Requirement	10,404,667	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,832	121,602	132,328	63,723	57,134	71,837	183,156	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Revenue Requirement (CONTD.)

Line No.	1	Description	18		19		20
			Municipal Tax	Revenue Related	PUB Assessment	Basis of Functional Classification	
		Expenses					
1		Operating & Maintenance			2,436	Carryforward from Sch.2.4 L.25	
2		Fuels	40,605		-	Production - Energy	
3		Fuels-Diesel	-		-	Production - Energy	
4		Fuels-Gas Turbine	-		-	Production - Energy	
5		Power Purchases -CF(L)Co	-		-		
6		Power Purchases-Other	-		-		
7		Depreciation	-		-	Carryforward from Sch.2.5 L.23	
		Expense Credits					
8		Sundry	(133)		(8)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
9		Building Rental Income	-		-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
10		Tax Refunds	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
11		Suppliers' Discounts	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
12		Pole Attachments	-		-	Prorated on Distribution Poles - Sch.4.1 L.37	
13		Secondary Energy Revenues	-		-	Production - Energy	
14		Wheeling Revenues	-		-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
15		Application Fees	-		-	Accounting - Customer	
16		Meter Test Revenues	-		-	Meters - Customer	
17		Total Expense Credits	(133)		(8)		
18		Subtotal Expenses	40,472		2,428		
19		Disposal Gain / Loss	-		-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20		Subtotal Revenue Requirement Ex. Return	40,472		2,428		
21		Return on Debt	-		-	Prorated on Rate Base - Sch.2.6 L.9	
22		Return on Equity	-		-	Prorated on Rate Base - Sch.2.6 L.11	
23		Total Revenue Requirement	40,472		2,428		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines Customer (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Production																
2	Diesel	8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Transmission																
5	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Distribution																
9	Substation Structures & Equipment	651,069	121,854	-	-	529,215	-	-	-	-	-	-	-	-	-	-	-
10	Land & Land Improvements	32,475	-	-	-	-	24,484	3,119	-	-	2,840	2,031	-	-	-	-	-
11	Poles	3,975,794	-	-	-	-	2,299,392	785,624	-	-	406,994	483,584	-	-	-	-	-
12	Primary Conductor & Equipment	253,596	-	-	-	-	224,940	28,656	-	-	-	-	-	-	-	-	-
13	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Transformers	894,252	-	-	-	-	-	322,825	571,427	-	-	-	-	-	-	-	-
15	Secondary Conductors & Equipment	199,639	-	-	-	-	-	-	-	-	116,390	83,250	-	-	-	-	-
16	Services	276,111	-	-	-	-	-	-	-	-	-	-	276,111	-	-	-	-
17	Meters	196,359	-	-	-	-	-	-	-	-	-	-	-	196,359	-	-	-
18	Street Lighting	239,198	-	-	-	-	-	-	-	-	-	-	-	-	239,198	-	-
19	Subtotal Distribution	6,718,493	121,854	-	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
20	Subtotal Prod, Trans. & Dist	15,208,700	5,386,194	3,225,867	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
21	General	3,753,373	2,029,573	1,240,180	-	24,777	119,332	38,279	15,114	26,753	24,637	26,633	12,927	10,376	11,199	173,592	-
22	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Software - General	66,082	23,403	14,016	-	2,299	11,075	3,552	1,403	2,483	2,286	2,472	1,200	853	1,039	-	-
25	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Total Plant	19,028,155	7,439,171	4,480,064	-	556,291	2,679,223	859,430	339,342	600,663	553,147	597,970	290,238	207,588	251,437	173,592	-

Schedule 228
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Diesel	Production - Demand, Energy ratios Sch.4.1 L.6
2	Subtotal Production	
	Transmission	
3	Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Cuslthr
4	Terminal Stations	Production, Transmission - Demand; Spec Assigned - Cuslthr
5	Subtotal Transmission	
	Distribution	
6	Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9	Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12	Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13	Services	Services Customer
14	Meters	Meters - Customer
15	Street Lighting	Street Lighting - Customer
16	Subtotal Distribution	
17	Subttl Prod. Trans. & Dist	
	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
18	Telecontrol - Specific	Specifically Assigned - Customer
19	Feasibility Studies	Production, Transmission - Demand
20	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
21	Software - Cust Acctg	Customer Accounting
22		
23	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1	Diesel	15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6	Substation Structures & Equipment	1,012,596	14,673	-	-	997,923	-	-	-	-	-	-	-	-	-	-	-
7	Land & Land Improvements	7,638	-	-	-	-	-	734	-	-	-	688	478	-	-	-	-
8	Poles	1,747,765	-	-	-	-	1,010,817	345,449	-	-	178,915	212,584	-	-	-	-	-
9	Primary Conductor & Equipment	115,113	-	-	-	-	102,105	13,008	-	-	-	-	-	-	-	-	-
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Transformers	434,841	-	-	-	-	-	158,978	277,864	-	-	-	-	-	-	-	-
12	Secondary Conductors & Equipment	49,456	-	-	-	-	-	-	-	-	28,833	20,623	-	-	-	-	-
13	Services	106,892	-	-	-	-	-	-	-	-	-	-	106,892	-	-	-	-
14	Meters	138,636	-	-	-	-	-	-	-	-	-	-	-	138,636	-	-	-
15	Street Lighting	192,904	-	-	-	-	-	-	-	-	-	-	-	-	192,904	-	-
16	Subtotal Distribution	3,805,842	14,673	-	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
17	Subtl Prod, Trans, & Dist	19,744,328	9,897,307	6,055,853	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
18	General	1,636,872	885,111	540,851	-	10,805	52,041	16,694	6,591	11,667	10,744	11,615	5,638	4,525	4,884	75,705	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Software - General	137,381	68,865	42,137	-	6,944	7,784	2,499	1,092	1,933	1,450	1,626	744	965	1,342	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Operating & Maintenance Expense																Specifically Assigned Customer (\$)
		Island Isolated																
		Distribution																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)		
Production																		
1	Diesel	2,065,682	1,280,823	784,859	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Other	208,062	129,008	79,053	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Subtotal Production	2,273,744	1,409,831	863,912	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transmission																		
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution																		
8	Other	212,712	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	-	7,801	-	-	
9	Meters	7,228	-	-	-	-	-	-	-	-	-	-	-	7,228	-	-	-	
10	Subtotal Distribution	219,940	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
11	Subtltl Prod, Trans, & Dist	2,493,683	1,413,805	863,912	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
12	Customer Accounting	120,925	-	-	-	-	-	-	-	-	-	-	-	-	-	120,925	-	
Administrative & General:																		
Plant-Related:																		
13	Production	962,970	597,088	365,882	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Distribution	862,064	15,635	-	-	67,905	327,044	104,908	41,422	73,321	67,521	72,992	35,428	25,195	30,692	-	-	
16	Prod, Trans, Distn Plant	157,713	55,855	33,452	-	5,488	26,431	8,478	3,348	5,926	5,457	5,899	2,863	2,036	2,480	-	-	
17	Prod, Trans, Distn and Gen Plt	1,547	605	364	-	45	218	70	28	49	45	49	24	17	20	14	-	
18	Property Insurance	16,132	9,277	5,587	-	693	149	48	19	33	31	33	16	13	14	217	-	
Revenue Related:																		
19	Municipal Tax	40,605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	PUB Assessment	2,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	All Expense-Related	1,085,807	587,132	358,770	-	7,168	34,521	11,074	4,372	7,739	7,127	7,705	3,740	3,002	3,240	50,218	-	
23	Prod, Trans, and Distn Expense-Related	19,971	11,323	6,919	-	138	666	214	84	149	137	149	72	58	62	-	-	
24	Subtotal Admin & General	3,149,246	1,276,915	770,974	-	81,437	389,029	124,791	49,273	87,218	80,318	86,827	42,143	30,321	36,509	50,450	-	
25	Total Operating & Maintenance Expenses	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	

Schedule 2.4B
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	1	18	19	20
	Description	Municipal Tax	Revenue Related PUB Assessment	Basis of Functional Classification
	Production			
1	Diesel	-	-	Production - Demand, Energy ratios Sch.4.1 L6
2	Other	-	-	Production - Demand, Energy ratios Sch.4.1 L6
3	Subtotal Production	-	-	
	Transmission			
4	Transmission Lines	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3
5	Terminal Stations	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4
6	Other	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
7	Subtotal Transmission	-	-	
	Distribution			
8	Other	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16 less L. 14
9	Meters	-	-	Meters - Customer
10	Subtotal Distribution	-	-	
11	Subttl Prod, Trans, & Dist	-	-	
12	Customer Accounting	-	-	Accounting - Customer
	Administrative & General:			
	Plant-Related:			
13	Production	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2
14	Transmission	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
15	Distribution	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16
16	Prod, Trans, Distn Plant	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17
17	Prod, Trans, Distn and Gen Plt	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23
18	Property Insurance	-	-	Prorated on Prod., Trans, Terminal, Dist, Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19
19	Revenue Related:			
20	Municipal Tax	40,605	-	Revenue-related
21	PUB Assessment	-	2,436	Revenue-related
22	All Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12
23	Prod, Trans and Distn Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11
24	Subtotal Admin & General	40,605	2,436	
25	Total Operating & Maintenance Expenses	40,605	2,436	

Island Isolated

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6						7						16	17				
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations		Primary Lines		Line Transformers		Secondary Lines				Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)						
Production																							
1	Diesel	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2	Subtotal Production	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Transmission																							
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Distribution																							
6	Substn Struct & Eqpt	35,648	1,494	-	-	34,153	-	-	-	-	-	-	-	-	-	-	-	-					
7	Land & Land Improvements	213	-	-	-	-	160	20	-	19	13	-	-	-	-	-	-	-					
8	Poles	102,292	-	-	-	-	59,161	20,218	-	10,471	12,442	-	-	-	-	-	-	-					
9	Primary Conductor & Equipment	6,118	-	-	-	-	5,427	691	-	-	-	-	-	-	-	-	-	-					
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
11	Transformers	23,984	-	-	-	-	-	-	8,658	15,326	-	-	-	-	-	-	-	-					
12	Secondary Conductors & Equipment	2,459	-	-	-	-	-	-	-	1,434	1,025	-	-	-	-	-	-	-					
13	Services	5,237	-	-	-	-	-	-	-	-	-	-	5,237	-	-	-	-	-					
14	Meters	10,386	-	-	-	-	-	-	-	-	-	-	-	10,386	-	-	-	-					
15	Street Lighting	14,935	-	-	-	-	-	-	-	-	-	-	-	-	14,935	-	-	-					
16	Subtotal Distribution	201,272	1,494	-	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-	-					
17	Subtotal Prod Tran & Dist	906,778	438,942	268,058	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-	-					
18	General	175,004	94,630	57,824	-	1,155	5,564	1,785	705	1,247	1,149	1,242	603	484	522	8,094	-	-					
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
20	GEC and AFUDC	3,921	1,898	1,159	-	148	280	91	37	66	52	58	23	45	65	-	-	-					
21	Software - General	31,714	15,352	9,375	-	1,194	2,265	732	303	536	417	471	183	363	522	-	-	-					
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
23	Total Depreciation Expense	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-	-					

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Rate Base																
		Island Isolated																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
1	Average Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-	
2	Cash Working Capital	13,981	7,050	4,313	-	660	766	246	107	189	143	160	74	94	129	49	-	
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	206,653	-	206,653	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	217,603	85,073	51,233	-	6,362	30,639	9,828	3,881	6,869	6,326	6,838	3,319	2,374	2,875	1,985	-	
Deferred Charges:																		
Foreign Exchange Loss and Regulatory																		
7	Costs	1,034,296	521,570	319,098	-	48,819	56,645	18,187	7,914	14,009	10,604	11,869	5,445	6,927	9,571	3,639	-	
8	Retired Asset Pool	2,870,021	1,447,280	885,449	-	135,464	157,182	50,467	21,962	38,874	29,424	32,934	15,108	19,223	26,559	10,097	-	
9	Total Rate Base	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Rate Base Available for Equity Return	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
12	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
13	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
14	Return on Rate Base	1,262,023	630,118	395,553	-	58,900	69,478	22,307	9,688	17,149	13,035	14,578	6,696	8,430	11,627	4,464	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
7	Deferred Charges:	Prorated on Average Net Book Value, L. 1
8	Foreign Exchange Loss and Regulatory Costs	
9	Retired Asset Pool	
	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Island Isolated Basis of Allocation to Classes of Service

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Basis of Allocation to Classes of Service (CONT'D.)

Line No.	Description	18		19	
		Municipal Tax	PUB Assessment		
		(Prior Year (Rural Revenues))	(Prior Year (Revenues + RSP))		
Amounts					
1	1.2 Domestic Diesel	658,743	658,743		
2	1.2G Government Domestic Diesel	-	-		
3	1.23 Churches, Schools & Com Halls	43,910	43,910		
4	2.1 GS 0-10 kW	205,170	205,170		
5	2.2 GS 10-100 kW	491,702	491,702		
6	2.3 GS 110-1,000 kVa	-	-		
7	2.4 GS Over 1,000 kVa	-	-		
8	4.1 Street and Area Lighting	38,040	38,040		
9	4.1G Gov't Street and Area Lighting	6,323	6,323		
10	Total	1,443,889	1,443,889		
Ratios					
11	1.2 Domestic Diesel	0.4562	0.4562		
12	1.2G Government Domestic Diesel	-	-		
13	1.23 Churches, Schools & Com Halls	0.0304	0.0304		
14	2.1 GS 0-10 kW	0.1421	0.1421		
15	2.2 GS 10-100 kW	0.3405	0.3405		
16	2.3 GS 110-1,000 kVa	-	-		
17	2.4 GS Over 1,000 kVa	-	-		
18	4.1 Street and Area Lighting	0.0263	0.0263		
19	4.1G Gov't Street and Area Lighting	0.0044	0.0044		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service																	Specifically Assigned Customer (\$)
		Island Isolated																	
		Allocation of Functionalized Amounts to Classes of Service																	
		Transmission		Substations		Primary Lines		Line Transformers		Secondary Lines		Services		Meters		Street Lighting		Accounting	
Total Amount (\$)		Demand (\$)		Demand (\$)		Demand (\$)		Demand (\$)		Demand (\$)		Customer (\$)		Customer (\$)		Customer (\$)		Customer (\$)	
1	1.2 Domestic Diesel	2,531,252	2,982,840	-	105,725	416,091	139,262	54,270	100,280	85,008	96,247	43,519	37,167	-	146,060	-	-	-	-
2	1.2/G Government Domestic Diesel	48,553	20,707	-	820	3,226	767	421	553	659	530	240	205	-	805	-	-	-	-
3	1.2/3 Churches, Schools & Com Halls	325,166	187,724	-	3,995	15,724	3,836	2,051	2,763	3,213	2,651	1,199	1,024	-	4,024	-	-	-	-
4	2.1 GS 0-10 kW	731,952	420,985	-	7,683	30,239	16,023	3,944	11,538	6,178	11,074	9,401	8,029	-	16,805	-	-	-	-
5	2.1 GS 10-100 kW	629,811	629,811	-	15,982	62,898	1,790	8,204	1,289	12,850	1,237	2,669	2,279	-	1,878	-	-	-	-
6	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	4.1 Street and Area Lighting	141,363	25,189	-	820	3,226	8,696	421	6,262	659	6,010	-	-	-	9,120	-	-	-	-
9	4.1/G Gov't Street and Area Lighting	188	-	-	-	-	-	-	-	-	-	-	-	-	60,209	-	-	-	-
10	Total	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	-	-
Allocated Return on Debt and Equity																			
11	1.2 Domestic Diesel	947,551	493,385	276,494	-	46,119	54,402	18,233	7,586	14,017	10,206	11,916	5,110	6,433	-	3,649	-	-	-
12	1.2/G Government Domestic Diesel	6,911	3,825	1,919	-	358	422	100	59	-	79	66	28	35	-	20	-	-	-
13	1.2/3 Churches, Schools & Com Halls	42,153	18,645	17,401	-	1,743	2,056	502	287	386	386	328	1,141	1,177	-	101	-	-	-
14	2.1 GS 0-10 kW	91,473	35,856	39,023	-	3,352	3,954	2,098	551	1,613	742	1,371	1,104	1,390	-	420	-	-	-
15	2.2 GS 10-100 kW	152,169	74,582	58,380	-	6,972	8,224	234	1,147	180	1,543	153	313	395	-	47	-	-	-
16	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	4.1 Street and Area Lighting	21,690	3,825	2,335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	4.1/G Gov't Street and Area Lighting	-	-	-	-	-	422	1,139	59	875	79	744	-	-	11,627	228	-	-	-
20	Total	1,261,946	630,118	395,553	-	58,900	69,478	22,307	9,688	17,071	13,035	14,578	6,696	8,430	11,627	4,464	-	-	-

NEWFOUNDLAND & LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	1	Description	18	19
			Municipal Tax (\$)	PUB Assessment (\$)
			Basis of Proration	
Allocated Revenue Requirement Excluding Return				
1		1.2 Domestic Diesel	18,464	1,108
2		1.2G Government Domestic Diesel	-	-
3		1.23 Churches, Schools & Com Halls	1,231	74
4		2.1 GS 0-10 kW	5,751	345
5		2.2 GS 10-100 kW	13,782	827
6		2.3 GS 110-1,000 kVa	-	-
7		2.4 GS Over 1,000 kVa	-	-
8		4.1 Street and Area Lighting	1,066	64
9		4.1G Gov't Street and Area Lighting	177	11
10		Total	40,472	2,428
Allocated Return on Debt and Equity				
11		1.2 Domestic Diesel	-	-
12		1.2G Government Domestic Diesel	-	-
13		1.23 Churches, Schools & Com Halls	-	-
14		2.1 GS 0-10 kW	-	-
15		2.2 GS 10-100 kW	-	-
16		2.3 GS 110-1,000 kVa	-	-
17		2.4 GS Over 1,000 kVa	-	-
18		4.1 Street and Area Lighting	-	-
19		4.1G Gov't Street and Area Lighting	-	-
20		Total	-	-

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	2	3	4	5	6	Primary Lines		Line Transformers		Secondary Lines		13	14	15	16	17
							Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Total Revenue Requirement																	
21	1.2 Domestic Diesel	7,704,844	3,024,638	3,259,334	-	151,844	470,493	157,496	61,855	114,297	95,215	108,163	48,629	43,600	-	149,709	-
22	1.2 Government Domestic Diesel	55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825	-
23	1.2 Churches, Schools & Com Halls	367,319	114,303	205,125	-	5,738	17,780	4,339	2,338	3,149	3,598	2,980	1,340	1,201	-	4,124	-
24	2.1 GS 0-10 kW	823,425	219,814	460,008	-	11,035	34,193	18,121	4,495	13,151	6,920	12,445	10,505	9,418	-	17,225	-
25	2.2 GS 10-100 kW	1,290,296	457,213	688,192	-	22,953	71,121	2,025	9,350	1,469	14,393	1,391	2,982	2,674	-	1,925	-
26	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	2.4 GS Over 1,000 kVa	-	-	27,524	-	-	3,647	9,834	479	7,137	738	6,754	-	-	-	9,348	-
28	4.1 Street and Area Lighting	163,053	23,447	-	-	1,177	-	-	-	-	-	-	-	-	-	-	-
29	4.1G Gov't Street and Area Lighting	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Total	10,404,589	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,755	121,602	132,328	63,723	57,134	71,837	183,156	-
Re-classification of Revenue-Related																	
31	1.2 Domestic Diesel	(0)	7,703	8,301	-	387	1,198	401	158	291	242	275	124	111	-	381	-
32	1.2G Government Domestic Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	1.2 Churches, Schools & Com Halls	-	407	731	-	20	63	15	8	11	13	11	5	4	-	15	-
34	2.1 GS 0-10 kW	-	1,639	3,431	-	82	255	135	34	98	52	93	78	70	-	128	-
35	2.2 GS 10-100 kW	-	5,236	7,881	-	263	814	23	107	17	165	16	34	31	-	22	-
36	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	2.4 GS Over 1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	4.1 Street and Area Lighting	0	164	192	-	8	25	69	3	50	5	47	-	-	501	65	-
39	4.1G Gov't Street and Area Lighting	(188)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Total	(188)	15,149	20,536	-	761	2,357	644	310	467	477	442	241	216	501	612	-
Total Allocated Revenue Requirement																	
41	1.2 Domestic Diesel	7,704,844	3,032,340	3,267,635	-	152,231	471,692	157,897	62,013	114,588	95,457	108,438	48,753	43,711	-	150,090	-
42	1.2G Government Domestic Diesel	55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825	-
43	1.2 Churches, Schools & Com Halls	367,319	114,711	205,856	-	5,759	17,844	4,362	2,346	3,160	3,611	2,990	1,344	1,205	-	4,139	-
44	2.1 GS 0-10 kW	823,425	221,453	463,439	-	11,117	34,448	18,256	4,529	13,249	6,971	12,538	10,583	9,489	-	17,353	-
45	2.2 GS 10-100 kW	1,290,296	462,449	696,073	-	23,216	71,936	2,048	9,457	1,486	14,558	1,406	3,016	2,704	-	1,947	-
46	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	2.4 GS Over 1,000 kVa	-	-	27,716	-	-	-	-	-	-	-	-	-	-	-	-	-
48	4.1 Street and Area Lighting	163,053	23,610	-	-	1,185	3,673	9,903	483	7,187	743	6,801	-	-	72,338	9,413	-
49	4.1G Gov't Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Total	10,404,402	3,878,010	4,683,345	-	194,685	603,239	193,326	79,307	140,222	122,079	132,770	63,964	57,350	72,338	183,767	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18 Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	19 Basis of Proration (\$)
Total Revenue Requirement				
21	1.2 Domestic Diesel	18,464	1,108	
22	1.2G Government Domestic Diesel	-	-	
23	1.23 Churches, Schools & Com Halls	1,231	74	
24	2.1 GS 0-10 kW	5,751	345	
25	2.2 GS 10-100 kW	13,782	827	
26	2.3 GS 110-1,000 kVa	-	-	
27	2.4 GS Over 1,000 kVa	-	-	
28	4.1 Street and Area Lighting	1,066	64	
29	4.1G Gov't Street and Area Lighting	177	11	
30	Total	40,472	2,428	
Re-classification of Revenue-Related				
31	1.2 Domestic Diesel	(18,464)	(1,108)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.
32	1.2G Government Domestic Diesel	-	-	
33	1.23 Churches, Schools & Com Halls	(1,231)	(74)	
34	2.1 GS 0-10 kW	(5,751)	(345)	
35	2.2 GS 10-100 kW	(13,782)	(827)	
36	2.3 GS 110-1,000 kVa	-	-	
37	2.4 GS Over 1,000 kVa	-	-	
38	4.1 Street and Area Lighting	(1,066)	(64)	
39	4.1G Gov't Street and Area Lighting	(177)	(11)	
40	Total	(40,472)	(2,428)	
Total Allocated Revenue Requirement				
41	1.2 Domestic Diesel	-	-	
42	1.2G Government Domestic Diesel	-	-	
43	1.23 Churches, Schools & Com Halls	-	-	
44	2.1 GS 0-10 kW	-	-	
45	2.2 GS 10-100 kW	-	-	
46	2.3 GS 110-1,000 kVa	-	-	
47	2.4 GS Over 1,000 kVa	-	-	
48	4.1 Street and Area Lighting	-	-	
49	4.1G Gov't Street and Area Lighting	-	-	
50	Total	-	-	

Subtotal Revenue Requirement Ex.

Schedule 2.1C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Revenue Requirement (CONT'D.)

Line No.	Description	Revenue Related		Basis of Functional Classification	
		18 Municipal Tax	19 PUB Assessment		
Expenses					
1	Operating & Maintenance	263,893	15,830	Carryforward from Sch.2.4 L.24	
2	Fuels	-	-	Production - Energy	
3	Fuels-Diesel	-	-	Production - Energy	
4	Fuels-Gas Turbine	-	-	Production - Energy	
5	Power Purchases -CF(L)Co	-	-		
6	Power Purchases-Other	-	-	Carryforward from Sch.4.4 L.20	
7	Depreciation	-	-	Carryforward from Sch.2.5 L.23	
Expense Credits					
8	Sundry	(863)	(52)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
9	Building Rental Income	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
10	Tax Refunds	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
11	Suppliers' Discounts	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Pole Attachments	-	-	Prorated on Distribution Poles - Sch.4.1 L.37	
13	Secondary Energy Revenues	-	-	Production - Energy	
14	Wheeling Revenues	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
15	Application Fees	-	-	Accounting - Customer	
16	Meter Test Revenues	-	-	Meters - Customer	
17	Total Expense Credits	(863)	(52)		
Subtotal Expenses					
18		263,030	15,779		
Disposal Gain / Loss					
19		-	-	Prorated on Total Net Book Value - Sch.2.3 L.23	
Subtotal Revenue Requirement Ex. Return					
20		263,030	15,779		
Return on Debt					
21		-	-	Prorated on Rate Base - Sch.2.6 L.9	
Return on Equity					
22		-	-	Prorated on Rate Base - Sch.2.6 L.11	
Total Revenue Requirement					
23		263,030	15,779		

Labrador Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated

Functional Classification of Plant in Service for the Allocation of O&M Expense (CONT'D.)

Line No.	Description	18
		Basis of Functional Classification
1	Production	
2	Diesel	Production - Demand, Energy ratios Sch.4.1 L.7
	Subtotal Production	
3	Transmission	
4	Lines	Production, Transmission - Demand, Distribution - Primary Demand, Spec Assigned - Customer
5	Terminal Stations	Production, Transmission - Demand, Spec Assigned - Customer
	Subtotal Transmission	
6	Distribution	
7	Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
8	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
9	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
10	Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
11	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
12	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
13	Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
14	Services	Services Customer
15	Meters	Meters - Customer
16	Street Lighting	Street Lighting - Customer
	Subtotal Distribution	
17	Subtotal Prod, Trans, & Dist	
18	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
19	Telecontrol - Specific	Specifically Assigned - Customer
20	Feasibility Studies	Production, Transmission - Demand
21	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22	Software - Cust Acctg	Customer Accounting
23	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Distribution Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Diesel	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission																
4	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Distribution																
7	Substation Structures & Equipment	1,723,562	728,201	-	-	995,362	-	-	-	-	-	-	-	-	-	-	-
8	Land & Land Improvements	24,670	-	-	-	-	18,600	2,370	-	-	2,157	1,543	-	-	-	-	-
9	Poles	4,989,483	-	-	-	-	2,885,658	986,181	-	-	510,763	606,881	-	-	-	-	-
10	Primary Conductor & Equipment	851,171	-	-	-	-	754,989	96,182	-	-	-	-	-	-	-	-	-
11	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Transformers	1,981,705	-	-	-	-	-	-	715,396	1,266,310	-	-	-	-	-	-	-
13	Secondary Conductors & Equipment	115,342	-	-	-	-	-	-	-	-	67,244	48,098	-	-	-	-	-
14	Services	395,847	-	-	-	-	-	-	-	-	-	-	395,847	-	-	-	-
15	Meters	720,172	-	-	-	-	-	-	-	-	-	-	-	720,172	-	-	-
16	Street Lighting	291,251	-	-	-	-	-	-	-	-	-	-	-	-	291,251	-	-
	Subtotal Distribution	11,093,204	728,201	-	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
17	Subtotal Prod, Trans, & Dist	87,128,823	35,473,155	41,290,665	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
18	General	7,778,683	3,149,746	3,680,029	-	33,117	229,369	67,542	29,331	51,918	36,894	41,211	19,283	31,126	9,078	400,239	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Software - General	606,243	246,822	287,301	-	6,926	25,461	7,548	4,978	8,811	4,037	4,568	2,754	5,011	2,027	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total Net Book Value	95,513,749	38,869,723	45,257,995	-	1,035,405	3,914,077	1,159,823	749,704	1,327,039	620,896	702,300	417,884	756,310	302,355	400,239	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	1			Basis of Functional Classification	20		
		18	19	20		18	19	20
		Municipal Tax	Revenue Related PUB Assessment					
Production								
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7			
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7			
3	Subtotal Production	-	-	-				
Transmission								
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3			
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4			
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5			
7	Subtotal Transmission	-	-	-				
Distribution								
8	Other	-	-	-	Prorated on Distribution Plant excluding Meters - Sch. 2.2 L. 16, less L. 14			
9	Meters	-	-	-	Meters - Customer			
10	Subtotal Distribution	-	-	-				
11	Subtotal Prod, Trans, & Dist	-	-	-				
12	Customer Accounting	-	-	-	Accounting - Customer			
Administrative & General:								
Plant-Related:								
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2			
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5			
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16			
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17			
17	Prod, Trans, Distn and General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23			
18	Property Insurance	-	-	-	Prorated on Prod., Trans., Terminal, Dist. Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19			
Revenue Related:								
19	Municipal Tax	263,893	-	-	Revenue-related			
20	PUB Assessment	-	15,830	-	Revenue-related			
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12			
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11			
23	Subtotal Admin & General	263,893	15,830					
24	Total Operating & Maintenance Expenses	263,893	15,830					

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Labrador Isolated
Functional Classification of Depreciation Expense

Line No.	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers		Distribution		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Production																		
1	Diesel	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																		
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																		
6	Substn Struct & Eqpt	73,312	39,828	-	-	33,484	-	-	-	-	-	-	-	-	-	-	-	-
7	Land & Land Improvements	696	-	-	-	-	-	524	67	-	-	61	44	-	-	-	-	-
8	Poles	305,675	-	-	-	-	-	176,786	60,417	-	-	31,291	37,180	-	-	-	-	-
9	Primary Conductor & Equipment	44,658	-	-	-	-	-	39,611	5,046	-	-	-	-	-	-	-	-	-
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Transformers	97,876	-	-	-	-	-	-	-	35,333	62,543	-	-	-	-	-	-	-
12	Secondary Conductors & Equipment	5,597	-	-	-	-	-	-	-	-	-	3,263	2,334	-	-	-	-	-
13	Services	17,274	-	-	-	-	-	-	-	-	-	-	17,274	-	-	-	-	-
14	Meters	53,951	-	-	-	-	-	-	-	-	-	-	-	53,951	-	-	-	-
15	Street Lighting	26,970	-	-	-	-	-	-	-	-	-	-	-	-	26,970	-	-	-
16	Subtotal Distribution	626,009	39,828	-	-	33,484	216,922	65,530	35,333	62,543	62,543	34,615	39,557	17,274	53,951	26,970	-	-
17	Subtotal Prod Tran & Dist	4,571,938	1,842,945	2,142,812	-	33,484	216,922	65,530	35,333	62,543	62,543	34,615	39,557	17,274	53,951	26,970	-	-
General																		
18	General	717,239	290,424	339,320	-	3,054	21,149	6,228	2,704	4,787	4,787	3,383	3,800	1,778	2,870	837	36,904	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	GEC and AFUDC	17,405	7,016	8,158	-	127	826	249	135	238	238	132	151	66	205	103	-	-
21	Software - General	159,900	64,456	74,943	-	1,171	7,587	2,292	1,236	2,187	2,187	1,211	1,383	604	1,887	943	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total Depreciation Expense	5,466,481	2,204,841	2,565,232	-	37,836	246,484	74,299	39,408	69,755	69,755	39,341	44,891	19,722	58,914	28,853	36,904	-

Functional Classification of Rate Base

Line No.	Description	2	3	4	5	Distribution										15	16	17
						Primary Lines		Line Transformers		Secondary Lines		Services Customer	Meters Customer	Street Lighting Customer	Accounting Customer			
						Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)							
1	Average Net Book Value	95,513,749	38,869,723	45,257,995	-	1,035,405	3,914,077	1,459,823	749,704	1,327,039	620,896	702,300	417,894	756,310	302,355	400,239	-	
2	Cash Working Capital	62,057	25,254	29,405	-	673	2,543	754	487	862	403	456	272	491	196	260	-	
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	5,700,591	-	5,700,591	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	1,653,208	634,397	720,179	-	17,703	122,608	36,104	15,679	27,753	19,615	22,029	10,307	12,456	4,853	9,525	-	
Deferred Charges:																		
Foreign Exchange Loss and Regulatory																		
7	Costs	4,590,894	1,868,284	2,175,338	-	49,767	188,131	55,747	36,035	63,784	29,844	33,756	20,086	36,352	14,533	19,238	-	
8	Retired Asset Pool	12,632,077	5,140,677	5,985,551	-	136,936	517,632	153,391	99,151	175,506	82,116	92,882	55,267	100,025	39,988	52,933	-	
9	Total Rate Base	120,152,576	46,538,335	59,869,059	-	1,240,484	4,745,011	1,405,819	901,056	1,594,945	752,874	851,424	503,815	905,634	361,925	482,195	-	
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Rate Base Available for Equity Return	120,152,576	46,538,335	59,869,059	-	1,240,484	4,745,011	1,405,819	901,056	1,594,945	752,874	851,424	503,815	905,634	361,925	482,195	-	
12	Return on Debt	3,616,593	1,400,804	1,802,059	-	37,339	142,825	42,315	27,122	48,008	22,662	25,628	15,165	27,260	10,894	14,514	-	
13	Return on Equity	2,246,853	870,267	1,119,551	-	23,197	88,732	26,289	16,850	29,825	14,079	15,922	9,421	16,935	6,768	9,017	-	
14	Return on Rate Base	5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
Deferred Charges:		
Foreign Exchange Loss and Regulatory		
7	Costs	Prorated on Average Net Book Value, L. 1
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Line No.	Description
1	

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		18	19
		Municipal Tax (Prior Year (Rural Revenues))	PUB Assessment (Prior Year (Revenues + RSP))
Amounts			
1	1.2 Domestic Diesel	3,281,626	3,281,626
2	1.2G Government Domestic Diesel	826,883	826,883
3	1.23 Churches, Schools & Com Halls	210,070	210,070
4	2.1 GS 0-10 kW	1,307,106	1,307,106
5	2.2 GS 10-100 kW	3,170,396	3,170,396
6	2.3 GS 110-1,000 kVa	262,528	262,528
7	2.4 GS Over 1,000 kVa	205,566	205,566
8	4.1 Street and Area Lighting	110,871	110,871
9	4.1G Gov't Street and Area Lighting	8,864	8,864
10	Total	9,383,911	9,383,911
Ratios			
11	1.2 Domestic Diesel	0.3497	0.3497
12	1.2G Government Domestic Diesel	0.0881	0.0881
13	1.23 Churches, Schools & Com Halls	0.0224	0.0224
14	2.1 GS 0-10 kW	0.1393	0.1393
15	2.2 GS 10-100 kW	0.3379	0.3379
16	2.3 GS 110-1,000 kVa	0.0280	0.0280
17	2.4 GS Over 1,000 kVa	0.0219	0.0219
20	4.1 Street and Area Lighting	0.0118	0.0118
21	4.1G Gov't Street and Area Lighting	0.0009	0.0009
22	Total	1.0000	1.0000

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service
Labrador Isolated

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Allocated Revenue Requirement Excluding Return																		
1	1.2 Domestic Diesel	21,713,165	5,227,588	14,614,673	-	77,203	478,414	164,218	71,309	147,957	75,801	99,783	40,439	77,950	-	540,328	-	-
2	1.2G Government Domestic Diesel	773,651	189,095	506,352	-	2,793	17,305	4,328	2,579	3,899	2,742	2,630	1,066	2,054	-	14,240	-	-
3	1.23 Churches, Schools & Com Halls	1,169,126	207,725	903,736	-	3,068	19,010	3,604	2,834	3,248	3,012	2,190	888	1,711	-	11,860	-	-
4	2.1 GS 0-10 kW	3,206,931	626,901	2,253,390	-	9,258	57,372	28,456	8,551	25,639	9,090	17,291	13,156	25,360	-	93,630	-	-
5	2.2 GS 10-100 kW	8,327,862	1,655,279	6,273,105	-	24,446	151,486	8,960	22,579	8,072	24,002	5,444	10,524	20,287	-	29,480	-	-
6	2.3 GS 110-1,000 kVa	1,629,157	131,342	1,467,121	-	1,940	12,020	441	1,792	398	1,904	268	915	1,764	-	1,452	-	-
7	2.4 GS Over 1,000 kVa	1,222,889	99,671	1,102,839	-	1,472	9,122	74	1,360	66	1,445	45	153	294	-	242	-	-
8	4.1 Street and Area Lighting	259,262	39,123	107,940	-	578	3,580	9,048	534	8,152	567	5,498	-	-	-	51,177	29,771	-
9	4.1G Gov't Street and Area Lighting	263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Total	38,302,306	8,176,723	27,229,155	-	120,758	748,311	219,129	111,538	197,431	118,564	133,148	67,140	129,420	51,177	721,003	-	-
Allocated Return on Debt and Equity																		
11	1.2 Domestic Diesel	3,458,350	1,451,954	1,568,112	-	38,702	148,040	51,413	28,112	58,329	23,489	31,138	14,808	26,619	-	17,634	-	-
12	1.2G Government Domestic Diesel	120,742	52,521	54,330	-	1,400	5,355	1,355	1,017	1,537	850	821	390	702	-	465	-	-
13	1.23 Churches, Schools & Com Halls	168,523	57,695	96,968	-	1,538	5,883	1,128	1,117	1,280	933	683	325	584	-	387	-	-
14	2.1 GS 0-10 kW	485,431	174,121	241,782	-	4,641	17,753	8,909	3,371	10,108	2,817	5,396	4,818	8,660	-	3,056	-	-
15	2.2 GS 10-100 kW	1,227,737	459,751	673,086	-	12,255	48,876	2,805	8,902	3,182	7,438	1,699	3,854	6,928	-	962	-	-
16	2.3 GS 110-1,000 kVa	201,250	36,480	157,418	-	972	3,719	138	706	157	590	84	335	602	-	47	-	-
17	2.4 GS Over 1,000 kVa	150,786	27,683	118,331	-	738	2,823	23	536	26	448	14	56	100	-	8	-	-
20	4.1 Street and Area Lighting	50,627	10,866	11,582	-	290	1,108	2,833	210	3,214	176	1,716	-	-	-	17,662	972	-
21	4.1G Gov't Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total	5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-	-

Schedule 3.2C
Page 2 of 4

NEWFOUNDLAND & LABRADOR HYDRO					
2027 Test Year Cost of Service Study					
Labrador Isolated					
Allocation of Functionalized Amounts to Classes of Service (CONTD.)					
Line No.	Description	18	19		
		Revenue Related		PUB	
		Municipal Tax (\$)	Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Allocated Return on Debt and Equity					
11	1.2 Domestic Diesel	-	-		
12	1.2G Government Domestic Diesel	-	-		
13	1.23 Churches, Schools & Com Halls	-	-		
14	2.1 GS 0-10 kW	-	-		
15	2.2 GS 10-100 kW	-	-		
16	2.3 GS 110-1,000 kVa	-	-		
17	2.4 GS Over 1,000 kVa	-	-		
20	4.1 Street and Area Lighting	-	-		
21	4.1G Gov't Street and Area Lighting	-	-		
22	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONTD.)
Labrador Isolated

Line No.	Description	1	2	3	4	5	6	Distribution				12	13	14	15	16	17		
								Line Transformers										Secondary Lines	
								Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)							Demand (\$)	Customer (\$)
Total Revenue Requirement																			
1	1.2 Domestic Diesel		25,171,515	6,679,542	16,182,786	-	115,905	626,454	215,631	99,421	206,286	99,290	130,921	55,247	104,569	-	557,962		
2	1.2G Government Domestic Diesel		894,393	241,616	560,683	-	4,193	22,660	5,683	3,596	5,436	3,592	3,450	1,456	2,756	-	14,705		
3	1.23 Churches, Schools & Com Halls		1,337,649	265,420	1,000,704	-	4,606	24,893	4,733	3,951	4,528	2,874	2,874	1,213	2,295	-	12,247		
4	2.1 GS 0-10 kW		3,692,362	801,021	2,495,172	-	13,900	75,125	37,365	11,923	35,746	11,907	22,686	17,974	34,020	-	96,686		
5	2.2 GS 10-100 kW		9,555,598	2,115,030	6,946,191	-	36,701	198,362	11,765	31,481	11,255	7,143	14,378	27,215	30,442	-	97,714		
6	2.3 GS 110-1,000 kVA		1,830,407	167,822	1,624,539	-	2,912	15,739	580	2,498	554	2,495	352	1,250	2,366	-	1,500		
7	2.4 GS Over 1,000 kVA		1,373,675	127,354	1,221,170	-	2,210	11,944	97	1,896	92	1,893	59	208	394	-	250		
8	4.1 Street and Area Lighting		309,889	49,989	119,522	-	867	4,688	11,881	744	11,366	743	7,213	-	68,839	-	30,742		
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Total		44,165,752	10,447,794	30,150,766	-	181,293	979,867	287,733	155,509	275,264	155,305	174,698	91,727	173,615	68,839	744,534		
Re-classification of Revenue-Related																			
11	1.2 Domestic Diesel		0	25,974	62,927	-	451	2,436	838	387	802	386	509	215	407	-	2,170		
12	1.2G Government Domestic Diesel		(0)	6,824	15,836	-	118	640	161	102	154	101	97	41	78	-	415		
13	1.23 Churches, Schools & Com Halls		0	1,244	4,691	-	22	117	22	19	21	18	12	6	11	-	57		
14	2.1 GS 0-10 kW		(0)	8,515	26,523	-	148	799	397	127	380	127	241	191	362	-	1,028		
15	2.2 GS 10-100 kW		0	21,057	69,155	-	365	1,975	117	313	112	313	71	143	271	-	303		
16	2.3 GS 110-1,000 kVA		0	718	6,952	-	12	67	2	11	2	11	2	5	10	-	6		
17	2.4 GS Over 1,000 kVA		(0)	569	5,454	-	10	53	0	8	0	8	0	1	2	-	1		
20	4.1 Street and Area Lighting		(0)	537	1,284	-	9	50	128	8	122	8	78	-	740	-	330		
21	4.1G Gov't Street and Area Lighting		(263)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	Total		(263)	65,438	192,824	-	1,135	6,137	1,666	974	1,594	973	1,012	602	1,140	740	4,311		
Total Allocated Revenue Requirement																			
23	1.2 Domestic Diesel		25,171,515	6,705,516	16,245,713	-	116,356	628,890	216,469	99,808	207,088	99,676	131,430	55,462	104,975	-	560,132		
24	1.2G Government Domestic Diesel		894,393	248,440	576,519	-	4,311	23,300	5,843	3,698	5,590	3,693	3,548	1,497	2,834	-	15,120		
25	1.23 Churches, Schools & Com Halls		1,337,649	266,664	1,005,395	-	4,627	25,010	4,755	3,969	4,549	2,887	2,887	1,218	2,306	-	12,304		
26	2.1 GS 0-10 kW		3,692,362	809,536	2,521,695	-	14,047	75,924	37,763	12,049	36,126	12,034	12,034	18,165	34,382	-	97,714		
27	2.2 GS 10-100 kW		9,555,598	2,136,087	7,015,346	-	37,066	200,337	11,882	31,794	11,367	7,214	14,522	27,486	30,745	-	97,714		
28	2.3 GS 110-1,000 kVA		1,830,407	168,540	1,631,491	-	2,925	15,807	582	2,509	557	2,505	353	1,256	2,376	-	1,506		
29	2.4 GS Over 1,000 kVA		1,373,675	127,923	1,226,624	-	2,220	11,998	97	1,904	93	1,902	59	209	396	-	251		
32	4.1 Street and Area Lighting		309,889	50,527	120,806	-	877	4,739	12,008	752	11,488	751	7,291	-	69,579	-	31,072		
33	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
34	Total		44,165,488	10,513,232	30,343,589	-	182,429	986,005	289,399	156,483	276,858	156,277	175,709	92,329	174,755	69,579	748,845		

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18 Revenue Related		19 PUB	
		Municipal Tax (\$)	Assessment (\$)	Basis of Proration	
Total Revenue Requirement					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Re-classification of Revenue-Related					
11	1.2 Domestic Diesel	(91,984)	(5,518)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.	
12	1.2G Government Domestic Diesel	(23,177)	(1,390)		
13	1.23 Churches, Schools & Com Halls	(5,888)	(353)		
14	2.1 GS 0-10 kW	(36,638)	(2,198)		
15	2.2 GS 10-100 kW	(88,866)	(5,331)		
16	2.3 GS 110-1,000 kVa	(7,359)	(441)		
17	2.4 GS Over 1,000 kVa	(5,762)	(346)		
20	4.1 Street and Area Lighting	(3,108)	(186)		
21	4.1G Gov't Street and Area Lighting	(248)	(15)		
22	Total	(263,030)	(15,779)		
Total Allocated Revenue Requirement					
23	1.2 Domestic Diesel	-	-		
24	1.2G Government Domestic Diesel	-	-		
25	1.23 Churches, Schools & Com Halls	-	-		
26	2.1 GS 0-10 kW	-	-		
27	2.2 GS 10-100 kW	-	-		
28	2.3 GS 110-1,000 kVa	-	-		
29	2.4 GS Over 1,000 kVa	-	-		
32	4.1 Street and Area Lighting	-	-		
33	4.1G Gov't Street and Area Lighting	-	-		
34	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement

Line No.	Description	2	3	4	5	Distribution										14	15	16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers						Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					Demand (\$)	Customer (\$)				
Expenses																									
1	Operating & Maintenance	2,238,392	1,275,200	-	-	100,796	307,043	89,651	25,448	45,045	51,710	56,720	9,086	28,797	13,580	142,113	-								
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
3	Fuels-Diesel	756,000	-	756,000	-	-	-	-	-	-	-	-	-	-	-	-	-								
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	Power Purchases-CF(L)Co	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
6	Power Purchases-Other	4,104,300	-	4,104,300	-	-	-	-	-	-	-	-	-	-	-	-	-								
7	Depreciation	1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,597	4,086	30,524	19,412	10,926	-								
Expense Credits																									
8	Sundry	(7,321)	(4,171)	-	-	(330)	(1,004)	(293)	(83)	(147)	(169)	(186)	(30)	(94)	(44)	(465)	-								
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
12	Pole Attachments	(61,423)	-	-	-	-	(35,524)	(12,140)	-	-	(6,288)	(7,471)	-	-	-	-	-								
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
15	Application Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
16	Meter Test Revenues	(432)	-	-	-	-	-	-	-	-	-	-	-	-	-	(432)	-								
17	Total Expense Credits	(69,176)	(4,171)	-	-	(330)	(36,528)	(12,434)	(83)	(147)	(6,457)	(7,656)	(30)	(94)	(44)	(897)	-								
18	Subtotal Expenses	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-								
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
20	Subtotal Revenue Requirement Ex. Return	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-								
21	Return on Debt	807,239	515,833	2,820	-	80,989	93,023	26,427	11,363	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-								
22	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	16,418	7,059	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-								
23	Total Revenue Requirement	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-								

Schedule 2.1D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18		19		20
		Municipal Tax (\$)	Revenue Related	PUB Assessment (\$)	Basis of Functional Classification	
1	Expenses					
2	Operating & Maintenance	87,928		5,275	Carryforward from Sch.2.4 L.24	
3	Fuels	-		-	Production - Energy	
4	Fuels-Diesel	-		-	Production - Energy	
5	Fuels-Gas Turbine	-		-	Production - Energy	
6	Power Purchases -CF(L)Co	-		-		
7	Power Purchases-Other	-		-	Carryforward from Sch.4.4 L.21	
	Depreciation	-		-	Carryforward from Sch.2.5 L.23	
8	Expense Credits					
9	Sundry	(288)		(17)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
10	Building Rental Income	-		-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
11	Tax Refunds	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Suppliers' Discounts	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
13	Pole Attachments	-		-	Prorated on Distribution Poles - Sch.4.1 L.37	
14	Secondary Energy Revenues	-		-	Production - Energy	
15	Wheeling Revenues	-		-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
16	Application Fees	-		-	Accounting - Customer	
17	Meter Test Revenues	-		-	Meters - Customer	
	Total Expense Credits	(288)		(17)		
18	Subtotal Expenses	87,641		5,257		
19	Disposal Gain / Loss	-		-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20	Subtotal Revenue Requirement Ex. Return	87,641		5,257		
21	Return on Debt	-		-	Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-	Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	87,641		5,257		

Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	Description	2	3	4	5	Distribution						14	15	16	17									
						Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines						Line Transformers		Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Customer (\$)					Demand (\$)	Customer (\$)							
Production																								
1	Diesel	20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
2	Subtotal Production	20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Transmission																								
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Distribution																								
6	Substation Structures & Equipment	2,430,420	66,299	-	-	2,364,122	-	-	-	-	-	-	-	-	-	-	-							
7	Land & Land Improvements	452,466	-	-	-	-	341,137	43,459	-	-	39,568	28,302	-	-	-	-	-							
8	Poles	9,870,601	-	-	-	-	5,708,642	1,950,944	-	-	1,010,434	1,200,581	-	-	-	-	-							
9	Primary Conductor & Equipment	1,561,625	-	-	-	-	1,385,161	176,464	-	-	-	-	-	-	-	-	-							
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11	Transformers	1,706,981	-	-	-	-	-	-	616,220	1,090,761	-	-	-	-	-	-	-							
12	Secondary Conductors & Equipment	346,715	-	-	-	-	-	-	-	-	202,135	144,580	-	-	-	-	-							
13	Services	220,006	-	-	-	-	-	-	-	-	-	-	220,006	-	-	-	-							
14	Meters	517,483	-	-	-	-	-	-	-	-	-	-	-	517,483	-	-	-							
15	Street Lighting	328,828	-	-	-	-	-	-	-	-	-	-	-	-	328,828	-	-							
16	Subtotal Distribution	17,435,125	66,299	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-	-							
17	Subttl Prod, Trans, & Dist	38,053,864	20,685,037	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-	-							
18	General	3,153,661	1,876,333	-	-	142,013	446,618	130,404	37,016	65,522	75,216	82,504	13,216	42,644	19,753	222,420	-							
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
21	Software - General	165,343	89,876	-	-	10,272	32,305	9,432	2,677	4,739	5,441	5,968	956	2,248	1,429	-	-							
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
23	Total Plant	41,372,868	22,651,247	-	-	2,516,407	7,913,864	2,310,704	655,914	1,161,022	1,332,793	1,461,935	234,178	562,376	350,009	222,420	-							

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	18 Basis of Functional Classification
		Production	
1		Diesel	Production - Demand, Energy ratios Sch.4.1 L.8
2		Subtotal Production	
		Transmission	
3		Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Customer
4		Terminal Stations	Production, Transmission - Demand; Spec Assigned - Customer
5		Subtotal Transmission	
		Distribution	
6		Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9		Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12		Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13		Services	Services Customer
14		Meters	Meters - Customer
15		Street Lighting	Street Lighting - Customer
16		Subtotal Distribution	
		Subttl Prod, Trans, & Dist	
17		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
18		Telecontrol - Specific	Specifically Assigned - Customer
19		Feasibility Studies	Production, Transmission - Demand
20		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
21		Software - Customer Accounting	Customer Accounting
22		Total Plant	
23			

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		15,033,294	15,033,294	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		15,033,294	15,033,294														
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission																	
Distribution																	
6 Substation Structures & Equipment		2,440,494	9,074	-	-	2,431,420	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		334,240	-	-	-	-	32,104	-	-	-	29,229	20,907	-	-	-	-	-
8 Poles		3,308,260	-	-	-	-	1,913,326	653,884	-	-	338,660	402,390	-	-	-	-	-
9 Primary Conductor & Equipment		524,157	-	-	-	-	464,927	59,230	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		917,847	-	-	-	-	-	-	331,343	586,505	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		120,694	-	-	-	-	-	-	-	-	70,365	50,329	-	-	-	-	-
13 Services		54,609	-	-	-	-	-	-	-	-	-	-	54,609	-	-	-	-
14 Meters		365,361	-	-	-	-	-	-	-	-	-	-	-	365,361	-	-	-
15 Street Lighting		207,035	-	-	-	-	-	-	-	-	-	-	-	-	207,035	-	-
16 Subtotal Distribution		8,272,698	9,074			2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035		
17 Subtl Prod, Trans, & Dist		23,305,992	15,042,368			2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035		
18 General		1,218,691	725,085	-	-	54,879	172,590	50,393	14,305	25,320	29,066	31,883	5,107	16,479	7,633	85,951	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		162,163	104,665	-	-	16,918	18,301	5,185	2,305	4,081	3,049	3,295	380	2,542	1,441	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Net Book Value		24,686,846	15,872,117			2,503,217	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup

Functional Classification of Operating & Maintenance Expense

Line No.	Description	2	3	4	5	Distribution										15	16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightin Customer (\$)	Accounting Customer (\$)
										Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)				
Production																								
1	Diesel	822,932	822,932	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
2	Other	13,430	13,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
3	Subtotal Production	836,362	836,362	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Transmission																								
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Distribution																								
8	Other	453,948	1,779	-	-	63,436	199,500	58,250	16,535	29,268	33,598	36,854	5,903	-	8,823	-	-							
9	Meters	19,049	-	-	-	-	-	-	-	-	-	-	-	19,049	-	-	-							
10	Subtotal Distribution	472,997	1,779	-	-	63,436	199,500	58,250	16,535	29,268	33,598	36,854	5,903	19,049	8,823	-	-							
11	Subtl Prod, Trans, & Dist	1,309,359	838,141	-	-	63,436	199,500	58,250	16,535	29,268	33,598	36,854	5,903	19,049	8,823	-	-							
12	Customer Accounting	99,353	-	-	-	-	-	-	-	-	-	-	-	-	-	99,353	-							
Administrative & General:																								
Plant-Related:																								
13	Production	40,074	40,074	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
15	Distribution	45,672	174	-	-	6,193	19,476	5,687	1,614	2,857	3,280	3,598	576	1,356	861	-	-							
16	Prod, Trans, Distn Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
17	Prod, Trans, Distn & General Plt	3,364	1,842	-	-	205	643	188	53	94	108	119	19	46	28	18	-							
18	Property Insurance	35,075	30,201	-	-	3,355	598	175	50	88	101	110	18	57	26	298	-							
Revenue Related:																								
19	Municipal Tax	87,928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
20	PUB Assessment	5,275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
21	All Expense-Related	601,806	358,056	-	-	27,100	85,227	24,885	7,064	12,503	14,353	15,744	2,522	8,138	3,769	42,444	-							
Prod, Trans, and Distn Expense-																								
22	Related	10,486	6,713	-	-	508	1,598	467	132	234	289	295	47	153	71	-	-							
23	Subtotal Admin & General	829,680	437,059	-	-	37,360	107,542	31,400	8,913	15,777	18,111	19,866	3,182	9,749	4,756	42,760	-							
24	Total Operating & Maintenance Expenses	2,238,392	1,275,200	-	-	100,796	307,043	89,651	25,448	45,045	51,710	56,720	9,086	28,797	13,580	142,113	-							

Schedule 2.4D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

L'Anse au Loup

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification	20
		18 Municipal Tax	19 PUB Assessment	20		
	Production					
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8	
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8	
3	Subtotal Production	-	-	-		
	Transmission					
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3	
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4	
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	
7	Subtotal Transmission	-	-	-		
	Distribution					
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16, less L. 14	
9	Meters	-	-	-	Meters - Customer	
10	Subtotal Distribution	-	-	-		
11	Subttl Prod, Trans, & Dist	-	-	-		
12	Customer Accounting	-	-	-	Accounting - Customer	
	Administrative & General:					
	Plant-Related:					
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2	
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16	
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17	
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23	
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19	
	Revenue Related:					
19	Municipal Tax	87,928	-	-	Revenue-related	
20	PUB Assessment	-	5,275	-	Revenue-related	
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12	
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	
23	Subtotal Admin & General	87,928	5,275	-		
24	Total Operating & Maintenance Expenses	87,928	5,275	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Depreciation Expenses

Line No.	Description	2	3	4	5	Distribution										16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)				
Production																							
1	Diesel	831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
2	Subtotal Production	831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Transmission																							
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Distribution																							
6	Substation Structures & Equipment	27,473	296	-	-	27,177	-	-	-	-	-	-	-	-	-	-	-						
7	Land & Land Improvements	7,258	-	-	-	-	5,472	697	-	-	635	454	-	-	-	-	-						
8	Poles	229,935	-	-	-	-	132,982	45,447	-	-	23,538	27,967	-	-	-	-	-						
9	Primary Conductor & Equipment	21,388	-	-	-	-	18,971	2,417	-	-	-	-	-	-	-	-	-						
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Transformers	47,675	-	-	-	-	-	-	17,211	30,464	-	-	-	-	-	-	-						
12	Secondary Conductors & Equipment	4,672	-	-	-	-	-	-	-	-	2,724	1,948	-	-	-	-	-						
13	Services	3,309	-	-	-	-	-	-	-	-	-	-	3,309	-	-	-	-						
14	Meters	27,371	-	-	-	-	-	-	-	-	-	-	-	27,371	-	-	-						
15	Street Lighting	17,756	-	-	-	-	-	-	-	-	-	-	-	-	17,756	-	-						
16	Subtotal Distribution	386,836	296	-	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-						
Subtotal Prod Tran & Dist																							
17	Subtotal Prod Tran & Dist	1,218,208	831,669	-	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-						
General																							
18	General	154,920	92,173	-	-	6,976	21,940	6,406	1,818	3,219	3,695	4,053	649	2,095	970	10,926	-						
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20	GEC and AFUDC	4,499	3,071	-	-	100	581	179	64	112	99	112	12	101	66	-	-						
21	Software - General	42,606	29,087	-	-	950	5,506	1,698	602	1,065	941	1,062	116	957	621	-	-						
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Total Depreciation Expense																							
23	Total Depreciation Expense	1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,997	4,086	30,524	19,412	10,926	-						

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base

Line No.	Description	2	3	4	5	Distribution										15	16	Specifically Assigned Customer (\$)				
						Substations		Primary Lines		Line Transformers		Secondary Lines		Services					Meters		Street Lightin	
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)
1	Average Net Book Value	24,686,846	15,872,117	-	-	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-						
2	Cash Working Capital	16,039	10,312	-	-	1,826	520	226	400	306	331	39	250	140	56	-						
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Fuel Inventory - Diesel	93,674	-	93,674	-	-	-	-	-	-	-	-	-	-	-	-						
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6	Inventory/Supplies	473,133	259,036	-	-	28,777	26,425	7,501	13,277	15,242	16,718	2,678	6,431	4,003	2,544	-						
Deferred Charges:																						
Foreign Exchange Loss and																						
7	Regulatory Costs	1,186,580	762,898	-	-	135,599	38,490	16,724	29,604	22,608	24,456	2,889	18,475	10,387	4,131	-						
8	Retired Asset Pool	362,309	232,942	-	-	36,738	41,404	5,107	9,039	6,903	7,467	882	5,641	3,172	1,261	-						
9	Total Rate Base	26,818,581	17,137,305	93,674	-	3,090,481	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Rate Base Available for Equity Return	26,818,581	17,137,305	93,674	-	3,090,481	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
12	Return on Debt	807,239	515,833	2,820	-	80,989	93,023	26,427	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-						
13	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	16,418	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-						
14	Return on Rate Base	1,308,747	836,300	4,571	-	131,305	150,815	42,846	18,423	25,153	27,220	3,249	20,261	11,410	4,584	-						

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		Basis of Functional Classification	
1	Average Net Book Value	Sch. 2.3, L. 23	
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1	
3	Fuel Inventory - No. 6 Fuel	Production - Energy	
4	Fuel Inventory - Diesel		
5	Fuel Inventory - Gas Turbine		
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23	
7	Deferred Charges:		
8	Foreign Exchange Loss and		
9	Regulatory Costs	Prorated on Average Net Book Value, L. 1	
	Retired Asset Pool	Prorated on Average Net Book Value, L. 1	
	Total Rate Base		
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt	L.9 x Sch.1.1,p2,L.16	
13	Return on Equity	L.11 x Sch.1.1,p2,L.19	
14	Return on Rate Base		

Schedule 3.1D
Page 1 of 2

Schedule 3.1D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	Revenue Related		19
		Municipal Tax (Prior Year (Rural Revenues)	PUB Assessment (Prior Year (Revenues + RSP)	
Amounts				
1	1.1 Domestic Diesel	609,244	609,244	
2	1.12 Domestic All Electric	1,321,780	1,321,780	
3	2.1 GS 0-10 kW	899,489	899,489	
4	2.2 GS 10-100 kW	-	-	
5	2.3 GS 110-1,000 kVa	277,254	277,254	
6	4.1 Street and Area Lighting	18,925	18,925	
7	Total	3,126,692	3,126,692	
Ratios				
8	1.1 Domestic Diesel	0.1949	0.1949	
9	1.12 Domestic All Electric	0.4227	0.4227	
10	2.1 GS 0-10 kW	0.2877	0.2877	
11	2.2 GS 10-100 kW	-	-	
12	2.3 GS 110-1,000 kVa	0.0887	0.0887	
13	4.1 Street and Area Lighting	0.0061	0.0061	
14	Total	1.0000	1.0000	

L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service

Line No.	Description	2	3	4	5	Distribution										16	Specifically Assigned Customer (\$)			
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)	
Allocated Revenue Requirement Excluding Return																				
1	1.1 Domestic Diesel	1,889,747	554,506	959,029	-	33,781	113,531	48,946	11,219	29,120	19,143	30,910	2,890	13,024	-	55,547	-			
2	1.1.2 Domestic All Electric	3,816,627	1,057,198	2,172,394	-	64,405	216,453	56,699	21,390	33,733	36,498	35,806	3,348	15,087	-	64,346	-			
3	2.1 GS 0-10 kW	2,046,179	489,511	1,259,419	-	29,821	100,224	23,141	9,904	13,768	16,900	14,614	6,518	29,373	-	26,262	-			
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	2.3 GS 110-1,000 kVa	626,992	119,082	456,772	-	7,255	24,381	778	2,409	463	4,111	491	387	1,743	-	883	-			
6	4.1 Street and Area Lighting	70,204	6,731	12,687	-	410	1,378	4,498	136	2,676	232	2,841	-	32,948	5,105	-	-			
7	Total	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,039	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-			
Allocated Return on Debt and Equity																				
8	1.1 Domestic Diesel	334,557	208,230	902	-	32,694	37,551	15,643	4,587	11,906	6,263	9,938	715	4,455	-	1,674	-			
9	1.1.2 Domestic All Electric	605,009	397,002	2,043	-	62,332	71,594	18,121	8,745	13,792	11,940	11,512	828	5,161	-	1,939	-			
10	2.1 GS 0-10 kW	286,771	183,823	1,185	-	28,861	33,150	7,396	4,049	5,629	5,529	4,699	1,611	10,048	-	791	-			
11	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
12	2.3 GS 110-1,000 kVa	63,877	44,718	430	-	7,021	8,064	249	985	189	1,345	158	96	596	-	27	-			
13	4.1 Street and Area Lighting	18,533	2,528	12	-	397	456	1,438	56	1,094	76	913	-	11,410	154	-	-			
14	Total	1,308,747	836,300	4,571	-	131,305	150,815	42,846	18,423	32,609	25,153	27,220	3,249	20,261	17,410	4,584	-			

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.1 Domestic Diesel	17,077	1,024		
2	1.12 Domestic All Electric	37,049	2,223		
3	2.1 GS 0-10 kW	25,213	1,512		
4	2.2 GS 10-100 kW	-	-		
5	2.3 GS 110-1,000 kVa	7,771	466		
6	4.1 Street and Area Lighting	530	32		
7	Total	87,641	5,257		
Allocated Return on Debt and Equity					
8	1.1 Domestic Diesel	-	-		
9	1.12 Domestic All Electric	-	-		
10	2.1 GS 0-10 kW	-	-		
11	2.2 GS 10-100 kW	-	-		
12	2.3 GS 110-1,000 kVa	-	-		
13	4.1 Street and Area Lighting	-	-		
14	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	2	3	4	5	Distribution										15	16	17							
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transm Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)					
Total Revenue Requirement																									
1	1.1 Domestic Diesel	2,224,304	762,736		-	66,474	151,082	64,589	15,806	41,025	25,406	40,847	3,604	17,480	-	57,221	-								
2	1.1.2 Domestic All Electric	4,421,637	1,454,200	2,174,437	-	126,737	288,047	74,820	30,136	47,524	48,438	47,318	4,175	20,248	-	66,285	-								
3	2.1 GS 0-10 kW	2,332,950	673,333	1,260,604	-	58,682	133,374	30,537	13,954	19,397	22,428	19,312	8,129	39,421	-	27,054	-								
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	2.3 GS 110-1,000 kVa	690,869	163,801	457,201	-	14,276	32,446	1,026	3,394	652	5,456	649	482	2,339	-	909	-								
6	4.1 Street and Area Lighting	88,737	9,259	12,699	-	807	1,834	5,936	192	3,770	308	3,754	-	44,358	5,258	-	-								
7	Total	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-								
Re-classification of Revenue-Related																									
8	1.1 Domestic Diesel	-	6,258	7,876	-	545	1,240	530	130	337	208	335	30	143	-	469	-								
9	1.1.2 Domestic All Electric	0	13,032	19,486	-	1,136	2,581	670	270	426	434	424	37	181	-	594	-								
10	2.1 GS 0-10 kW	(0)	7,803	14,608	-	680	1,546	354	162	225	260	224	94	457	-	314	-								
11	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
12	2.3 GS 110-1,000 kVa	0	1,977	5,517	-	172	392	12	41	8	66	8	6	28	-	11	-								
13	4.1 Street and Area Lighting	0	59	81	-	5	12	38	1	24	2	24	-	-	283	34	-								
14	Total	0	29,128	47,568	-	2,539	5,770	1,605	604	1,019	970	1,015	167	810	283	1,421	-								
Total Allocated Revenue Requirement																									
15	1.1 Domestic Diesel	2,224,304	768,994	987,807	-	67,020	152,322	65,119	15,936	41,362	25,615	41,182	3,634	17,623	-	57,690	-								
16	1.1.2 Domestic All Electric	4,421,637	1,467,231	2,193,923	-	127,872	290,629	75,490	30,406	47,950	48,872	47,742	4,213	20,430	-	66,879	-								
17	2.1 GS 0-10 kW	2,332,950	681,136	1,275,212	-	59,363	134,919	30,891	14,115	19,621	22,688	19,536	8,223	39,878	-	27,367	-								
18	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
19	2.3 GS 110-1,000 kVa	690,869	165,777	462,718	-	14,448	32,837	1,039	3,435	660	5,522	657	488	2,367	-	920	-								
20	4.1 Street and Area Lighting	88,737	9,318	12,780	-	812	1,846	5,973	193	3,794	310	3,778	-	44,641	5,292	-	-								
21	Total	9,758,496	3,092,457	4,912,440	-	269,514	612,552	178,512	64,086	113,387	103,008	112,398	16,558	80,298	44,641	158,148	-								

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related		
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration
Total Revenue Requirement				
1	1.1 Domestic Diesel	17,077	1,024	
2	1.12 Domestic All Electric	37,049	2,223	
3	2.1 GS 0-10 kW	25,213	1,512	
4	2.2 GS 10-100 kW	-	-	
5	2.3 GS 110-1,000 kVa	7,771	466	
6	4.1 Street and Area Lighting	530	32	
7	Total	87,641	5,257	
Re-classification of Revenue-Related				
8	1.1 Domestic Diesel	(17,077)	(1,024)	Re-classification to demand, energy and customer is based on rate class revenue
9	1.12 Domestic All Electric	(37,049)	(2,223)	requirements excluding revenue-related items.
10	2.1 GS 0-10 kW	(25,213)	(1,512)	
11	2.2 GS 10-100 kW	-	-	
12	2.3 GS 110-1,000 kVa	(7,771)	(466)	
13	4.1 Street and Area Lighting	(530)	(32)	
14	Total	(87,641)	(5,257)	
Total Allocated Revenue Requirement				
15	1.1 Domestic Diesel	-	-	
16	1.12 Domestic All Electric	-	-	
17	2.1 GS 0-10 kW	-	-	
18	2.2 GS 10-100 kW	-	-	
19	2.3 GS 110-1,000 kVa	-	-	
20	4.1 Street and Area Lighting	-	-	
21	Total	-	-	

[illegible]

[illegible]

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.		System Load Factor					
		1	2	3	4	5	6
			Island Interconnected	Island Isolated	Labrador Isolated	L'Anse au Loup	Labrador Interconnected
1	Sales+Losses for System Load Factor (MWh)		7,416,874	6,022	46,089	27,047	2,810,079
2	Hours in Year		8,760	8,760	8,760	8,760	8,760
3	Average Demand (kW)		846,675	687	5,261	3,088	320,785
4	Coincident Peak at Generation (kW)		1,683,677	1,809	9,688	6,105	480,169
1	System Load Factors		50.29%	38.00%	54.30%	50.57%	66.81%

Schedule 4.3
Page 1 of 1

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Holyrood Capacity Factor

Line No.	1	2	3	4	5
	Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
1	2020 Actual	988,816,044	466	8,760	24.22%
2	2021 Actual	710,554,100	466	8,760	17.43%
3	2022 Actual	744,880,000	466	8,760	18.27%
4	2023 Actual	648,605,350	466	8,760	15.91%
5	2024 Actual	666,289,026	466	8,760	16.34%
6	5-Year Average	751,828,904	466	8,760	18.43%
7	Current Year	455,225,658	466	8,760	11.16%

SNBV1



NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System
Power Purchases

Line No.	1	2	3	4	5	6	7	8	
		Total (\$)	Production Demand (\$)	Production & Transmission Energy (\$)	Transmission Export Demand (\$)	Transmission Network Demand (\$)	Rural Transmission Demand (\$)	Distribution Demand (\$)	Basis of Functional Classification
	Island Interconnected:								
1	DLP Secondary	0		0					Production - Energy (Same as RSP Sec Load Var)
2	AP Secondary	-		-					Production - Energy (Secondary)
3	Wheeling	960,000					960,000		Rural Transmission
4	Interruptible Demand	7,891,076	7,891,076						Production - Demand
5	Interruptible Energy	-		-					Production - Energy
6	Non-utility Generation excluding wind	36,232,222	18,012,027	18,220,195					Energy: System Load Factor
7	Wind Purchases	15,683,047	6,743,710	8,939,337					Production - Energy
8	Muskat Falls Generation	269,134,556	133,794,136	135,340,420					Energy: System Load Factor
9	Total Exports	(40,178,593)	(19,973,876)	(20,204,717)					Energy: System Load Factor
10	Power Purchases - LTA Costs	46,146,683	22,940,776	23,205,907	-				Energy: System Load Factor
11	Power Purchases - LIL Costs	465,082,406	231,205,163	233,877,243	-				Energy: System Load Factor
12	Tariff Revenue	(18,337,593)	(9,116,118)	(9,221,475)	-				Energy: System Load Factor
13	Recapture to the Island	-	-	-	-				Energy: System Load Factor
14	Rate Mitigation	-	-	-	-				
15	Subtotal	782,613,805	391,496,895	390,156,910	-	-	960,000	-	
	Labrador Interconnected:								
16	CF(L)/Co	1,554,061	515,843	1,038,217					Energy: System Load Factor
17	Other	-	-	-					Labrador Lynx Interruptible
18									
19	Subtotal	1,554,061	515,843	1,038,217	-	-	-	-	
	Isolated Systems:								
20	Mary's Harbour	309,793		309,793					Production - Energy
21	L'Anse au Loup	4,104,300		4,104,300					Production - Energy
22	Ramea Wind	177,100	76,153	100,947					Production - Energy
23	Subtotal	4,591,193	76,153	4,515,040	0	0	0	0	
24	Total	788,759,058	392,088,891	395,710,167	-	-	960,000	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System Revenue Requirement

Line No.	1	2	3	4	5	6	7	8
	Description	Total Amount (\$)	Island Interconnected (\$)	Island Isolated (\$)	Labrador Isolated (\$)	L'Anse au Loup (\$)	Labrador Interconnected (\$)	Basis of Proration
	Revenue Requirement							
	Expenses							
1	Operating, Maintenance and Admin.	156,361,556	120,418,337	5,763,854	15,269,542	2,238,392	12,671,431	Detailed Analysis
2	Fuels - No. 6 Fuel	65,010,009	65,010,009	-	-	-	-	Detailed Analysis
3	Fuels - Diesel	22,311,830	2,016,430	2,124,200	17,415,200	756,000	-	Detailed Analysis
4	Fuels - Gas Turbine	18,989,062	18,829,333	-	-	-	159,728	
5	Fuel Supply Deferral	-	-	-	-	-	-	
6	Power Purchases -CF(L)Co	1,554,061	-	-	-	-	1,554,061	Detailed Analysis
7	Power Purchases - Other	65,357,539	60,766,346	177,100	309,793	4,104,300	-	Detailed Analysis
8	Power Purchases - MF	269,134,556	269,134,556	-	-	-	-	Detailed Analysis
9	Total Exports	(40,178,593)	(40,178,593)	-	-	-	-	Detailed Analysis
10	Power Purchases - LTA Costs	46,146,683	46,146,683	-	-	-	-	Detailed Analysis
11	Power Purchases - LIL Costs	465,082,406	465,082,406	-	-	-	-	Detailed Analysis
12	Rate Mitigation	(502,371,185)	(502,371,185)	-	-	-	-	Detailed Analysis
13	Tariff Revenue	(18,337,593)	(18,337,593)	-	-	-	-	Detailed Analysis
14	Depreciation	114,921,995	100,512,135	1,117,417	5,466,481	1,420,232	6,405,729	Detailed Analysis
	Expense Credits:							
15	Sundry	(511,404)	(393,846)	(18,852)	(49,941)	(7,321)	(41,444)	Total O&M Expenses
16	Greenhouse Gas Carbon Credits	(1,250,000)	(1,250,000)	-	-	-	-	Detailed Analysis
17	Building Rental Income	(6,000)	(6,000)	-	-	-	-	Detailed Analysis
18	Tax Refunds	-	-	-	-	-	-	Total O&M Expenses
19	Suppliers' Discounts	-	-	-	-	-	-	Total O&M Expenses
20	Pole Attachments	(1,635,600)	(1,196,656)	(20,860)	(107,593)	(61,423)	(249,068)	Detailed Analysis
21	Wheeling Revenues	-	-	-	-	-	-	Island Interconnected
22	Application Fees	(20,628)	(10,956)	(216)	(1,176)	(432)	(7,848)	Detailed Analysis
23	Meter Test Revenues	-	-	-	-	-	-	Weighted Customers
24	Total Expense Credits	(3,423,632)	(2,857,458)	(39,928)	(158,711)	(69,176)	(298,359)	
25	Subtotal Expenses	660,558,693	584,171,405	9,142,643	38,302,306	8,449,749	20,492,589	Detailed Analysis
26	Disposal Gain/Loss	-	-	-	-	-	-	
27	Subtotal Rev Req Excl Return	660,558,693	584,171,405	9,142,643	38,302,306	8,449,749	20,492,589	
28	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Rate Base
29	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Rate Base
30	Total Revenue Requirement	797,300,923	703,760,789	10,404,667	44,165,762	9,758,496	29,211,220	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System

Return on Rate Base

Line No	1	2	3	4	5	6	7	8
		Total \$	Island Interconnected \$	Island Isolated \$	Labrador Isolated \$	L'Anse au Loup \$	Labrador Interconnected \$	Basis of Proration
Rate Base:								
1	Average Net Book Value	2,404,120,916	2,102,740,030	21,518,581	95,513,749	24,686,846	159,661,709	Schedule 2.3
2	Cash Working Capital	1,562,000	1,366,187	13,981	62,057	16,039	103,735	Prorated on Average Net Book Value - L. 1
3	Cash Working Capital - Muskrat Falls	115,124,000	115,124,000	-	-	-	-	Detailed Analysis
4	Fuel Inventory - No. 6 Fuel	53,963,965	53,963,965	-	-	-	-	Specifically Assigned - Holyrood
5	Fuel Inventory - Diesel	6,181,464	180,546	206,653	5,700,591	93,674	-	Detailed Fuel Analysis
6	Fuel Inventory - Gas Turbine	7,883,571	7,763,006	-	-	-	120,566	Detailed Fuel Analysis
7	Inventory/Supplies	44,722,000	39,481,123	217,603	1,653,208	473,133	2,896,934	Prorated on Total Plant in Service, Schedule 2.2
8	Deferred Charges: Muskrat Falls	47,775	47,775	-	-	-	-	Detailed Analysis
9	Deferred Charges: Foreign Exchange Loss							
10	and Regulatory Costs	115,554,722	101,068,768	1,034,296	4,590,894	1,186,580	7,674,183	Prorated on Average Net Book Value - L. 1
	Retired Asset Pool	52,934,464	28,866,724	2,870,021	12,632,077	362,309	8,203,333	Assigned by System
11	Total Rate Base	<u>2,802,094,876</u>	<u>2,450,602,123</u>	<u>25,861,135</u>	<u>120,152,576</u>	<u>26,818,581</u>	<u>178,660,460</u>	
12	Less: Rural Portion	-	-	-	-	-	-	Schedule 2.6, L. 11
13	Rate Base Available for Equity Return	<u>2,802,094,876</u>	<u>2,450,602,123</u>	<u>25,861,135</u>	<u>120,152,576</u>	<u>26,818,581</u>	<u>178,660,460</u>	
Corporate Targets:								
14	Capital Structure: Percent of Debt	74.50% ⁽¹⁾						
15	Return	4.05%						
16	Weighted Average Return: Debt	<u>3.01%</u>						
17	Capital Structure: Percent of Equity	21.75% ⁽¹⁾						
18	Return	8.60%						
19	Weighted Average Return: Equity	<u>1.87%</u>						
20	Weighted Average Cost of Capital	<u>4.88%</u>						
Return on Rate Base by System (%):								
21	Return on Rate Base - Debt Component	-	3.01%	3.01%	3.01%	3.01%	3.01%	
22	Return on Rate Base - Equity Component	-	1.87%	1.87%	1.87%	1.87%	1.87%	
Return on Rate Base (\$):								
23	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Schedule 2.6, L.13
24	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Schedule 2.6, L.14
25	Return on Rate Base (\$)	<u>136,742,230</u>	<u>119,589,384</u>	<u>1,262,023</u>	<u>5,863,446</u>	<u>1,308,747</u>	<u>8,718,630</u>	Schedule 2.6, L.15
Return on Total Rate Base (%):								
26	Return on Rate Base - Debt Component	3.01%	3.01%	3.01%	3.01%	3.01%	3.01%	L. 23 divided by L.11
27	Return on Rate Base - Equity Component	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	L. 24 divided by L.11
28	Return on Rate Base (%)	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	L. 25 divided by L.11

⁽¹⁾ Debt and equity weightings reflect a 0.74% funded ARO and 3.01% component for Employee Future Benefits at 0% cost.

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

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		636,825,438	574,500,819	-	62,314,982	636,815,801	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		636,825,438	574,500,819	-	62,314,982	636,815,801	1.11
4	Island Industrial		42,424,629	42,426,294	-	-	42,426,294	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	-	2,173,593	22,212,613	1.11
Rural Deficit Areas								
9	Island Interconnected		68,909,058	86,833,677	-	(17,924,619)	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	151,162,062	-	(64,488,576)	86,673,487	0.57
15	Total		797,326,587	797,300,394	-	-	797,300,394	1.00

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Interconnected

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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
	Island Interconnected							
1	Newfoundland Power		636,825,438	574,500,819	-	62,314,982	636,815,801	
2	NLP RSP Activity		-				-	
3	Subtotal Newfoundland Power		636,825,438	574,500,819	-	62,314,982	636,815,801	1.11
4	Industrial - Firm		42,424,629	42,426,294	-		42,426,294	
5	Industrial - Non-Firm		-	-	-		-	
6	Industrial RSP Activity		-				-	
7	Subtotal Industrial		42,424,629	42,426,294	-	-	42,426,294	1.00
8	Unallocated RSP Hydraulic Variation		-					
	Rural							
9	1.1 Domestic		18,788,948	28,004,611	-	(9,215,664)	18,788,948	0.67
10	1.12 Domestic All Electric		23,929,645	31,175,017	-	(7,245,372)	23,929,645	0.77
11	1.3 Special		21,704	86,167	-	(64,463)	21,704	0.25
12	2.1 General Service 0-100 kW		12,084,583	13,524,260	-	(1,439,677)	12,084,583	0.89
13	2.3 General Service 110-1,000 kVa		7,645,700	7,836,417	-	(190,717)	7,645,700	0.98
14	2.4 General Service Over 1,000 kVa		5,260,869	4,755,947	-	504,922	5,260,869	1.11
15	4.1 Street and Area Lighting		1,177,608	1,451,257	-	(273,649)	1,177,608	0.81
16	Subtotal Rural		68,909,058	86,833,677	-	(17,924,619)	68,909,058	0.79
17	Total Island Interconnected		748,159,125	703,760,789	-	44,390,364	748,151,153	1.06

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Island Isolated								
1	1.2 Domestic Diesel		809,510	7,704,844		(6,895,334)	809,510	0.11
2	1.2G Government Domestic Diesel		-	55,464		(55,464)	-	-
3	1.23 Churches, Schools & Com Halls		54,843	367,319		(312,476)	54,843	0.15
4	2.1 General Service 0-10 kW		285,054	823,425		(538,370)	285,054	0.35
5	2.2 GS 10-100 kW		535,299	1,290,296		(754,997)	535,299	0.41
6	2.3 GS 110-1,000 kVa		-	-		-	-	-
7	2.4 General Service Over 1,000 kVa		-	-		-	-	-
8	4.1 Street and Area Lighting		26,859	163,053		(136,195)	26,859	0.16
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		1,717,949	10,404,402		(8,686,453)	1,717,949	0.17

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Labrador Isolated								
1	1.2 Domestic Diesel		4,669,502	25,171,515		(20,502,013)	4,669,502	0.19
2	1.2G Government Domestic Diesel		945,104	894,393		50,711	945,104	1.06
3	1.23 Churches, Schools & Com Halls		328,742	1,337,649		(1,008,907)	328,742	0.25
4	2.1 General Service 0-10 kW		1,505,530	3,692,362		(2,186,832)	1,505,530	0.41
5	2.2 GS 10-100 kW		3,760,679	9,555,598		(5,794,920)	3,760,679	0.39
6	2.3 GS 110-1,000 kVa		364,087	1,830,407		(1,466,319)	364,087	0.20
7	2.4 General Service Over 1,000 kVa		245,160	1,373,675		(1,128,515)	245,160	0.18
8	4.1 Street and Area Lighting		144,155	309,889		(165,734)	144,155	0.47
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		11,969,343	44,165,488		(32,196,145)	11,969,343	0.27

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
L'Anse au Loup								
1	1.1 Domestic		828,511	2,224,304		(1,395,792)	828,511	0.37
2	1.12 Domestic All Electric		1,782,547	4,421,637		(2,639,090)	1,782,547	0.40
3	2.1 General Service 0-100 kW		1,046,118	2,332,950		(1,286,832)	1,046,118	0.45
4	2.2 General Service 10-100 kW		-	-		-	-	-
5	2.3 General Service 110-1,000 kVa		354,037	690,869		(336,832)	354,037	0.51
6	4.1 Street and Area Lighting		65,923	88,737		(22,814)	65,923	0.74
7	Total L'Anse Au Loup		4,077,137	9,758,496		(5,681,359)	4,077,137	0.42

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
1	Labrador Interconnected							
1	Labrador Industrial Firm		9,171,998	9,172,200	-	-	9,172,200	1.00
2	Labrador Industrial Non-Firm		-	-	-	-	-	-
3	Subtotal Industrial		9,171,998	9,172,200	-	-	9,172,200	
4	CFB - Goose Bay Secondary		-	-	-	-	-	-
5	Rural							
5	1.1 Domestic		106,057	206,448	-	22,392.97	228,841	0.46
6	1.1A Domestic All Electric		11,783,491	12,172,687	-	1,320,348	13,493,035	0.87
7	2.1 General Service 0-10 kW		302,008	302,668	-	32,830	335,498	0.90
8	2.2 General Service 10-100 kW		2,488,347	1,963,429	-	212,969	2,176,398	1.14
9	2.3 General Service 110-1,000 kVa		4,254,476	2,864,082	-	310,661	3,174,743	1.34
10	2.4 General Service Over 1,000 kVa		2,903,849	2,090,121	-	226,711	2,316,833	1.25
11	4.1 Street and Area Lighting		392,808	439,585	-	47,681	487,266	0.81
12	Subtotal Rural		22,231,036	20,039,020	-	2,173,593	22,212,613	
13	Total Labrador Interconnected		31,403,034	29,211,220	-	2,173,593	31,384,813	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System
Rural Deficit Allocation

Line No.	1	2	Deficit Allocation Allocated on			
			Revenue Requirement	Island Interconnected	Labrador Interconnected	
			(\$)	(\$)	(\$)	
ALLOCATION OF DEFICIT:						
1	Rural Deficit Classified	64,488,576				
2	Allocated Totals	64,488,576	62,314,982	2,173,593		
CUSTOMER DEFICIT ALLOCATION:						
Island Interconnected:						
3	Newfoundland Power	62,314,982	574,500,819	96.6%		
Labrador Interconnected:						
4	Rural Labrador Interconnected	2,173,593	20,039,020	3.4%		
5	Total	64,488,576		100.0%		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation		
		Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Demand (\$/kW)	Non-Demand Demand & Energy (\$/kWh)
1	Island Interconnected						
2	Newfoundland Power	19.89	-	0.03776	-	22.04	-
3	Industrial - Firm	17.20	-	0.03777	-	17.20	-
4	Industrial - Non-Firm	-	-	-	-	-	-
5	Rural						
6	1.1 Domestic	-	0.16450	0.04165	0.20616	-	-
7	1.12 Domestic All Electric	-	0.14191	0.04174	0.18365	-	-
8	1.3 Special	-	0.20704	0.04132	0.24836	-	-
9	2.1 General Service 0-10 kW	33.41	-	0.04192	-	-	-
10	2.2 General Service 10-100 kW	-	-	-	-	-	-
11	2.3 General Service 110-1,000 kVa	32.04	-	0.04185	-	-	-
12	2.4 General Service Over 1,000 kVa	24.37	-	0.04063	-	-	-
13	4.1 Street and Area Lighting	-	0.16514	0.04190	0.20704	-	-

0.242932862

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation				
		Demand		Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Demand		Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	
		Demand (\$/kW)	Non-Demand (\$/kWh)			Demand (\$/kW)	Non-Demand (\$/kWh)			
Isolated Systems:										
1	1.2 Domestic Diesel	-	0.40411	0.70486	1.10897					
2	2.1 General Service 0-10 kW	-	0.28507	0.70790	0.99296					
3	2.2 GS 10-100 kW	70.74	-	0.70018	-					
4	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-					
5	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-					
6	Subtotal Metered Demand Classes	57.16	-	0.69628	-					
7	4.1 Street and Area Lighting	-	0.41845	0.71159	1.13004					
Island Isolated										
8	1.2 Domestic Diesel	-	0.93339	0.81837	1.75176	-	-	-	-	-
9	2.1 General Service 0-10 kW	-	0.49421	0.82234	1.31655	-	-	-	-	-
10	2.2 GS 10-100 kW	176.03	-	0.82560	-	-	-	-	-	-
11	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-
12	2.4 General Service Over 1,000 kVa	-	-	-	-	-	-	-	-	-
13	4.1 Street and Area Lighting	-	0.88062	0.82195	1.70257	-	-	-	-	-
Labrador Isolated										
14	1.2 Domestic Diesel	-	0.31708	0.68619	1.00327	-	-	-	-	-
15	2.1 General Service 0-10 kW	-	0.25281	0.69024	0.94305	-	-	-	-	-
16	2.2 GS 10-100 kW	61.91	-	0.68978	-	-	-	-	-	-
17	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-	-	-	-	-	-
18	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-	-	-	-	-	-
19	4.1 Street and Area Lighting	-	0.32940	0.69032	1.01972	-	-	-	-	-

Isolated Systems:

1 1.2 Domestic Diesel

2 2.1 General Service 0-10 kW

3 2.2 GS 10-100 kW

4 2.3 GS 110-1,000 kVa

5 2.4 General Service Over 1,000 kVa

6 **Subtotal Metered Demand Classes**

7 4.1 Street and Area Lighting

Island Isolated

8 1.2 Domestic Diesel

9 2.1 General Service 0-10 kW

10 2.2 GS 10-100 kW

11 2.3 GS 110-1,000 kVa

12 2.4 General Service Over 1,000 kVa

13 4.1 Street and Area Lighting

Labrador Isolated

14 1.2 Domestic Diesel

15 2.1 General Service 0-10 kW

16 2.2 GS 10-100 kW

17 2.3 GS 110-1,000 kVa

18 2.4 General Service Over 1,000 kVa

19 4.1 Street and Area Lighting

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation				11
		Demand		Non-Demand		Demand		Non-Demand		
		Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	
L'Anse au Loup										
1	1.1 Domestic	-	0.20909	0.19648	0.40557	45.67	-	-	-	-
2	1.12 Domestic All Electric	-	0.17611	0.19663	0.37274	45.70	-	-	-	-
3	2.1 General Service 0-10 kW	39.65	-	0.19714	-	62.03	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	24.22	-	0.19724	-	77.75	-	-	-	-
6	4.1 Street and Area Lighting	-	0.19152	0.19613	0.38764	139.21	-	-	-	-
Labrador Interconnected										
7	Labrador Industrial - Firm	2.40	-	-	-	-	2.40	-	-	-
8	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-	-
9	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-
Rural										
10	1.1 Domestic	-	0.02547	0.00153	0.02700	38.32	-	0.02824	0.00169	0.02993
11	1.1A Domestic All Electric	-	0.02181	0.00155	0.02336	38.79	-	0.02418	0.00171	0.02589
12	Subtotal Domestic	-	0.02184	0.00155	0.02338	38.78	-	0.02421	0.00171	0.02592
13	2.1 General Service 0-10 kW	-	0.01650	0.00156	0.01806	43.34	-	0.01829	0.00173	0.02002
14	2.2 General Service 10-100 kW	5.33	-	0.00156	-	57.22	5.91	-	0.00173	-
15	2.3 General Service 110-1,000 kVa	5.43	-	0.00156	-	75.01	6.02	-	0.00173	-
16	2.4 General Service Over 1,000 kVa	7.81	-	0.00154	-	75.75	8.66	-	0.00171	-
17	4.1 Street and Area Lighting	-	0.02190	0.00154	0.02344	87.30	-	0.02427	0.00171	0.02599

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation		
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Energy (\$)
1	Island Interconnected						
2	Newfoundland Power	574,500,819	344,656,772	227,100,707	2,743,340	636,815,801	251,733,877
3	Industrial - Firm	42,426,294	18,845,650	23,167,370	413,273	42,426,294	23,167,370
	Industrial - Non-Firm	-	-	-	-	-	-
4	Rural						
5	1.1 Domestic	28,004,611	17,900,713	4,532,464	5,571,435	-	-
6	1.12 Domestic All Electric	31,175,017	20,819,608	6,123,090	4,232,319	-	-
7	1.3 Special	86,167	71,430	14,256	481	-	-
8	2.1 General Service 0-10 kW	13,524,260	8,293,252	3,053,241	2,177,767	-	-
9	2.2 General Service 10-100 kW	-	-	-	-	-	-
10	2.3 General Service 110-1,000 kVa	7,836,417	5,478,840	2,279,147	78,430	-	-
11	2.4 General Service Over 1,000 kVa	4,755,947	3,111,849	1,636,600	7,499	-	-
	4.1 Street and Area Lighting	1,451,257	342,967	87,018	1,021,272	-	-
12	Subtotal Rural	86,833,677	56,018,660	17,725,814	13,089,203		
13	Total Island Interconnected	703,760,789	419,521,082	267,993,891	16,245,816		

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
Isolated Systems:									
1	1.2 Domestic Diesel	35,531,185	12,225,414	21,323,744	1,982,027				
2	2.1 General Service 0-10 kW	4,515,787	1,202,109	2,985,134	328,544				
3	2.2 GS 10-100 kW	10,845,894	3,018,652	7,711,419	115,823				
4	2.3 GS 110-1,000 kVa	1,830,407	192,285	1,631,491	6,630				
5	2.4 General Service Over 1,000 kVa	1,373,675	145,946	1,226,624	1,105				
6	Subtotal Metered Demand Classes	14,049,976	3,356,883	10,569,534	123,559				
7	4.1 Street and Area Lighting	472,942	87,340	148,522	237,081				
8	Total Isolated Systems	54,569,890	16,871,746	35,026,934	2,671,210				
Island Isolated									
9	1.2 Domestic Diesel	8,127,627	3,987,492	3,496,117	644,019	-	-	-	-
10	2.1 General Service 0-10 kW	823,425	278,519	463,439	81,467	-	-	-	-
11	2.2 GS 10-100 kW	1,290,296	581,615	696,073	12,608	-	-	-	-
12	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-
13	2.4 General Service Over 1,000 kVa	-	-	-	-	-	-	-	-
14	4.1 Street and Area Lighting	163,053	29,695	27,716	105,642	-	-	-	-
15	Total Island Isolated	10,404,402	4,877,320	4,683,345	843,737				
Labrador Isolated									
16	1.2 Domestic Diesel	27,403,557	8,237,923	17,827,627	1,338,008	-	-	-	-
17	2.1 General Service 0-10 kW	3,692,362	923,590	2,521,695	247,077	-	-	-	-
18	2.2 GS 10-100 kW	9,555,598	2,437,037	7,015,346	103,215	-	-	-	-
19	2.3 GS 110-1,000 kVa	1,830,407	192,285	1,631,491	6,630	-	-	-	-
20	2.4 General Service Over 1,000 kVa	1,373,675	145,946	1,226,624	1,105	-	-	-	-
21	4.1 Street and Area Lighting	309,889	57,645	120,806	131,438	-	-	-	-
22	Total Labrador Isolated	44,165,488	11,994,426	30,343,589	1,827,473				

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
L'Anse au Loup									
1	1.1 Domestic	2,224,304	1,029,886	967,807	226,610	-	-	-	-
2	1.12 Domestic All Electric	4,421,637	1,965,011	2,193,923	262,703	-	-	-	-
3	2.1 General Service 0-10 kW	2,332,950	912,221	1,275,212	145,517	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	690,869	222,020	462,718	6,131	-	-	-	-
6	4.1 Street and Area Lighting	88,737	12,479	12,780	63,478	-	-	-	-
7	Total L'Anse au Loup	9,758,496	4,141,617	4,912,440	704,439				
Labrador Interconnected									
8	Labrador Industrial - Firm	9,172,200	9,127,445	-	44,754	9,172,200	9,127,445	-	44,754
9	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-
10	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-
Rural									
11	1.1 Domestic	206,448	57,902	3,472	145,073	228,841	64,182	3,849	160,809
12	1.1A Domestic All Electric	12,172,687	6,989,193	495,604	4,687,891	13,493,035	7,747,297	549,361	5,196,378
13	Subtotal Domestic	12,379,135	7,047,094	499,076	4,832,965	13,721,876	7,811,479	553,210	5,357,187
14	2.1 General Service 0-10 kW	302,668	72,906	6,891	222,871	335,498	80,814	7,638	247,045
15	2.2 General Service 10-100 kW	1,963,429	1,326,045	116,569	520,815	2,176,398	1,469,879	129,213	577,306
16	2.3 General Service 110-1,000 kVa	2,864,082	2,445,074	242,120	176,888	3,174,743	2,710,286	268,383	196,075
17	2.4 General Service Over 1,000 kVa	2,090,121	1,862,739	221,928	5,454	2,316,833	2,064,787	246,000	6,045
18	4.1 Street and Area Lighting	439,585	21,166	1,493	416,925	487,266	23,462	1,655	462,149
19	Subtotal Rural	20,039,020	12,775,026	1,088,077	6,175,917	22,212,613	14,160,708	1,206,099	6,845,807
20	Total Labrador Interconnected	29,211,220	21,902,471	1,088,077	6,220,671	31,384,813	23,288,153	1,206,099	6,890,561

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1	Island Interconnected					
2	Newfoundland Power	17,331,600	6,014,582	1	12	
3	Industrial - Firm	1,095,600	613,371	6	72	
	Industrial - Non-Firm	-	-	-	-	
	Rural					
4	1.1 Domestic	-	108,816	11,494	137,927	
5	1.12 Domestic All Electric	-	146,706	8,714	104,563	
6	1.3 Special	-	345	1	12	
7	2.1 General Service 0-10 kW	248,253	72,837	3,042	36,498	
8	2.2 General Service 10-100 kW	-	-	-	-	
9	2.3 General Service 110-1,000 kVa	171,006	54,457	84	1,002	
10	2.4 General Service Over 1,000 kVa	127,708	40,282	8	96	
11	4.1 Street and Area Lighting	-	2,077	1,057	12,678	
12	Subtotal Rural	546,967	425,520	24,398	292,776	
13	Total Island Interconnected	18,974,167	7,053,473	24,405	292,860	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1		2	3	4	5	
Isolated Systems:						
1	1.2 Domestic Diesel	-	30,253	2,900	33,323	
2	2.1 General Service 0-10 kW	-	4,217	449	5,394	
3	2.2 GS 10-100 kW	42,671	11,014	129	1,546	
4	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
5	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
6	Subtotal Metered Demand Classes	58,732	15,180	136	1,630	
7	4.1 Street and Area Lighting	-	209	157	1,884	
8	Total Isolated Systems	58,732	49,858	3,642	42,230	
Island Isolated						
9	1.2 Domestic Diesel	-	4,272	560	6,534	
10	2.1 General Service 0-10 kW	-	564	63	752	
11	2.2 GS 10-100 kW	3,304	843	7	84	
12	2.3 GS 110-1,000 kVa	-	-	-	-	
13	2.4 General Service Over 1,000 kVa	-	-	-	-	
14	4.1 Street and Area Lighting	-	34	34	408	
15	Total Island Isolated	3,304	5,712	663	7,778	
Labrador Isolated						
16	1.2 Domestic Diesel	-	25,980	2,340	26,789	
17	2.1 General Service 0-10 kW	-	3,653	387	4,642	
18	2.2 GS 10-100 kW	39,367	10,170	122	1,462	
19	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
20	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
21	4.1 Street and Area Lighting	-	175	123	1,476	
22	Total Labrador Isolated	55,428	44,146	2,979	34,453	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1						
2						
3						
4						
5						
6						
7						
	L'Anse au Loup					
1	1.1 Domestic	-	4,926	414	4,962	
2	1.12 Domestic All Electric	-	11,158	479	5,748	
3	2.1 General Service 0-10 kW	23,004	6,468	196	2,346	
4	2.2 General Service 10-100 kW	-	-	-	-	
5	2.3 General Service 110-1,000 kVa	9,166	2,346	7	79	
6	4.1 Street and Area Lighting	-	65	38	456	
7	Total L'Anse au Loup	32,170	24,963	1,133	13,591	
	Labrador Interconnected					
8	Labrador Industrial - Firm	3,804,000	1,902,365	-	-	
9	Labrador Industrial - Non-Firm	-	-	-	-	
10	CFB - Goose Bay Secondary	-	-	-	-	
	Rural					
11	1.1 Domestic	-	2,273	316	3,786	
12	1.1A Domestic All Electric	-	320,448	10,070	120,840	
13	Subtotal Domestic	-	322,721	10,386	124,626	
14	2.1 General Service 0-10 kW	-	4,418	429	5,142	
15	2.2 General Service 10-100 kW	248,712	74,799	759	9,102	
16	2.3 General Service 110-1,000 kVa	449,945	155,037	197	2,358	
17	2.4 General Service Over 1,000 kVa	238,486	144,227	6	72	
18	4.1 Street and Area Lighting	-	967	398	4,776	
19	Subtotal Rural	937,142	702,170	12,173	146,076	
20	Total Labrador Interconnected	4,741,142	2,604,535	12,173	146,076	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Rate Calculations for Newfoundland Power

Line No.	1	2	3
	Description	Amount	Source
	Newfoundland Power:		
	Demand:		
1	Rate (\$/kW/mo.)	\$5.50	
2	Billing Units (kW)	17,331,600	Sch 1.3.2, pg 1, Ln 1, Col 2
3	Demand Revenue	\$95,323,800	Ln 1 * Ln 2
	Energy (First Block):		
4	Total Revenue Requirement	\$636,815,801	Sch 1.2, pg 1, Ln 1, Col 6
5	Less: Demand Revenue	\$95,323,800	Ln 3
6	Less: Second Block Energy Revenue (winter)	\$138,546,777	Ln 11 * Ln 13
7	Less: Second Block Energy Revenue (non-winter)	\$51,084,861	Ln 14 * Ln 16
8	First Block Energy Revenue	<u>\$351,860,363</u>	Ln 4 - Ln 5 - Ln 6 - Ln 7
9	First Block Energy Consumed (MWh)	3,000,000	
10	Rate (¢/kWh)	11.729	Ln 8 / Ln 9
	Energy (Second Block - Winter):		
11	Energy Consumption (MWh)	1,546,626	
12	Energy Revenue (winter)	\$138,546,777	
13	Rate (¢/kWh)	8.958	
	Energy (Second Block - Non-winter):		
14	Energy Consumption (MWh)	1,467,956	
15	Energy Revenue (non-winter)	\$51,084,861	
16	Rate (¢/kWh)	3.480	

1 2 3

(1) NP gas turbine and diesel generation capacity (kW)
+ System reserve
NP thermal generation capacity credit (kW)

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Firming Up Charge

Line No.	1	2	3	4
	Description	Total	Gas Turbine	Transmission & Terminals
1	Operating & Maintenance	18,091,849	4,264,846	13,827,003
2	O&M Overhead	15,874,399	4,901,340	10,973,058
3	Depreciation	24,638,245	6,720,131	17,918,114
4	Return	40,542,173	7,359,677	33,182,497
5	Total	99,146,666	23,245,994	75,900,672
6	Capacity (kW)		248,500	1,797,100
7	Cost (\$/kW)	\$135.78	\$93.55	\$42.24
8	Transmission coincident peak ⁽¹⁾	1,435,869		
9	Newfoundland Power Sales (MWh)	6,014,582		
10	Rate (\$/kWh)	\$0.03242		

⁽¹⁾ Newfoundland Power Transmission Coincident Peak adjusted for thermal credit in compliance with PU.8(2007).

Schedule 1.7
Page 1 of 1

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Transmission Wheeling Charge

Line No.	Description	1	2
1	Island Interconnected Transmission Revenue Requirement		75,818,020
2	Transmission Energy Output (MWh)		7,089,578
3	Rate (\$/kWh)		\$0.01069

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Revenue Requirement

Functional Classification of Revenue Requirement

Line No.	Description	1	2	3	4	5	6	7	Line Transformers				Secondary Lines				14	15	16	17	18									
									Production		Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Primary Lines		Customer						Demand		Customer		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	
									Demand (\$)	Energy (\$)				Demand (\$)	Demand (\$)	Demand (\$)						Demand (\$)	Customer (\$)	Customer (\$)	Demand (\$)					Demand (\$)
Expenses																														
1	Operating & Maintenance		120,418,337	54,293,912	19,682,217	24,800,061	3,485,290	2,469,383	394,987	699,159	684,343	776,616	228,066	610,124	194,602	3,119,143				532,535										
2	Fuels-No. 6 Fuel		65,010,009	-	65,010,009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
3	Fuels-Diesel		2,016,430	2,016,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
4	Fuels-Gas Turbine		18,829,333	18,829,333	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
5	Fuel Supply Delerral		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
6	Power Purchases -CF(L)Co		60,766,346	-	32,646,808	-	960,000	-	-	-	-	-	-	-	-	-	-	-	-	-										
7	Power Purchases-Other		289,134,556	133,794,098	135,340,458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
8	Power Purchases-MF		(40,178,593)	(19,973,870)	(20,204,723)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
9	Total Exports		46,146,683	22,940,770	23,205,914	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
10	Power Purchases - LTA Costs		465,082,406	231,205,096	233,877,310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
11	Power Purchases - LIL Costs		(502,371,185)	(249,742,361)	(252,628,824)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
12	Rate Mitigation		(18,337,593)	(9,116,116)	(9,221,477)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
13	Tariff Revenue		100,512,135	52,319,167	16,798,496	17,918,114	2,386,332	1,960,361	320,771	567,792	534,749	618,155	141,706	598,613	233,200	375,105				1,040,820										
14	Depreciation																													
Expense Credits																														
15	Sundry		(393,846)	(177,593)	(64,374)	(81,112)	(11,399)	(8,076)	(1,292)	(2,287)	(2,238)	(2,540)	(746)	(1,996)	(636)	(10,202)				(1,742)										
16	Greenhouse Gas Carbon Credits		(1,250,000)	(621,409)	(628,591)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
17	Building Rental Income		(6,000)	(2,281)	(1,234)	(1,540)	(232)	(120)	(20)	(35)	(35)	(39)	(12)	(18)	(10)	-	-	-	-	(119)										
18	Tax Refunds		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
19	Suppliers' Discounts		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
20	Pole Attachments		(1,196,656)	-	-	-	-	-	-	-	-	(236,521)	(145,552)	-	-	-	-	-	-	-										
21	Secondary Energy		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
22	Wheeling Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
23	Application Fees		(10,956)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
24	Meter Test Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
25	Total Expense Credits		(2,857,458)	(801,283)	(694,199)	(82,652)	(11,631)	(8,196)	(1,312)	(2,322)	(124,772)	(148,131)	(757)	(2,014)	(646)	(21,158)				(1,860)										
26	Subtotal Expenses		584,171,405	268,416,984	238,324,717	42,635,523	6,821,991	4,421,548	714,446	1,264,629	1,094,319	1,246,640	369,014	1,206,724	427,156	3,473,090	1,571,495													
27	Disposal Gain / Loss		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
28	Subtotal Revenue Requirement		584,171,405	268,416,984	238,324,717	42,635,523	6,821,991	4,421,548	714,446	1,264,629	1,094,319	1,246,640	369,014	1,206,724	427,156	3,473,090	1,571,495													
29	Ex. Return																													
29	Return on Debt		73,763,124	26,192,126	17,878,946	20,467,073	1,882,730	2,212,551	1,969,200	541,367	339,322	312,075	68,434	256,931	80,977	121,764	974,863													
30	Return on Equity		45,826,260	16,272,185	11,107,518	12,715,424	1,169,670	1,374,575	1,223,390	336,331	210,808	193,880	42,515	159,622	50,308	75,647	605,646													
31	Total Revenue Reqmt		703,760,789	310,881,295	267,311,181	75,818,020	8,974,391	8,008,674	10,876,758	2,970,625	1,814,759	1,537,032	1,752,595	479,963	1,623,277	558,441	3,152,004													

Schedule 2.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 Assessment	21 PUB	
1	Expenses				
2	Operating & Maintenance	14,36,329	977,601		Carryforward from Sch.2.4 L.30
3	Fuels-No. 6 Fuel	-	-		Production - Demand, Energy ratios Sch.4.1 L.10
4	Fuels-Diesel	-	-		Production - Demand, Energy ratios Sch.4.1 L.12
5	Fuels-Gas Turbine	-	-		Production - Demand, Energy ratios Sch.4.1 L.11
6	Fuel Supply Deferral	-	-		
7	Power Purchases -CF(L)Co	-	-		Carryforward from Sch.4.4 L.1 - L.7
8	Power Purchases-Other	-	-		Carryforward from Sch.4.4 L.8
9	Power Purchases-MF	-	-		
10	Total Exports	-	-		
11	Power Purchases - LTA Costs	-	-		Carryforward from Sch.4.4 L.10
12	Power Purchases - LIL Costs	-	-		
13	Rate Mitigation	-	-		Carryforward from Sch.4.4 L.11
14	Tariff Revenue	-	-		Carryforward from Sch.2.5 L.42
15	Depreciation	-	-		
15	Expense Credits				
16	Sundry	(4,698)	(3,197)		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
17	Greenhouse Gas Carbon Credits	-	-		
18	Building Rental Income	-	-		Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.35
19	Tax Refunds	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
20	Suppliers' Discounts	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
21	Pole Attachments	-	-		Prorated on Distribution Poles - Sch.4.1 L.37
22	Secondary Energy	-	-		Production - Energy
23	Wheeling Revenues	-	-		Transmission - Demand
24	Application Fees	-	-		Accounting - Customer
25	Meter Test Revenues	-	-		Meters - Customer
25	Total Expense Credits	(4,698)	(3,197)		
26	Subtotal Expenses	1,431,632	974,404		
27	Disposal Gain / Loss	-	-		Prorated on Total Net Book Value - Sch.2.3 L.42
28	Subtotal Revenue Requirement Ex. Return	1,431,632	974,404		
29	Return on Debt	-	-		Prorated on Rate Base - Sch.2.6 L.10
30	Return on Equity	-	-		Prorated on Rate Base - Sch.2.6 L.12
31	Total Revenue Reqmt	1,431,632	974,404		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service StudyFunctional Classification of Plant in Service for the Allocation of O&M Expense
Island Interconnected

Line No.	Description	1	2	3	4	5	6		7	8		9	10		11	12		13	14	15	16	17	18
							Rural Prod & Transmission			Substations Demand	Primary Demand		Customer	Line Transformers Demand		Customer	Secondary Demand						
Production	Total Amount	Production Demand	Production Energy	Transmission Demand	Transmission Demand	Demand	Demand	Demand	Demand			Demand			Demand			Demand	Demand	Demand	Demand	Demand	Demand
Hydraulic	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	Bay D'Espoir	1,114,924,927	554,259,464	-	560,685,463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Upper Salmon	700,315	348,145	-	352,169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hinds Lake	2,313,263	1,149,986	-	1,163,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Cat Arm	1,149,439	571,417	-	578,022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Paradise River	219,265	109,003	-	110,263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Granite Canal	1,090,425	542,080	-	548,345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Exploits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Star Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Other Hydraulic	282,500	140,438	-	142,062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Subtotal Hydraulic	1,120,680,135	557,120,534	-	563,559,601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Holyrood	437,045,123	388,270,887	-	48,774,236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Gas Turbines	200,469,524	200,469,524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Roddickton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Diesel	12,942,773	12,942,773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Subtotal Production	1,771,137,554	1,158,803,718	-	612,333,837	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																							
16	Lines	678,735,396	16,819,819	510,359,668	93,873,902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40,667,788
17	Terminal Stations	364,335,330	-	-	30,123,467	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,675,929
18	Term Sins - Hydraulic	55,383,108	27,532,447	-	27,850,661	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Term Sins - Holyrood	15,948,999	14,169,091	-	1,779,908	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Term Sins - Gas TurDsl	453,488	453,488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Term Sins - Distribution	19,394,860	-	-	19,394,860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Subtotal Term Sins	455,515,786	42,155,026	311,535,934	29,630,569	30,123,467	19,394,860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,675,929
23	Subtotal Transmission	1,134,251,182	58,974,846	821,895,602	46,644,788	123,997,369	19,394,860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63,343,717
Distribution																							
24	Substations	44,549,497	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Land & Land Improvements	3,384,051	-	-	-	-	-	2,551,406	325,038	-	-	-	295,935	211,672	-	-	-	-	-	-	-	-	-
26	Poles	160,253,236	-	-	-	-	-	92,682,138	31,674,373	-	-	-	16,404,803	19,491,922	-	-	-	-	-	-	-	-	-
27	Primary Conductor & Eqpt	25,812,930	-	-	-	-	-	22,896,069	2,916,861	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Submarine Conductor	9,854,684	-	-	-	-	-	9,854,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Transformers	29,563,425	-	-	-	-	-	-	-	10,672,397	18,891,029	-	-	-	-	-	-	-	-	-	-	-	-
30	Secondary Conductor&Eqpt	3,070,255	-	-	-	-	-	-	-	-	-	-	1,789,959	1,280,296	-	-	-	-	-	-	-	-	
31	Services	6,162,249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,162,249	-	-	-	-	-
32	Meters	9,766,093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Street Lighting	5,258,084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,766,093	-	-
34	Subtotal Distribution	297,674,504	-	-	-	-	-	44,549,497	127,984,297	34,916,272	10,672,397	18,891,029	18,490,697	20,983,890	6,162,249	9,766,093	5,258,084	-	-	-	-	-	-
35	Subtl Prod, Trans, & Dist	3,203,063,241	1,217,778,563	821,895,602	658,978,625	123,997,369	63,944,357	127,984,297	34,916,272	10,672,397	18,891,029	18,490,697	20,983,890	6,162,249	9,766,093	5,258,084	-	-	-	-	-	-	63,343,717
36	General	233,673,560	109,613,189	47,661,908	38,726,936	6,622,265	4,454,820	8,401,746	2,292,138	700,608	1,240,134	1,213,853	1,377,523	404,531	1,239,177	345,176	7,543,899	1,835,657	-	-	-	-	-
37	NLSO	1,935,320	735,793	496,597	398,161	74,920	38,636	77,329	21,097	6,448	11,414	11,172	12,679	3,723	5,901	3,177	-	-	-	-	-	-	38,273
38	Telecontrol - Custmr & Spec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Feasibility Studies	(180,127)	(180,127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Feasibility Studies - General	13,917,263	5,291,230	2,863,253	2,863,253	-	-	556,090	151,711	46,371	82,081	80,342	91,175	26,775	42,434	22,846	-	-	-	-	-	-	-
41	Software - General	3,452,409,258	1,333,238,649	873,625,231	700,966,975	131,233,322	68,715,650	137,019,463	37,381,217	11,425,824	20,224,658	19,796,065	22,465,267	6,597,278	11,053,604	5,629,283	7,543,899	65,492,875	-	-	-	-	-
42	Total Plant																						

Schedule 2.2A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	19
			Basis of Functional Classification
		Production	
		Hydraulic	
1		Bay D'Espoir	Production - Demand, Energy ratios Sch.4.1 L.1
2		Upper Salmon	Production - Demand, Energy ratios Sch.4.1 L.1
3		Hinds Lake	Production - Demand, Energy ratios Sch.4.1 L.1
4		Cat Arm	Production - Demand, Energy ratios Sch.4.1 L.1
5		Paradise River	Production - Demand, Energy ratios Sch.4.1 L.1
6		Granite Canal	Production - Demand, Energy ratios Sch.4.1 L.1
7		Exploits	Production - Demand, Energy ratios Sch.4.1 L.1
8		Star Lake	Production - Demand, Energy ratios Sch.4.1 L.1
9		Other Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.1, 2
		Subtotal Hydraulic	
10		Holyrood	Production - Demand, Energy ratios Sch.4.1 L.3
11		Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.4
12		Rodrickton	Production - Demand, Energy ratios Sch.4.1 L.3
13		Diesel	Production - Demand, Energy ratios Sch.4.1 L.5
14			
15		Subtotal Production	
		Transmission	
16		Lines	Production - Demand, Energy ratios Sch.4.1 L.17 Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
17		Terminal Stations	Production - Demand, Energy subtotals, L. 16; Transmission - Demand; Spec Assigned - Custmr
18		Term Stns - Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.20
19		Term Stns - Holyrood	Production - Demand, Energy ratios Sch.4.1 L.21
20		Term Stns - Gas Tur/Dsl	Production - Demand, Energy ratios Sch.4.1 L.22, 23
21		Term Stns - Distribution	Distribution - Substations Demand
22		Subtotal Term Stns	
23		Subtotal Transmission	
		Distribution	
24		Substations	Production - Demand; Dist Substns - Demand
25		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
26		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
27		Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
28		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
29		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
30		Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
31		Services	Services Customer
32		Meters	Meters - Customer
33		Street Lighting	Street Lighting - Customer
34		Subtotal Distribution	
35		Subtl Prod, Trans, & Dist	
36		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.15, 16
37			
38		Telecontrol - Custmr & Spec	Specifically Assigned - Customer
39		Feasibility Studies	Production, Transmission - Demand
40		Feasibility Studies - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
41		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
42		Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Interconnected

Functional Classification of Net Book Value

Line No.	Description	1	2	3	4	5	6		7	8		9		10		11		12		13	14	15	16	17	18		
							Rural Prod & Transmission			Distribution		Primary Lines		Line Transformers		Secondary Lines		Services								Accounting	
							Demand	Demand		Demand	Demand	Demand	Demand	Demand	Demand	Demand	Demand	Demand	Demand							Demand	Demand
Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic	Production Hydraulic		
1	Bay D'Espoir		817,319,522	406,311,724	411,007,788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Upper Salmon		(308,183)	(153,206)	(154,977)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hinds Lake		2,850,569	1,417,096	1,433,474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Cat Arm		(92,283)	(45,876)	(46,407)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Paradise River		(34,788)	(17,294)	(17,494)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Granite Canal		(32,689)	(16,250)	(16,438)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Exploits		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	Sier Lake		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	Other Small Hydraulic		264,354	131,418	132,937	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Subtotal Hydraulic		819,966,503	407,627,620	412,338,883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	Holyrood		146,045,381	129,746,716	16,298,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Gas Turbines		126,292,246	126,292,246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	Roddickton		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Diesel		5,172,218	5,172,218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Subtotal Production		1,097,476,348	668,833,800	428,637,548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Transmission																											
16	Lines		417,821,974	9,064,399	9,169,164	351,254,883	34,898,171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,435,358		
17	Terminal Stations		251,981,802	-	-	221,893,580	16,264,106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,824,115		
18	Term Shns - Hydraulic		31,674,087	15,746,049	15,928,038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
19	Term Shns - Holyrood		8,652,255	7,686,664	965,592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Term Shns - Gas Tur/Dsl		354,105	354,105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
21	Term Shns - Distribution		11,523,736	-	-	-	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	Subtotal Term Shns		304,485,986	23,786,818	16,893,630	221,893,580	16,264,106	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,824,115		
23	Subtotal Trans & Term Shns		722,007,960	32,851,217	26,062,793	573,148,463	51,162,277	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,259,474		
Distribution																											
24	Substations		51,022,061	-	-	-	51,022,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25	Land & Land Improvements		1,847,171	-	-	-	-	-	1,392,675	177,421	-	-	161,535	115,541	-	-	-	-	-	-	-	-	-	-	-		
26	Poles		64,554,582	-	-	-	-	-	37,335,013	12,759,342	-	-	6,608,323	7,851,903	-	-	-	-	-	-	-	-	-	-	-		
27	Primary Conductor & Eqpt		14,135,421	-	-	-	-	-	12,538,118	1,597,303	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28	Submarine Conductor		1,560,642	-	-	-	-	-	1,560,642	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
29	Transformers		14,450,703	-	-	-	-	-	-	-	5,216,704	9,233,999	-	-	-	-	-	-	-	-	-	-	-	-	-		
30	Secondary Conductor&Eqpt		899,951	-	-	-	-	-	-	-	-	-	524,671	375,280	-	-	-	-	-	1,764,688	-	-	-	-	-		
31	Services		1,764,688	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
32	Meters		6,895,204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,895,204	-	-	-	-	-		
33	Street Lighting		2,172,511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,172,511	-	-	-		
34	Subtotal Distribution		159,302,933	-	-	-	51,022,061	52,826,448	52,826,448	14,534,065	5,216,704	9,233,999	7,294,530	8,342,723	1,764,688	6,895,204	2,172,511	-	-	-	-	-	-	-	-		
35	Subtl Prod, Trans, & Dist		1,978,787,241	701,690,017	454,700,341	573,148,463	51,162,277	62,345,797	52,826,448	14,534,065	5,216,704	9,233,999	7,294,530	8,342,723	1,764,688	6,895,204	2,172,511	-	-	-	-	-	-	-	27,259,474		
36	General		109,769,211	51,490,822	18,191,988	22,389,193	3,110,811	2,092,653	3,946,722	1,076,732	329,111	592,553	570,208	647,092	190,029	582,104	162,146	3,543,749	-	-	-	-	-	-	862,300		
37	NLSO		596,295	211,450	137,021	172,715	15,417	18,848	15,919	4,380	1,572	2,783	2,198	2,514	532	2,078	655	-	-	-	-	-	-	-	8,214		
38	Telecontrol - Custmr & Spec		(180,127)	(180,127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
39	Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40	Feasibility Studies - General		13,768,409	4,882,362	3,163,807	3,967,969	355,987	435,194	367,567	101,128	36,298	64,250	50,755	58,049	12,279	47,977	15,116	-	-	-	-	-	-	-	189,672		
41	Software - General		2,102,740,030	758,094,524	476,193,156	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,583,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	3,543,749	-	-	-	-	-	-	28,319,660		
42	Total Net Book Value																										

NEFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Interconnected

Functional Classification of Operating & Maintenance Expense

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Total Amount	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																			
1	Hydraulic		15,587,945	7,749,191	7,838,754	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Hollyrood / Thermal		20,137,025	17,889,733	2,247,292	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Roddickton		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Gas Turbine		4,183,851	4,183,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Diesel		322,873	322,873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Other		715,584	468,186	247,398	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Subtotal Production		40,947,279	30,613,834	10,333,445	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																			
8	Transmission Lines		2,078,729	54,796	55,430	1,662,675	305,827	-	-	-	-	-	-	-	-	-	-	-	-
9	Terminal Stations		5,948,514	549,183	386,018	4,058,593	392,439	252,670	-	-	-	-	-	-	-	-	-	-	-
10	Other		10,784,474	581,624	460,022	8,105,734	1,222,892	191,277	-	-	-	-	-	-	-	-	-	-	-
11	Subtotal Transmission		18,811,716	1,185,603	901,470	13,827,003	1,921,158	443,947	-	-	-	-	-	-	-	-	-	-	-
Distribution																			
12	Other		5,483,071	-	-	-	-	848,423	2,437,397	664,963	203,250	359,770	352,146	399,628	117,357	-	100,138	-	-
13	Meters		359,493	-	-	-	-	-	-	-	-	-	-	-	-	359,493	-	-	-
14	Subtotal Distribution		5,842,563	-	-	-	-	848,423	2,437,397	664,963	203,250	359,770	352,146	399,628	117,357	359,493	100,138	-	-
15	Subtl Prod, Trans, & Dist		65,601,559	31,799,438	11,234,914	13,827,003	1,921,158	1,292,370	2,437,397	664,963	203,250	359,770	352,146	399,628	117,357	359,493	100,138	-	532,535
16	Customer Accounting		2,188,530	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,188,530	-
Administrative & General:																			
Plant-Related:																			
17	Production		7,256,926	4,747,995	2,508,931	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Prod - Gas Turb & Diesel		2,043,182	2,043,182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Transmission		5,495,558	302,640	239,366	4,217,708	636,315	99,528	-	-	-	-	-	-	-	-	-	-	-
20	Distribution		2,747,806	-	-	-	-	411,232	1,181,411	322,309	98,516	174,381	170,686	193,700	56,883	90,150	48,537	-	-
21	Prod, Trans, Distn		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prod, Trans, Distn and General																			
22	Plant		280,720	110,504	58,099	72,409	10,877	5,695	11,357	3,098	947	1,676	1,641	1,862	547	916	467	625	-
Prod, Trans, Distn, Excl																			
23	Hydraulic & Hollyrood		630,854	108,620	18,601	327,748	49,447	25,499	51,036	13,924	4,266	7,533	7,374	8,368	2,457	3,894	2,097	-	-
24	Property Insurance		2,927,026	1,546,264	803,125	424,143	43,418	80,700	9,998	2,728	834	1,476	1,445	1,639	481	1,468	411	8,896	-
Revenue-Related:																			
25	Municipal Tax		1,436,329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	PUB Assessment		977,601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	All Expense-Related		28,306,854	13,383,508	4,728,466	5,819,405	808,563	543,923	1,025,833	279,865	86,543	151,417	148,209	168,192	49,392	151,301	42,145	921,092	-
Prod, Trans, and Distn Expense-																			
28	Related		525,392	256,761	90,715	111,644	15,512	10,435	19,680	5,369	1,641	2,905	2,843	3,227	948	2,903	809	-	-
29	Subtotal Admin & General		52,628,248	22,499,474	8,447,303	10,973,058	1,564,132	1,177,013	2,299,317	627,292	191,736	339,389	332,197	376,988	110,709	250,632	94,465	930,613	-
Total Operating & Maintenance Expenses			120,418,337	54,298,912	19,682,217	24,800,061	3,485,290	2,469,383	4,736,713	1,292,255	394,987	699,159	684,343	776,616	228,066	610,124	194,602	3,119,143	532,535

Schedule 2.4A
Page 2 of 2

NEFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 PUB Assessment	21	
1	Production				
2	Hydraulic	-	-	-	Prorated on Hydraulic Plant in Service - Sch.2.2 L.10
3	Holymood / Thermal	-	-	-	Prorated on Holymood Plant in Service - Sch.2.2 L.11
4	Roddickton	-	-	-	Prorated on Roddickton Plant in Service - Sch.2.2 L.13
5	Gas Turbine	-	-	-	Prorated on Gas Turbines Plant in Service - Sch.2.2 L.12
6	Diesel	-	-	-	Prorated on Diesel Plant in Service - Sch.2.2 L.14
7	Other	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.15
	Subtotal Production	-	-	-	
8	Transmission				
9	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.16
10	Terminal Stations	-	-	-	Prorated on Terminal Stations Plant in Service - Sch.2.2 L.22
11	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.23
	Subtotal Transmission	-	-	-	
12	Distribution				
13	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 34, less L. 32
14	Meters	-	-	-	Meters - Customer
	Subtotal Distribution	-	-	-	
15	Subtl Prod, Trans, & Dist	-	-	-	
16	Customer Accounting	-	-	-	Accounting - Customer
	Administrative & General:				
	Plant-Related:				
17	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.15
18	Prod - Gas Turb & Diesel	-	-	-	Prorated on Gas Turbine & Diesel Production Plant in Service - Sch.2.2 L.12, 14
19	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.23
20	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.34
21	Prod, Trans, Distn	-	-	-	Prorated on Prod, Trans & Distribution Plant in Service - Sch.2.2 L.35
22	Plant	-	-	-	Prorated on Total Plant in Service, Sch. 2.2 L. 42
23	Prod, Trans, Distn, Excl Hydraulic & Holymood	-	-	-	Prorated on Total Plant in Service, Sch. 2.2 L. 35 Less L. 10 and L. 11
24	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist. Sub & General Plant in Service - Sch.2.2 L.15, 22, 24, 36 - 38
25	Revenue-Related:				
26	Municipal Tax	1,436,329	-	-	Revenue-related
27	PUB Assessment	-	977,601	-	Revenue-related
28	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L. 15, 16
29	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L. 15
	Subtotal Admin & General	-	-	-	
	Subtotal Admin & General	1,436,329	977,601		
	Total Operating & Maintenance Expenses	1,436,329	977,601		

NEFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6	7	8				9		10		11		12	13	14	15	16	17	18				
								Rural Prod & Transmission		Distribution		Primary Lines		Line Transformers		Secondary Lines									Services		Street Lighting	
								Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Demand (\$)	Substations Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)								Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)
Production Hydraulic																												
1	Bay D'Espoir	18,997,665	9,444,255	9,553,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2	Upper Salmon	14,735	7,325	7,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
3	Hinds Lake	30,668	15,246	15,422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
4	Cat Arm	5,515	2,741	2,773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5	Paradise River	172	85	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6	Granite Canal	11,636	5,785	5,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
7	Exploits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
8	Muskkrat Falls Sustaining	720,638	358,249	362,389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9	Other Small Hydraulic	3,222	1,602	1,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10	Subtotal Hydraulic	19,784,250	9,835,288	9,948,962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
11	Holyrood	31,706,547	28,168,096	3,538,451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
12	Gas Turbines	5,751,897	5,751,897	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
13	Rodidickon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
14	Diesel	200,824	200,824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
15	Subtotal Production	57,443,518	43,956,105	13,487,413	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Transmission																												
16	Lines	10,711,225	303,276	306,781	8,146,139	1,411,968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	543,062					
17	Terminal Stations	7,749,078	-	-	6,810,065	568,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	370,329					
18	Term Sins - Hydraulic	930,929	462,790	468,139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
19	Term Sins - Holyrood	396,428	352,187	44,241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
20	Term Sins - Gas Tur/Dsl	9,923	9,923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
21	Term Sins - Distribution	381,353	-	-	-	-	381,353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
22	Subtotal Term Sins	9,467,711	824,900	512,380	6,810,065	568,684	381,353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	370,329					
23	Subtotal Transmission	20,178,936	1,128,176	819,161	14,956,204	1,980,652	381,353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	913,390					
Distribution																												
24	Substations	1,291,292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
25	Land & Land Improvements	43,713	-	-	-	-	-	32,958	4,199	-	-	-	3,823	2,734	-	-	-	-	-	-	-	-	-					
26	Poles	4,179,458	-	-	-	-	-	2,417,181	826,078	-	-	-	427,843	508,356	-	-	-	-	-	-	-	-	-					
27	Primary Conductor & Eqpt	547,959	-	-	-	-	-	486,039	61,919	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
28	Submarine Conductor	178,060	-	-	-	-	-	178,060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
29	Transformers	761,905	-	-	-	-	-	-	-	275,048	486,857	-	-	-	-	-	-	-	-	-	-	-	-					
30	Secondary Conductor&Eqpt	42,305	-	-	-	-	-	-	-	-	-	24,664	17,641	-	-	-	-	-	-	-	-	-	-					
31	Services	116,962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	116,962	-	-	-	-	-	-					
32	Meters	516,551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516,551	-	-	-	-	-	-					
33	Street Lighting	207,811	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	207,811	-	-	-					
34	Subtotal Distribution	7,886,016	-	-	-	-	1,291,292	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-	-	-	-	-					
35	Subtl Prod, Trans, & Dist	85,508,470	45,084,281	14,306,574	14,956,204	1,980,652	1,672,645	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-	-	-	-	913,390					
36	General	11,618,932	5,450,288	1,925,616	2,369,889	329,278	221,507	417,759	113,972	34,836	61,663	60,366	68,494	20,114	61,615	17,163	375,105	-	-	-	-	-	91,274					
37	NLSO	10,963	5,780	1,834	1,917	254	214	399	114	35	62	59	68	15	66	27	-	-	-	-	-	-	117					
38	Telecontrol - Custmr & Spec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
39	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
40	GEC and AFUDC	383,174	202,028	64,110	67,021	8,876	7,495	13,955	3,998	1,233	2,182	2,045	2,369	524	2,315	931	-	-	-	-	-	-	4,093					
41	Software - General	2,990,596	1,576,789	500,362	523,082	69,272	58,500	108,918	31,204	9,620	17,027	15,960	18,492	4,091	18,066	7,268	-	-	-	-	-	-	31,945					
42	Total Depreciation Expense	100,512,135	52,319,167	16,798,496	17,918,114	2,388,332	1,960,361	3,655,270	1,041,484	320,771	567,792	534,749	618,155	141,706	598,613	233,200	375,105	-	-	-	-	-	1,040,820					

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Secondary Lines Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Average Net Book Value		2,102,740,030	758,094,524	476,193,156	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,593,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	3,543,749	28,319,660
2	Cash Working Capital (Including Muskkrat Falls)		116,490,187	41,997,856	26,380,736	33,222,829	3,027,263	3,606,074	3,166,435	870,671	309,332	547,543	438,634	501,384	108,999	417,010	130,212	196,321	1,568,887
3	Fuel Inventory - No. 6 Fuel		53,963,965	-	53,963,965	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuel Inventory - Diesel		180,546	180,546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Fuel Inventory - Gas Turbine		7,763,006	7,763,006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Inventory/Supplies		39,481,123	15,246,674	8,016,131	9,990,619	1,500,760	785,820	1,566,930	427,485	130,664	231,286	226,384	256,909	75,445	126,407	64,375	86,271	748,965
7	Deferred Charges: Muskkrat Falls		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Deferred Charges:		47,775	42,443	5,332	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Foreign Exchange Loss and		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Regulatory Costs		101,068,768	36,438,018	22,888,353	28,824,663	2,626,502	3,128,688	2,747,250	755,408	268,381	475,057	380,566	435,009	94,570	361,805	112,974	170,331	1,361,192
9	Retired Asset Pool		28,866,724	10,407,233	6,537,250	8,232,747	750,168	893,599	784,655	215,756	76,654	135,683	108,695	124,245	27,010	103,337	32,267	48,649	388,776
10	Total Rate Base		2,450,602,123	870,170,300	593,984,922	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481
11	Less: Rural Asset Portion		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Rate Base Available for Equity Return		2,450,602,123	870,170,300	593,984,922	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481
13	Return on Debt		73,763,124	26,192,126	17,878,946	20,467,073	1,882,730	2,212,551	1,969,200	541,367	191,698	339,322	273,066	312,075	68,434	256,931	80,977	121,764	974,863
14	Return on Equity		45,826,260	16,272,185	11,107,518	12,715,424	1,169,670	1,374,575	1,223,390	336,331	119,095	210,808	169,646	193,880	42,515	159,622	50,308	75,647	605,646
15	Return on Rate Base		119,589,384	42,464,311	28,986,464	33,182,497	3,052,400	3,587,126	3,192,590	877,699	310,793	550,130	442,712	505,955	110,949	416,553	131,285	197,412	1,580,509

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	Basis of Functional Classification	19
1	Average Net Book Value	Sch. 2.3 , L. 42	
2	Cash Working Capital (Including Muskrat F. Prorated on Average Net Book Value, L. 1		
3	Fuel Inventory - No. 6 Fuel	Production - Demand, Energy ratios Sch.4.1 L.10	
4	Fuel Inventory - Diesel	Production - Demand, Energy ratios Sch.4.1 L.12	
5	Fuel Inventory - Gas Turbine	Production - Demand, Energy ratios Sch.4.1 L.11	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 42	
7	Deferred Charges: Muskrat Falls Deferred Charges: Foreign Exchange Loss and Regulatory Costs	Production - Demand, Energy ratios Sch.4.1 L.3	
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1	
9	Total Rate Base	Prorated on Average Net Book Value, L. 1	
10			
11	Less: Rural Asset Portion	N/A	
12	Rate Base Available for Equity Return		
13	Return on Debt	L.10 x Sch.1.1 p2,L.16	
14	Return on Equity	L.12 x Sch.1.1 p2,L.19	
15	Return on Rate Base		

Ratios Excluding Return on Equity

Schedule 3.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	19		20	
		Revenue Related		PUB	
		Municipal Tax (Prior Year (Rural Revenues)		Assessment (Prior Year (Revenues + RSP)	
Amounts					
1	Newfoundland Power	-	-	484,507,755	
2	Industrial - Firm	-	-	43,914,366	
3	Industrial - Non-Firm	-	-	-	
Rural					
4	1.1 Domestic	13,704,053		13,704,053	
5	1.12 Domestic All Electric	17,350,913		17,350,913	
6	1.3 Special	19,223		19,223	
7	2.1 GS 0-10 kW	9,465,475		9,465,475	
8	2.2 GS 10-100 kW	-		-	
9	2.3 GS 110-1,000 kVa	6,141,548		6,141,548	
10	2.4 GS Over 1,000 kVa	3,400,344		3,400,344	
11	4.1 Street and Area Lighting	993,685		993,685	
12	Subtotal Rural	51,075,241		51,075,241	
13	Total	51,075,241		579,497,362	
Ratios Excluding Return on Equity					
14	Newfoundland Power	-		0.8361	
15	Industrial - Firm	-		0.0758	
16	Industrial - Non-Firm	-		-	
Rural					
17	1.1 Domestic	0.2683		0.0236	
18	1.12 Domestic All Electric	0.3397		0.0299	
19	1.3 Special	0.0004		0.0000	
20	2.1 GS 0-10 kW	0.1853		0.0163	
21	2.2 GS 10-100 kW	-		-	
22	2.3 GS 110-1,000 kVa	0.1202		0.0106	
23	2.4 GS Over 1,000 kVa	0.0666		0.0059	
24	4.1 Street and Area Lighting	0.0195		0.0017	
25	Subtotal Rural	1.0000		0.0681	
26	Total	1.0000		1.0000	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.		Description	Allocation of Functionalized Amounts to Classes of Service																		18 Specifically Assigned Customer (\$) 1,324,923 246,571												
			Island Interconnected																														
			Allocation of Functionalized Amounts to Classes of Service																														
			Total		Production		Transmission		Rural Prod & Transmission		Substations		Primary Lines		Line Transformers		Secondary Lines		Services			Meters		Street Lighting		Accounting							
Amount		Demand		Energy		Demand		Demand		Demand		Customer		Demand		Customer		Customer		Customer		Customer		Customer									
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
1		2		3		4		5		6		7		8		9		10		11		12		13									

Schedule 3.2A
Page 2 of 4

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		19 Municipal Tax	20 PUB Assessment (\$)
1	Allocated Rev Reqmt Excl Return		
2	Newfoundland Power	-	814,682
3	Industrial - Firm	-	73,840
	Industrial - Non-Firm	-	-
	Rural		
4	1.1 Domestic	384,123	23,043
5	1.12 Domestic All Electric	486,344	29,175
6	1.3 Special	539	32
7	2.1 GS 0-10 kW	265,316	15,916
8	2.2 GS 10-100 kW	-	-
9	2.3 GS 110-1,000 kVa	172,147	10,327
10	2.4 GS Over 1,000 kVa	95,311	5,718
11	4.1 Street and Area Lighting	27,853	1,671
12	Subtotal Rural	1,431,632	85,881
13	Total	1,431,632	974,404
	Allocated Return on Debt		
14	Newfoundland Power	-	-
15	Industrial - Firm	-	-
16	Industrial - Non-Firm	-	-
	Rural		
17	1.1 Domestic	-	-
18	1.12 Domestic All Electric	-	-
19	1.3 Special	-	-
20	2.1 GS 0-10 kW	-	-
21	2.2 GS 10-100 kW	-	-
22	2.3 GS 110-1,000 kVa	-	-
23	2.4 GS Over 1,000 kVa	-	-
24	4.1 Street and Area Lighting	-	-
25	Subtotal Rural	-	-
26	Total	-	-
	Allocated Return on Equity		
27	Newfoundland Power	-	-
28	Industrial - Firm	-	-
29	Industrial - Non-Firm	-	-
	Rural		
30	1.1 Domestic	-	-
31	1.12 Domestic All Electric	-	-
32	1.3 Special	-	-
33	2.1 GS 0-10 kW	-	-
34	2.2 GS 10-100 kW	-	-
35	2.3 GS 110-1,000 kVa	-	-
36	2.4 GS Over 1,000 kVa	-	-
37	4.1 Street and Area Lighting	-	-
38	Subtotal Rural	-	-
39	Total	-	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

1

Line No.	Description	Revenue Related		Basis of Proration
		Municipal Tax (\$)	PUB Assessment (\$)	
Total Revenue Requirement				
40	Newfoundland Power	-	814,682	
41	Industrial - Firm	-	73,840	
42	Industrial - Non-Firm	-	-	
Rural				
43	1.1 Domestic	384,123	23,043	
44	1.12 Domestic All Electric	486,344	29,175	
45	1.3 Special	539	32	
46	2.1 GS 0-10 kW	265,316	15,916	
47	2.2 GS 10-100 kW	-	-	
48	2.3 GS 110-1,000 kVa	172,147	10,327	
49	2.4 GS Over 1,000 kVa	95,311	5,718	
50	4.1 Street and Area Lighting	27,853	1,671	
51	Subtotal Rural	1,431,632	85,881	
52	Total	1,431,632	974,404	
Re-classification of Revenue-Related				
53	Newfoundland Power	-	(814,682)	
54	Industrial - Firm	-	(73,840)	
55	Industrial - Non-Firm	-	-	
Rural				
56	1.1 Domestic	(384,123)	(23,043)	
57	1.12 Domestic All Electric	(486,344)	(29,175)	
58	1.3 Special	(539)	(32)	
59	2.1 GS 0-10 kW	(265,316)	(15,916)	
60	2.2 GS 10-100 kW	-	-	
61	2.3 GS 110-1,000 kVa	(172,147)	(10,327)	
62	2.4 GS Over 1,000 kVa	(95,311)	(5,718)	
63	4.1 Street and Area Lighting	(27,853)	(1,671)	
64	Subtotal Rural	(1,431,632)	(85,881)	
65	Total	(1,431,632)	(974,404)	
Total Allocated Revenue Requirement				
66	Newfoundland Power	-	-	
67	Industrial - Firm	-	-	
68	Industrial - Non-Firm	-	-	
Rural				
69	1.1 Domestic	-	-	
70	1.12 Domestic All Electric	-	-	
71	1.3 Special	-	-	
72	2.1 GS 0-10 kW	-	-	
73	2.2 GS 10-100 kW	-	-	
74	2.3 GS 110-1,000 kVa	-	-	
75	2.4 GS Over 1,000 kVa	-	-	
76	4.1 Street and Area Lighting	-	-	
77	Subtotal Rural	-	-	
78	Total	-	-	

19

20

Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.

NEWFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Interconnected

Allocation of Specifically Assigned Amounts to Classes of Service

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Description		Total Amount (\$)	Transmission Lines (\$)(Plant)	Transmission Terminals (\$)(Plant)	OM&A General (\$)(C3 & C4)	Administrative & General (\$)(C3 & C4)	Other (\$)(C3 & C4)	Transmission Lines (\$)(Direct)	Transmission Terminals (\$)(Direct)	Depreciation (\$)(Direct)	Telecontrol & Feasibility Study (\$)(Direct)	General (\$)(Exp C3,4,6)	Rental Income (\$)(Plant)	Expense Credits Other (\$)(C6)	Gains/Losses (\$)(NBV)	Subtotal Excluding Return (\$)	Return on Debt (\$)(NBV)	Return on Equity (\$)(NBV)	Subtotal Excl Rev Related (\$)	Revenue Related (\$)
Basis of Allocation - Amounts																				
1	Newfoundland Power Industrial		28,117,625	14,054,941	42,172,565	42,172,565	42,172,565	-	-	-	-	391,617	42,172,565	42,172,565	24,396,729	-	24,396,729	24,396,729	-	-
2	Vale		668,081	3,422,177	4,090,259	4,090,259	4,090,259	-	-	-	-	86,509	4,090,259	4,090,259	2,197,177	-	2,197,177	2,197,177	-	-
3	Corner Brook P&P - CB		-	16,570	16,570	16,570	16,570	-	-	-	-	3,679	16,570	16,570	(4,394)	-	(4,394)	(4,394)	-	-
4	Corner Brook P&P - DL		-	56,030	56,030	56,030	56,030	-	-	-	-	-	56,030	56,030	11,326	-	11,326	11,326	-	-
5	North Atlantic Refining Limited		-	1,820,569	1,820,569	1,820,569	1,820,569	-	-	-	-	34,958	1,820,569	1,820,569	658,707	-	658,707	658,707	-	-
6	Teck Resources		4,534,363	947,903	5,482,265	5,482,265	5,482,265	-	-	-	-	8,049	5,482,265	5,482,265	(72)	-	(72)	(72)	-	-
7	Marathon Gold		7,347,720	2,357,740	9,705,459	9,705,459	9,705,459	-	-	-	-	7,723	9,705,459	9,705,459	0	-	0	0	-	-
8	Subtotal Industrial		12,550,164	8,620,989	21,171,152	21,171,152	21,171,152	-	-	-	-	140,918	21,171,152	21,171,152	2,862,745	-	2,862,745	2,862,745	-	-
9	Total		40,667,788	22,675,929	63,343,717	63,343,717	63,343,717	-	-	-	-	532,535	63,343,717	63,343,717	27,259,474	-	27,259,474	27,259,474	-	-
Basis of Allocation - Ratios																				
10	Newfoundland Power Industrial																			
11	Vale		0.6914	0.6198	0.6658	0.6658	0.6658	-	-	-	-	0.7354	0.6658	0.6658	0.8950	-	0.8950	0.8950	-	-
12	Corner Brook P&P - CB		0.0164	0.1509	0.0646	0.0646	0.0646	-	-	-	-	0.1624	0.0646	0.0646	0.0806	-	0.0806	0.0806	-	-
13	Corner Brook P&P - DL		-	0.0007	0.0003	0.0003	0.0003	-	-	-	-	0.0069	0.0003	0.0003	(0.0002)	-	(0.0002)	(0.0002)	-	-
14	North Atlantic Refining Ltd.		-	0.0025	0.0009	0.0009	0.0009	-	-	-	-	-	0.0009	0.0009	0.0004	-	0.0004	0.0004	-	-
15	Teck Resources		-	0.0803	0.0287	0.0287	0.0287	-	-	-	-	0.0656	0.0287	0.0287	0.0242	-	0.0242	0.0242	-	-
16	Marathon Gold		0.1115	0.0418	0.0865	0.0865	0.0865	-	-	-	-	0.0151	0.0865	0.0865	(0.0000)	-	(0.0000)	(0.0000)	-	-
17	Subtotal Industrial		0.1807	0.1040	0.1532	0.1532	0.1532	-	-	-	-	0.0145	0.1532	0.1532	0.0000	-	0.0000	0.0000	-	-
18	Total		0.3086	0.3802	0.3342	0.3342	0.3342	-	-	-	-	0.2646	0.3342	0.3342	0.1050	-	0.1050	0.1050	-	-
19	Amounts Allocated		1.0000	1.0000	1.0000	1.0000	1.0000	-	-	-	-	1.0000	1.0000	1.0000	1.0000	-	1.0000	1.0000	-	-
20	Newfoundland Power Industrial																			
21	Vale	2,743,340	-	227,683	-	163,934	536,015	304,821	-	-	-	93,709	(79)	(1,160)	-	1,324,923	872,485	542,042	2,739,450	3,890
22	Corner Brook P&P - CB	285,046	-	50,296	-	36,214	7,047	43,021	-	-	-	20,701	(8)	(112)	-	157,157	78,576	48,816	284,550	496
23	Corner Brook P&P - DL	4,560	-	2,139	-	1,540	-	247	-	-	-	880	(0)	(0)	-	4,807	(157)	(98)	4,552	8
24	North Atlantic Refining Ltd.	1,262	-	-	-	-	-	605	-	-	-	-	(0)	(2)	-	603	405	252	1,260	2
25	Teck Resources	103,153	-	20,324	-	14,634	-	21,512	-	-	-	8,365	(3)	(10)	-	64,782	23,557	14,635	102,974	180
26	Marathon Gold	9,950	-	4,679	-	3,369	-	123	-	-	-	1,926	(10)	(151)	-	9,937	(3)	(2)	9,933	17
27	Subtotal Industrial	413,273	-	81,929	-	58,990	7,047	65,508	-	-	-	33,720	(40)	(582)	-	246,571	102,379	63,604	412,554	719
28	Total	3,156,613	-	309,611	-	222,924	543,062	370,329	-	-	-	127,430	(119)	(1,742)	-	1,571,495	974,863	605,646	3,152,004	4,810

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Expenses																			
1	Operating & Maintenance		12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	286,694	96,441	1,787,728		30,171
2	Fuels		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Fuels-Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuels-Gas Turbine		159,728	159,728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Power Purchases-CF(L)Co		1,554,061	515,843	1,038,217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Power Purchases-Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Depreciation		6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	388,338	161,496	184,765	44,474	272,690	91,199	164,902		6,704
Expense Credits																			
8	Sundry		(41,444)	(3,291)	(164)	(15,304)	(2,566)	(4,743)	(1,362)	(1,068)	(1,890)	(752)	(838)	(288)	(938)	(315)	(5,847)		(99)
9	Building Rental Income		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Tax Refunds		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Suppliers' Discounts		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pole Attachments		(249,068)	-	-	-	-	(144,048)	(49,229)	-	-	(25,497)	(30,295)	-	-	-	-	-	-
13	Secondary Energy Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Wheeling Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Application Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Meter Test Revenues		(7,848)	-	-	-	-	-	-	-	-	-	-	-	-	-	(7,848)	-	-
17	Total Expense Credits		(298,359)	(3,291)	(164)	(15,304)	(2,566)	(148,790)	(50,591)	(1,068)	(1,890)	(26,248)	(31,132)	(288)	(938)	(315)	(13,695)		(99)
18	Subtotal Expenses		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935		36,776
19	Disposal Gain / Loss		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal Revenue Requirement Ex. Return		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935		36,776
21	Return on Debt		5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249		4,921
22	Return on Equity		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128		3,057
23	Total Revenue Requirement		29,211,220	2,762,341	1,088,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313		44,754

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18			19	20	
		Municipal Tax	Revenue Related	PUB Assessment		Basis of Functional Classification	
	Expenses						
1	Operating & Maintenance						
2	Fuels	571,245		34,268		Carryforward from Sch.2.4 L.24	
3	Fuels-Diesel	-		-		- Production - Demand	
4	Fuels-Gas Turbine	-		-		- Production - Demand	
5	Power Purchases -CF(L)Co	-		-		- Carryforward from Sch.4.4 L.17	
6	Power Purchases-Other	-		-		- Carryforward from Sch.4.4 L.18	
7	Depreciation	-		-		- Carryforward from Sch.2.5 L.24	
	Expense Credits						
8	Sundry	(1,868)		(112)		(112) Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
9	Building Rental Income	-		-		- Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.18	
10	Tax Refunds	-		-		- Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
11	Suppliers' Discounts	-		-		- Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Pole Attachments	-		-		- Prorated on Distribution Poles - Sch.4.1 L.37	
13	Secondary Energy Revenues	-		-		- Production - Energy	
14	Wheeling Revenues	-		-		- Transmission - Demand, Energy ratios Sch.4.1 L.16	
15	Application Fees	-		-		- Accounting - Customer	
16	Meter Test Revenues	-		-		- Meters - Customer	
17	Total Expense Credits	(1,868)		(112)			
18	Subtotal Expenses	569,376		34,156			
19	Disposal Gain / Loss	-		-		Prorated on Total Net Book Value - Sch.2.3 L.24	
20	Subtotal Revenue Requirement Ex. Return	569,376		34,156			
21	Return on Debt	-		-		Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-		Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	569,376		34,156			

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONT'D.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.9
2	Diesel	Production - Demand, Energy ratios Sch.4.1 L.9
3	Subtotal Production	
	Transmission	
4	Lines	Production, Transmission - Demand, Distribution - Primary Demand; Spec Assigned - Custrmr
5	Terminal Stations	Production, Transmission - Demand; Spec Assigned - Custrmr
6	Subtotal Transmission	
	Distribution	
7	Substations	Production - Demand; Dist Substns - Demand
8	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
9	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
10	Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
11	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
12	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
13	Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch. 4.1 L.41
14	Services	Services Customer
15	Meters	Meters - Customer
16	Street Lighting	Street Lighting - Customer
17	Subtotal Distribution	
18	Subttl Prod, Trans, & Dist	
19	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
20	Telecontrol - Specific	Specifically Assigned - Customer
21	Feasibility Studies	Production, Transmission - Demand
22	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.18
23	Software - Cust Acctg	
24	Total Plant	

Schedule 2.3E
Page 1 of 1

NEWFOUNDLAND AND LABRADOR HYDRO																			
2027 Test Year Cost of Service Study																			
Labrador Interconnected																			
Functional Classification of Operating & Maintenance Expense																			
Line No.	Description	1	2	3	4	5	6	Primary Lines				Secondary Lines				15	16	17	
								Production		Transmission		Substations		Line Transformers					Distribution
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																			
1	Gas Turbine /Diesel		443,265	443,265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Other		16,244	16,244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production		459,509	459,509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																			
4	Transmission Lines		2,626,439	-	-	2,626,439	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations		210,591	-	-	143,351	40,429	-	-	-	-	-	-	-	-	-	-	-	26,812
6	Other		100,147	-	-	76,509	20,279	-	-	-	-	-	-	-	-	-	-	-	3,359
7	Subtotal Transmission		2,937,178	-	-	2,846,299	60,708	-	-	-	-	-	-	-	-	-	-	-	30,171
Distribution																			
8	Other		2,155,257	-	-	-	295,669	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	52,115	-	-	-
9	Meters		167,282	-	-	-	-	-	-	-	-	-	-	-	167,282	-	-	-	-
10	Subtotal Distribution		2,322,539	-	-	-	295,669	783,575	225,017	176,439	312,311	124,170	138,428	47,533	167,282	52,115	-	-	-
11	Subtl Prod, Trans, & Dist		5,719,226	459,509	-	2,846,299	356,377	783,575	225,017	176,439	312,311	124,170	138,428	47,533	167,282	52,115	-	-	30,171
12	Customer Accounting		1,221,301	-	-	-	-	-	-	-	-	-	-	-	-	-	1,221,301	-	-
Administrative & General:																			
Plant-Related:																			
13	Production		180,309	180,309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission		255,382	-	-	201,874	53,507	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution		611,761	-	-	-	79,959	211,905	60,852	47,715	84,459	33,580	37,436	12,855	-	28,908	14,094	-	-
16	Prod. Trans. Distn Plant		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Prod. Trans. Distn & General Plt		634,360	86,071	-	219,107	86,430	92,036	26,430	20,724	36,683	14,585	16,259	5,583	13,110	6,121	11,220	-	-
18	Property Insurance		214,760	45,082	-	108,716	45,268	3,786	1,087	852	1,509	600	669	230	808	252	5,901	-	-
Revenue-Related:																			
19	Municipal Tax		571,245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	PUB Assessment		34,268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	All Expense-Related		3,108,085	206,674	-	1,280,186	160,288	352,430	101,206	79,357	140,469	55,848	62,261	21,379	75,239	23,440	549,307	-	-
22	Prod. Trans & Distn Expense-Related		45,804	3,700	-	22,916	2,869	6,309	1,812	1,421	2,515	1,000	1,115	383	1,347	420	-	-	-
23	Subtotal Admin & General		5,655,974	521,835	-	1,832,800	428,322	666,466	191,387	150,069	265,635	105,612	117,739	40,429	119,412	44,326	566,428	-	-
Total Operating & Maintenance Expenses																			
24			12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	286,694	96,441	1,787,728	30,171	-

Schedule 24E
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	18			Basis of Functional Classification	20
		Municipal Tax	Revenue Related	PUB Assessment		
	Production					
1	Gas Turbine / Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9	
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9	
3	Subtotal Production					
	Transmission					
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.4	
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.5	
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.6	
7	Subtotal Transmission					
	Distribution					
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 17, less L. 15	
9	Meters	-	-	-	Meters - Customer	
10	Subtotal Distribution					
11	Subttl Prod, Trans, & Dist					
12	Customer Accounting Conservation and Demand Management Administrative & General:	-	-	-	Accounting - Customer	
	Plant-Related:					
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.3	
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L. 6	
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.17	
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission, Distribution Plant in Service - Sch.2.2 L. 18	
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.24	
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.3, 5, 7, 19 - 20	
19	Revenue-Related:					
20	Municipal Tax	571,245	-	-	Revenue-related	
21	PUB Assessment	-	-	34,268	Revenue-related	
22	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12	
23	Prod,Trans & Distn Expense-Related Subtotal Admin & General				Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	
		571,245		34,268		
24	Total Operating & Maintenance Expenses	571,245		34,268		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																		
1	Gas Turbines	323,490	323,490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Diesel	17,541	17,541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	341,031	341,031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																		
4	Lines	86,938	-	-	86,938	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	2,242,671	-	-	1,800,904	439,240	-	-	-	-	-	-	-	-	-	-	-	-
6	Subtotal Transmission	2,329,609	-	-	1,887,841	439,240	-	-	-	-	-	-	-	-	-	-	-	2,528
Distribution																		
7	Substations	263,747	-	-	-	263,747	-	-	-	-	-	-	-	-	-	-	-	-
8	Land & Land Improvements	12,923	-	-	-	-	9,743	1,241	-	-	-	1,130	808	-	-	-	-	-
9	Poles	1,241,804	-	-	-	-	718,195	245,445	-	-	-	127,121	151,043	-	-	-	-	-
10	Primary Conductor & Equip	149,360	-	-	-	-	132,482	16,878	-	-	-	-	-	-	-	-	-	-
11	Submarine Conductor	20,152	-	-	-	-	20,152	-	-	-	-	-	-	-	-	-	-	-
12	Transformers	520,645	-	-	-	-	-	-	187,953	332,692	-	-	-	-	-	-	-	-
13	Secondary Conductor & Equip	18,601	-	-	-	-	-	-	-	-	-	10,844	7,757	-	-	-	-	-
14	Services	36,575	-	-	-	-	-	-	-	-	-	-	-	36,575	-	-	-	-
15	Meters	240,366	-	-	-	-	-	-	-	-	-	-	-	-	240,366	-	-	-
16	Street Lighting	80,886	-	-	-	-	-	-	-	-	-	-	-	-	-	80,886	-	-
17	Subtotal Distribution	2,585,058	-	-	-	263,747	880,572	263,564	187,953	332,692	332,692	139,095	159,608	36,575	240,366	80,886	-	-
18	Subtotal Prod. Trans. & Dist	5,255,698	341,031	-	1,887,841	702,988	880,572	263,564	187,953	332,692	332,692	139,095	159,608	36,575	240,366	80,886	-	2,528
19	General	937,122	62,044	-	384,312	48,119	105,800	30,382	23,823	42,169	16,766	18,691	6,418	22,587	7,037	164,902	4,074	-
20	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	GEC and AFUDC	29,095	1,888	-	10,451	3,892	4,875	1,459	1,040	1,842	770	884	202	1,331	448	-	14	-
22	Software - General	183,814	11,927	-	66,026	24,586	30,797	9,218	6,574	11,636	4,865	5,582	1,279	8,407	2,829	-	88	-
23	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Total Depreciation Expense	6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	388,338	388,338	161,496	184,765	44,474	272,690	91,199	164,902	6,704

Schedule 2.6E
Page 1 of 2

Schedule 2.6E
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	1	18
	Description	Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3, L. 24
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	
4	Fuel Inventory - Diesel	Production - Demand
5	Fuel Inventory - Gas Turbine	Production - Demand
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 24
	Deferred Charges:	
	Foreign Exchange Loss and Regulatory	
7	Costs	
8	Retire Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	Prorated on Average Net Book Value, L. 1
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Schedule 3.1E
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	1	18		19	
		Municipal Tax (Prior Year)	PUB Assessment (Prior Year)	Revenue Related	
		(Rural Revenues)	(Revenues + RSP)		
Amounts					
1	CFB - Goose Bay Secondary	-	-		
2	Labrador Industrial Firm	-	-		
3	Labrador Industrial Non-Firm	-	-		
Rural					
4	1.1Domestic	94,365	94,365		
5	1.1A Domestic All Electric	10,520,637	10,520,637		
6	2.1GS 0-10 kW	345,486	345,486		
7	2.2GS 10-100 kW	2,208,779	2,208,779		
8	2.3GS 110-1,000 kVa	3,539,649	3,539,649		
9	2.4GS Over 1,000 kVa	3,243,034	3,243,034		
10	4.1Street and Area Lighting	361,265	361,265		
11	Subtotal Rural	20,313,216	20,313,216		
12	Total Labrador Interconnected	20,313,216	20,313,216		
Ratios					
13	CFB - Goose Bay Secondary	-	-		
14	Labrador Industrial Firm	-	-		
15	Labrador Industrial Non-Firm	-	-		
Rural					
16	1.1Domestic	0.0046	0.0046		
17	1.1A Domestic All Electric	0.5179	0.5179		
18	2.1GS 0-10 kW	0.0170	0.0170		
19	2.2GS 10-100 kW	0.1087	0.1087		
20	2.3GS 110-1,000 kVa	0.1743	0.1743		
21	2.4GS Over 1,000 kVa	0.1597	0.1597		
22	4.1Street and Area Lighting	0.0178	0.0178		
23	Subtotal Rural	1.0000	1.0000		
24	Total Labrador Interconnected	1.0000	1.0000		
Ratios Excluding Labrador Industrial					
25	CFB - Goose Bay Secondary	-	-		
Rural					
26	1.1Domestic	0.0046	0.0046		
27	1.1A Domestic All Electric	0.5179	0.5179		
28	2.1GS 0-10 kW	0.0170	0.0170		
29	2.2GS 10-100 kW	0.1087	0.1087		
30	2.3GS 110-1,000 kVa	0.1743	0.1743		
31	2.4GS Over 1,000 kVa	0.1597	0.1597		
32	4.1Street and Area Lighting	0.0178	0.0178		
33	Subtotal Rural	1.0000	1.0000		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service																
		Labrador Interconnected																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Allocated Rev Reqmt Excl Return																	
2	CFB - Goose Bay Secondary																	
3	Labrador Industrial Firm		5,745,324	1,042,820	36,097	4,629,631	-	-	-	-	-	-	-	-	-	-	-	36,776
4	Labrador Industrial Non-Firm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural:																		
4	1:1Domestic		160,727	4,783	3,425	10,828	7,097	10,558	17,376	2,869	24,995	1,922	10,621	2,525	10,670	-	50,253	-
5	1:1A Domestic All Electric		9,049,493	570,294	482,877	1,291,031	846,159	1,258,792	554,611	342,074	797,785	229,186	339,002	80,587	340,549	-	1,603,964	-
6	2:1GS 0-10 kW		237,724	5,899	6,657	13,353	8,752	13,020	23,600	3,538	33,947	2,370	14,425	6,438	27,207	-	68,252	-
7	2:2GS 10-100 kW		1,431,773	107,473	112,673	243,298	159,461	237,222	41,775	63,768	60,091	42,724	25,535	28,955	122,359	-	120,815	-
8	2:3GS 110-1,000 kVA		2,040,373	198,390	233,230	449,115	294,356	437,900	10,823	113,001	15,569	75,709	6,616	13,241	55,954	-	31,301	-
9	2:4GS Over 1,000 kVA		1,483,657	163,997	211,697	371,255	243,326	361,985	330	18,543	475	12,424	102	404	1,708	-	986	-
10	4:1Street and Area Lighting		343,518	1,729	1,457	3,915	2,666	3,817	21,920	1,037	31,531	695	13,399	-	187,324	-	63,394	-
11	Subtotal Rural		14,747,265	1,052,566	1,052,016	2,382,795	1,561,716	2,323,294	670,436	544,830	964,394	365,030	403,800	132,150	558,447	187,324	1,938,935	-
12	Total		20,492,569	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	403,800	132,150	558,447	187,324	1,938,935	36,776
Allocated Return on Debt																		
13	CFB - Goose Bay Secondary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Labrador Industrial Firm		2,113,708	271,595	-	1,837,193	-	-	-	-	-	-	-	-	-	-	-	4,921
15	Labrador Industrial Non-Firm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	MFP Construction		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural:																		
17	1:1Domestic		28,200	635	-	4,297	3,416	2,341	3,810	660	5,748	406	2,257	439	2,268	-	1,924	-
18	1:1A Domestic All Electric		1,926,396	75,738	-	512,324	407,298	279,094	121,613	78,661	183,454	48,373	72,022	13,997	72,400	-	61,422	-
19	2:1GS 0-10 kW		40,058	783	-	5,299	4,213	2,887	5,175	814	7,806	500	3,065	1,118	5,784	-	2,614	-
20	2:2GS 10-100 kW		327,927	14,273	-	96,549	76,756	52,596	9,160	14,664	13,818	9,017	5,425	5,029	26,013	-	4,626	-
21	2:3GS 110-1,000 kVA		508,066	26,347	-	178,224	141,688	237,3	25,985	3,580	15,980	1,406	2,300	11,896	-	-	1,199	-
22	2:4GS Over 1,000 kVA		374,069	21,779	-	147,326	117,125	80,258	72	4,264	109	2,622	43	70	363	-	37	-
23	4:1Street and Area Lighting		59,255	230	-	1,554	1,235	846	4,807	239	7,251	147	2,847	-	37,673	-	2,428	-
24	Subtotal Rural		3,263,972	199,785	-	943,573	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	-
25	Total		5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	4,921
Allocated Return on Equity																		
26	CFB - Goose Bay Secondary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Labrador Industrial Firm		1,313,168	168,732	-	1,141,379	-	-	-	-	-	-	-	-	-	-	-	3,057
28	Labrador Industrial Non-Firm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	MFP Construction		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural:																		
30	1:1Domestic		17,520	395	-	2,670	2,122	1,454	2,367	410	3,571	252	1,402	272	1,409	-	1,196	-
31	1:1A Domestic All Electric		1,196,798	47,053	-	318,288	253,039	173,391	75,554	48,869	113,973	30,052	44,745	8,696	44,979	-	38,159	-
32	2:1GS 0-10 kW		24,886	487	-	3,292	2,617	1,793	3,215	505	4,850	311	1,904	695	3,593	-	1,624	-
33	2:2GS 10-100 kW		203,729	8,867	-	59,982	47,686	32,676	5,691	9,110	8,585	5,602	3,370	3,124	16,161	-	2,874	-
34	2:3GS 110-1,000 kVA		315,642	16,368	-	110,724	88,025	60,318	1,474	16,144	2,224	9,928	873	1,429	7,390	-	745	-
35	2:4GS Over 1,000 kVA		232,395	13,531	-	91,528	72,765	49,861	45	2,649	68	1,629	27	44	226	-	23	-
36	4:1Street and Area Lighting		36,813	143	-	965	767	526	2,986	148	4,505	91	1,768	-	23,405	-	1,508	-
37	Subtotal Rural		2,027,763	86,843	-	587,449	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128	-
38	Total		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128	3,057

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related		
		18	19	19
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration
1	Allocated Rev Reqmt Excl Return	-	-	-
2	CFB - Goose Bay Secondary	-	-	-
3	Labrador Industrial Firm	-	-	-
	Labrador Industrial Non-Firm	-	-	-
	Rural:			
4	1.1Domestic	2,645	159	
5	1.1A Domestic All Electric	294,892	17,690	
6	2.1GS 0-10 kW	9,684	581	
7	2.2GS 10-100 kW	61,912	3,714	
8	2.3GS 110-1,000 kVa	99,216	5,952	
9	2.4GS Over 1,000 kVa	90,902	5,453	
10	4.1 Street and Area Lighting	10,126	607	
11	Subtotal Rural	569,376	34,156	
12	Total	569,376	34,156	
	Allocated Return on Debt			
13	CFB - Goose Bay Secondary	-	-	-
14	Labrador Industrial Firm	-	-	-
15	Labrador Industrial Non-Firm	-	-	-
16	MFP Construction	-	-	-
	Rural:			
17	1.1Domestic	-	-	-
18	1.1A Domestic All Electric	-	-	-
19	2.1GS 0-10 kW	-	-	-
20	2.2GS 10-100 kW	-	-	-
21	2.3GS 110-1,000 kVa	-	-	-
22	2.4GS Over 1,000 kVa	-	-	-
23	4.1 Street and Area Lighting	-	-	-
24	Subtotal Rural	-	-	-
25	Total	-	-	-
	Allocated Return on Equity			
26	CFB - Goose Bay Secondary	-	-	-
27	Labrador Industrial Firm	-	-	-
28	Labrador Industrial Non-Firm	-	-	-
29	MFP Construction	-	-	-
	Rural:			
30	1.1Domestic	-	-	-
31	1.1A Domestic All Electric	-	-	-
32	2.1GS 0-10 kW	-	-	-
33	2.2GS 10-100 kW	-	-	-
34	2.3GS 110-1,000 kVa	-	-	-
35	2.4GS Over 1,000 kVa	-	-	-
36	4.1 Street and Area Lighting	-	-	-
37	Subtotal Rural	-	-	-
38	Total	-	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Labrador Interconnected

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	1	2	3	4	5	6	Primary Lines				Line Transformers				Secondary Lines				13	14	15	16	17
								Substations		Transmission		Demand		Customer		Demand		Customer						
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Assigned Customer (\$)
39	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural:																								
43	1:1Domestic	206,448	5,813	3,425	17,795	12,636	14,353	23,554	3,939	34,314	2,580	14,280	3,236	14,347	-	53,373	-	-	-	-	-	-	-	
44	1:1A Domestic All Electric	12,172,687	693,085	482,877	2,121,643	1,506,496	1,711,278	751,777	469,605	1,095,213	307,611	455,769	103,279	457,928	-	1,703,545	-	-	-	-	-	-	-	
45	2:1GS 0-10 kW	302,668	7,169	6,657	21,944	15,582	17,700	31,990	4,857	46,604	3,182	19,394	8,251	36,584	-	72,489	-	-	-	-	-	-	-	
46	2:2GS 10-100 kW	1,963,429	130,613	112,673	399,828	283,903	322,494	56,626	87,541	82,494	57,343	34,330	37,108	164,533	-	128,316	-	-	-	-	-	-	-	
47	2:3GS 110-1,000 kVA	2,864,082	241,106	233,230	738,063	524,070	595,308	14,671	155,130	21,373	101,617	8,894	16,969	75,240	-	33,245	-	-	-	-	-	-	-	
48	2:4GS Over 1,000 kVA	2,090,121	199,307	211,697	610,110	433,215	492,103	448	25,456	653	16,675	272	518	2,297	-	1,015	-	-	-	-	-	-	-	
49	4:1Street and Area Lighting	439,585	2,102	1,457	6,434	4,568	5,189	29,713	1,424	43,286	933	18,014	-	248,403	-	67,330	-	-	-	-	-	-	-	
50	Subtotal Rural	20,039,020	1,279,194	1,052,016	3,915,817	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313	-	-	-	-	-	-	-	
51	Total	29,211,220	2,762,341	1,088,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313	-	-	-	-	-	-	-	
Re-classification of Revenue-Related																								
52	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
53	Labrador Industrial Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
54	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural:																								
56	1:1Domestic	-	80	47	245	174	198	324	54	472	36	197	45	198	-	735	-	-	-	-	-	-	-	
57	1:1A Domestic All Electric	0	18,267	12,727	55,917	39,705	45,102	19,814	12,377	28,865	8,107	12,012	2,722	12,069	-	44,898	-	-	-	-	-	-	-	
58	2:1GS 0-10 kW	-	252	234	770	547	621	1,123	171	1,636	112	681	290	1,284	-	2,545	-	-	-	-	-	-	-	
59	2:2GS 10-100 kW	-	4,517	3,896	13,826	9,817	11,152	1,958	3,027	2,853	1,983	1,187	1,283	5,690	-	4,437	-	-	-	-	-	-	-	
60	2:3GS 110-1,000 kVA	(0)	9,191	8,891	28,134	19,977	22,693	559	5,913	815	3,874	339	647	2,868	-	1,267	-	-	-	-	-	-	-	
61	2:4GS Over 1,000 kVA	(0)	9,632	10,231	29,485	20,936	23,782	22	1,230	32	806	13	25	111	-	49	-	-	-	-	-	-	-	
62	4:1Street and Area Lighting	0	53	36	161	114	130	744	36	1,083	23	451	-	6,217	-	1,685	-	-	-	-	-	-	-	
63	Subtotal Rural	0	41,991	36,062	128,540	91,271	103,678	24,544	22,808	35,756	14,940	14,880	5,011	22,219	6,217	55,616	-	-	-	-	-	-	-	
64	Total	0	41,991	36,062	128,540	91,271	103,678	24,544	22,808	35,756	14,940	14,880	5,011	22,219	6,217	55,616	-	-	-	-	-	-	-	
Total Allocated Revenue Requirement																								
65	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
66	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
67	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
68	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural:																								
69	1:1Domestic	206,448	5,893	3,472	18,040	12,809	14,551	23,878	3,993	34,786	2,616	14,476	3,280	14,545	-	54,108	-	-	-	-	-	-	-	
70	1:1A Domestic All Electric	12,172,687	711,352	495,604	2,177,560	1,546,201	1,756,380	771,591	481,981	1,124,078	315,718	467,781	106,001	469,997	-	1,748,443	-	-	-	-	-	-	-	
71	2:1GS 0-10 kW	302,668	7,420	6,891	22,715	16,129	18,321	33,113	5,028	48,240	3,293	20,075	8,541	37,868	-	75,034	-	-	-	-	-	-	-	
72	2:2GS 10-100 kW	1,963,429	135,130	116,569	413,654	293,720	333,646	58,584	90,568	85,347	59,326	35,517	38,391	170,222	-	132,753	-	-	-	-	-	-	-	
73	2:3GS 110-1,000 kVA	2,864,082	250,296	242,120	766,197	544,047	618,000	15,230	161,043	22,188	105,490	9,233	17,616	78,108	-	34,512	-	-	-	-	-	-	-	
74	2:4GS Over 1,000 kVA	2,090,121	208,939	221,928	639,595	454,152	515,886	470	26,686	684	17,481	285	543	2,408	-	1,064	-	-	-	-	-	-	-	
75	4:1Street and Area Lighting	439,585	2,154	1,493	6,595	4,683	5,319	30,456	1,460	44,370	956	18,464	-	254,620	-	69,015	-	-	-	-	-	-	-	
76	Subtotal Rural	20,039,020	1,321,185	1,088,077	4,044,357	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930	-	-	-	-	-	-	-	
77	Total	29,211,220	2,804,331	1,124,174	11,652,559	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930	-	-	-	-	-	-	-	

Schedule 3.2E
Page 4 of 4

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

	1	18	19
		Revenue Related	
Line No.	Description	Municipal Tax (\$)	PUB Assessment (\$)
			Basis of Proration
39	Total Revenue Requirement	-	-
40	CFB - Goose Bay Secondary	-	-
41	Labrador Industrial Firm	-	-
42	Labrador Industrial Non-Firm	-	-
	MFP Construction	-	-
	Rural:		
43	1:1Domestic	2,645	159
44	1:1A Domestic All Electric	294,892	17,690
45	2:1GS 0-10 kW	9,684	581
46	2:2GS 10-100 kW	61,912	3,714
47	2:3GS 110-1,000 kVa	99,216	5,952
48	2:4GS Over 1,000 kVa	90,902	5,453
49	4:1Street and Area Lighting	10,126	607
50	Subtotal Rural	569,376	34,156
51	Total	569,376	34,156
	Re-classification of Revenue-Related		
52	CFB - Goose Bay Secondary	-	-
53	Labrador Industrial Firm	-	-
54	Labrador Industrial Non-Firm	-	-
55	MFP Construction	-	-
	Rural:		
56	1:1Domestic	(2,645)	(159)
57	1:1A Domestic All Electric	(294,892)	(17,690)
58	2:1GS 0-10 kW	(9,684)	(581)
59	2:2GS 10-100 kW	(61,912)	(3,714)
60	2:3GS 110-1,000 kVa	(99,216)	(5,952)
61	2:4GS Over 1,000 kVa	(90,902)	(5,453)
62	4:1Street and Area Lighting	(10,126)	(607)
63	Subtotal Rural	(569,376)	(34,156)
64	Total	(569,376)	(34,156)
	Total Allocated Revenue Requirement		
65	CFB - Goose Bay Secondary	-	-
66	Labrador Industrial Firm	-	-
67	Labrador Industrial Non-Firm	-	-
68	MFP Construction	-	-
	Rural:		
69	1:1Domestic	-	-
70	1:1A Domestic All Electric	-	-
71	2:1GS 0-10 kW	-	-
72	2:2GS 10-100 kW	-	-
73	2:3GS 110-1,000 kVa	-	-
74	2:4GS Over 1,000 kVa	-	-
75	4:1Street and Area Lighting	-	-
76	Subtotal Rural	-	-
77	Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Revenue Requirement																
		Island Isolated																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
Expenses																		
1	Operating & Maintenance	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Fuels-Diesel	2,124,200	-	2,124,200	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Power Purchases -CFLCo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Power Purchases-Other	177,100	-	177,100	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Depreciation	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-	
Expense Credits																		
8	Sundry	(18,852)	(8,800)	(5,347)	-	(323)	(1,544)	(495)	(196)	(346)	(319)	(345)	(167)	(123)	(145)	(561)	-	
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Pole Attachments	(20,860)	-	-	-	-	(12,065)	(4,123)	-	-	(2,135)	(2,537)	-	-	-	-	-	
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Application Fees	(216)	-	-	-	-	-	-	-	-	-	-	-	-	-	(216)	-	
16	Meter Test Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Total Expense Credits	(39,928)	(8,800)	(5,347)	-	(323)	(13,609)	(4,618)	(196)	(346)	(2,454)	(2,882)	(167)	(123)	(145)	(777)	-	
18	Subtotal Expenses	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Subtotal Revenue Requirement Ex. Return	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	
21	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
22	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
23	Total Revenue Requirement	10,404,667	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,832	121,602	132,328	63,723	57,134	71,837	183,156	-	

Schedule 2.18
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Revenue Requirement (CONTD.)

Line No.	1	Description	Revenue Related		Basis of Functional Classification	20
			18 Municipal Tax	19 PUB Assessment		
		Expenses				
1		Operating & Maintenance		2,436	Carryforward from Sch.2.4 L.25	
2		Fuels	40,605	-	Production - Energy	
3		Fuels-Diesel	-	-	Production - Energy	
4		Fuels-Gas Turbine	-	-	Production - Energy	
5		Power Purchases -CF(L)Co	-	-	-	
6		Power Purchases-Other	-	-	-	
7		Depreciation	-	-	Carryforward from Sch.2.5 L.23	
		Expense Credits				
8		Sundry	(133)	(8)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
9		Building Rental Income	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
10		Tax Refunds	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
11		Suppliers' Discounts	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
12		Pole Attachments	-	-	Prorated on Distribution Poles - Sch.4.1 L.37	
13		Secondary Energy Revenues	-	-	Production - Energy	
14		Wheeling Revenues	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
15		Application Fees	-	-	Accounting - Customer	
16		Meter Test Revenues	-	-	Meters - Customer	
17		Total Expense Credits	(133)	(8)		
18		Subtotal Expenses	40,472	2,428		
19		Disposal Gain / Loss	-	-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20		Subtotal Revenue Requirement Ex. Return	40,472	2,428		
21		Return on Debt	-	-	Prorated on Rate Base - Sch.2.6 L.9	
22		Return on Equity	-	-	Prorated on Rate Base - Sch.2.6 L.11	
23		Total Revenue Requirement	40,472	2,428		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines Customer (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Secondary Lines Demand (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		651,069	121,854	-	-	529,215	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		32,475	-	-	-	-	24,484	3,119	-	-	2,840	2,031	-	-	-	-	-
8 Poles		3,975,794	-	-	-	-	2,299,392	785,624	-	-	406,994	483,584	-	-	-	-	-
9 Primary Conductor & Equipment		253,596	-	-	-	-	224,940	28,656	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		894,252	-	-	-	-	-	322,825	571,427	-	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		199,639	-	-	-	-	-	-	-	-	116,390	83,250	-	-	-	-	-
13 Services		276,111	-	-	-	-	-	-	-	-	-	276,111	-	-	-	-	-
14 Meters		196,359	-	-	-	-	-	-	-	-	-	-	-	-	196,359	-	-
15 Street Lighting		239,198	-	-	-	-	-	-	-	-	-	-	-	-	239,198	-	-
16 Subtotal Distribution		6,718,493	121,854	-	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
Subtotal Prod, Trans. & Dist		15,208,700	5,386,194	3,225,867	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
18 General		3,753,373	2,029,573	1,240,180	-	24,777	119,332	38,279	15,114	26,753	24,637	26,633	12,927	10,376	11,199	173,592	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		66,082	23,403	14,016	-	2,299	11,075	3,552	1,403	2,483	2,286	2,472	1,200	853	1,039	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Plant		19,028,155	7,439,171	4,480,064	-	556,291	2,679,223	859,430	339,342	600,663	553,147	597,970	290,238	207,588	251,437	173,592	-

Schedule 228
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18	Description	Basis of Functional Classification
	Production			
1	Diesel			Production - Demand, Energy ratios Sch.4.1 L.6
2	Subtotal Production			
	Transmission			
3	Lines			Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Cuslthr
4	Terminal Stations			Production, Transmission - Demand; Spec Assigned - Cuslthr
5	Subtotal Transmission			
	Distribution			
6	Substation Structures & Equipment			Production - Demand; Dist Substns - Demand
7	Land & Land Improvements			Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8	Poles			Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9	Primary Conductor & Equipment			Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10	Submarine Conductor			Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11	Transformers			Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12	Secondary Conductors & Equipment			Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13	Services			Services Customer
14	Meters			Meters - Customer
15	Street Lighting			Street Lighting - Customer
16	Subtotal Distribution			
17	Subttl Prod. Trans. & Dist			
	General			Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
18	Telecontrol - Specific			Specifically Assigned - Customer
19	Feasibility Studies			Production, Transmission - Demand
20	Software - General			Prorated on subtotal Production, Transmission, & Distribution plant - L.17
21	Software - Cust Acctg			Customer Accounting
22				
23	Total Plant			

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmissior Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1	Diesel	15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6	Substation Structures & Equipment	1,012,596	14,673	-	-	997,923	-	-	-	-	-	-	-	-	-	-	-
7	Land & Land Improvements	7,638	-	-	-	-	-	734	-	-	-	688	478	-	-	-	-
8	Poles	1,747,765	-	-	-	-	1,010,817	345,449	-	-	178,915	212,584	-	-	-	-	-
9	Primary Conductor & Equipment	115,113	-	-	-	-	102,105	13,008	-	-	-	-	-	-	-	-	-
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Transformers	434,841	-	-	-	-	-	-	158,978	277,864	-	-	-	-	-	-	-
12	Secondary Conductors & Equipment	49,456	-	-	-	-	-	-	-	-	28,833	20,623	-	-	-	-	-
13	Services	106,892	-	-	-	-	-	-	-	-	-	-	106,892	-	-	-	-
14	Meters	138,636	-	-	-	-	-	-	-	-	-	-	-	138,636	-	-	-
15	Street Lighting	192,904	-	-	-	-	-	-	-	-	-	-	-	-	192,904	-	-
16	Subtotal Distribution	3,805,842	14,673	-	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
17	Subtl Prod, Trans, & Dist	19,744,328	9,897,307	6,055,853	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
18	General	1,636,872	885,111	540,851	-	10,805	52,041	16,694	6,591	11,667	10,744	11,615	5,638	4,525	4,884	75,705	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Software - General	137,381	68,865	42,137	-	6,944	7,784	2,499	1,092	1,933	1,450	1,626	744	965	1,342	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Operating & Maintenance Expense																Specifically Assigned Customer (\$)
		Island Isolated																
		Distribution																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)		
Production																		
1	Diesel	2,065,682	1,280,823	784,859	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Other	208,062	129,008	79,053	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Subtotal Production	2,273,744	1,409,831	863,912	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transmission																		
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution																		
8	Other	212,712	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	-	7,801	-	-	
9	Meters	7,228	-	-	-	-	-	-	-	-	-	-	-	7,228	-	-	-	
10	Subtotal Distribution	219,940	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
11	Subtltl Prod, Trans, & Dist	2,493,683	1,413,805	863,912	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
12	Customer Accounting	120,925	-	-	-	-	-	-	-	-	-	-	-	-	-	120,925	-	
Administrative & General:																		
Plant-Related:																		
13	Production	962,970	597,088	365,882	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Distribution	862,064	15,635	-	-	67,905	327,044	104,908	41,422	73,321	67,521	72,992	35,428	25,195	30,692	-	-	
16	Prod, Trans, Distn Plant	157,713	55,855	33,452	-	5,488	26,431	8,478	3,348	5,926	5,457	5,899	2,863	2,036	2,480	-	-	
17	Prod, Trans, Distn and Gen Plt	1,547	605	364	-	45	218	70	28	49	45	49	24	17	20	14	-	
18	Property Insurance	16,132	9,277	5,587	-	693	149	48	19	33	31	33	16	13	14	217	-	
19	Revenue Related:																	
20	Municipal Tax	40,605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	PUB Assessment	2,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	All Expense-Related	1,085,807	587,132	358,770	-	7,168	34,521	11,074	4,372	7,739	7,127	7,705	3,740	3,002	3,240	50,218	-	
23	Prod, Trans, and Distn Expense-Related	19,971	11,323	6,919	-	138	666	214	84	149	137	149	72	58	62	-	-	
24	Subtotal Admin & General	3,149,246	1,276,915	770,974	-	81,437	389,029	124,791	49,273	87,218	80,318	86,827	42,143	30,321	36,509	50,450	-	
25	Total Operating & Maintenance Expenses	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	

Schedule 2.4B
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	1	18	19	20
	Description	Municipal Tax	Revenue Related Assessment	Basis of Functional Classification
	Production			
1	Diesel	-	-	Production - Demand, Energy ratios Sch.4.1 L6
2	Other	-	-	Production - Demand, Energy ratios Sch.4.1 L6
3	Subtotal Production		-	
	Transmission			
4	Transmission Lines	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3
5	Terminal Stations	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4
6	Other	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
7	Subtotal Transmission		-	
	Distribution			
8	Other	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16 less L. 14
9	Meters	-	-	Meters - Customer
10	Subtotal Distribution		-	
11	Subttl Prod, Trans, & Dist		-	
12	Customer Accounting	-	-	Accounting - Customer
	Administrative & General:			
	Plant-Related:			
13	Production	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2
14	Transmission	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
15	Distribution	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16
16	Prod, Trans, Distn Plant	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17
17	Prod, Trans, Distn and Gen Plt	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23
18	Property Insurance	-	-	Prorated on Prod., Trans, Terminal, Dist, Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19
19	Revenue Related:			
20	Municipal Tax	40,605	-	Revenue-related
21	PUB Assessment	-	2,436	Revenue-related
22	All Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12
23	Prod, Trans and Distn Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11
24	Subtotal Admin & General	40,605	2,436	
25	Total Operating & Maintenance Expenses	40,605	2,436	

Island Isolated

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6						7						16	17		
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations		Primary Lines		Line Transformers		Distribution				Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				
Production																					
1	Diesel	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Subtotal Production	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-				
Transmission																					
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Distribution																					
6	Substn Struct & Eqpt	35,648	1,494	-	-	34,153	-	-	-	-	-	-	-	-	-	-	-				
7	Land & Land Improvements	213	-	-	-	-	160	20	-	19	-	13	-	-	-	-	-				
8	Poles	102,292	-	-	-	-	59,161	20,218	-	10,471	12,442	-	-	-	-	-	-				
9	Primary Conductor & Equipment	6,118	-	-	-	-	5,427	691	-	-	-	-	-	-	-	-	-				
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
11	Transformers	23,984	-	-	-	-	-	-	8,658	15,326	-	-	-	-	-	-	-				
12	Secondary Conductors & Equipment	2,459	-	-	-	-	-	-	-	1,434	1,025	-	-	-	-	-	-				
13	Services	5,237	-	-	-	-	-	-	-	-	-	-	5,237	-	-	-	-				
14	Meters	10,386	-	-	-	-	-	-	-	-	-	-	-	10,386	-	-	-				
15	Street Lighting	14,935	-	-	-	-	-	-	-	-	-	-	-	-	14,935	-	-				
16	Subtotal Distribution	201,272	1,494	-	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-				
17	Subtotal Prod Tran & Dist	906,778	438,942	268,058	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-				
18	General	175,004	94,630	57,824	-	1,155	5,564	1,785	705	1,247	1,149	1,242	603	484	522	8,094	-				
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
20	GEC and AFUDC	3,921	1,898	1,159	-	148	280	91	37	66	52	58	23	45	65	-	-				
21	Software - General	31,714	15,352	9,375	-	1,194	2,265	732	303	536	417	471	183	363	522	-	-				
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
23	Total Depreciation Expense	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-				

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Rate Base																
		Island Isolated																
		2	3	4	5	6	7	8	9	10	Distribution		12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
1	Average Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-	
2	Cash Working Capital	13,981	7,050	4,313	-	660	766	246	107	189	143	160	74	94	129	49	-	
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	206,653	-	206,653	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	217,603	85,073	51,233	-	6,362	30,639	9,828	3,881	6,869	6,326	6,838	3,319	2,374	2,875	1,985	-	
Deferred Charges:																		
Foreign Exchange Loss and Regulatory Costs																		
7	Costs	1,034,296	521,570	319,098	-	48,819	56,645	18,187	7,914	14,009	10,604	11,869	5,445	6,927	9,571	3,639	-	
8	Retired Asset Pool	2,870,021	1,447,280	885,449	-	135,464	157,182	50,467	21,962	38,874	29,424	32,934	15,108	19,223	26,559	10,097	-	
9	Total Rate Base	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Rate Base Available for Equity Return	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
12	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
13	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
14	Return on Rate Base	1,262,023	630,118	395,553	-	58,900	69,478	22,307	9,688	17,149	13,035	14,578	6,696	8,430	11,627	4,464	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	
4	Fuel Inventory - Diesel	Production - Energy
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
	Deferred Charges:	
7	Foreign Exchange Loss and Regulatory Costs	Prorated on Average Net Book Value, L. 1
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Island Isolated Basis of Allocation to Classes of Service

Line No.	Description	2	3	4	5	6												14	15	16	17											
						Total Amount	Production Demand (CP kW)	Production Energy (MWh @ Gen)	Transmission Demand (CP kW)	Substations Demand (CP kW)	7		8		9		10					11		Services Customer	Meters Customer	Street Lighting Customer	Accounting Customer	Assigned Customer	Specifically Customer			
											Demand	(CP kW)	Demand	Customer	Demand	Customer	Demand					Customer	Demand							Customer	Demand	Customer

Amounts																						
1	1.2 Domestic Diesel	-	1,417	4,210	1,417	1,355	545	1,262	545	1,262	545	545	545	-	-	545	-	-	545	-	-	
2	1.2G Government Domestic Diesel	-	11	29	11	11	11	3	10	3	10	3	3	-	-	3	-	-	3	-	-	
3	1.2.3 Churches, Schools & Com Halls	-	54	265	54	51	15	48	15	48	15	15	15	-	-	15	-	-	15	-	-	
4	2.1 GS 0-10 kW	-	103	594	103	98	63	92	63	92	63	63	118	-	-	118	-	-	63	-	-	
5	2.2 GS 10-100 kW	-	214	889	214	205	7	191	7	191	7	7	33	-	-	33	-	-	7	-	-	
6	2.2 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	2.3 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	4.1 Street and Area Lighting	-	11	36	11	11	34	10	34	10	34	34	-	-	-	34	-	-	34	-	-	
9	4.1G Govt Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	Total	-	1,809	6,022	1,809	1,730	666	1,612	666	1,612	666	714	714	-	34	666	-	-	666	-	-	
Ratios																						
11	1.2 Domestic Diesel	-	0.7830	0.6990	0.7830	0.7830	0.8174	0.7830	0.8174	0.7830	0.8174	0.7831	0.7831	-	-	0.8174	-	-	0.8174	-	-	
12	1.2G Government Domestic Diesel	-	0.0061	0.0049	0.0061	0.0061	0.0045	0.0061	0.0045	0.0061	0.0045	0.0042	0.0042	-	-	0.0045	-	-	0.0045	-	-	
13	1.2.3 Churches, Schools & Corn Halls	-	0.0296	0.0440	0.0296	0.0296	0.0236	0.0296	0.0236	0.0296	0.0236	0.0210	0.0210	-	-	0.0225	-	-	0.0225	-	-	
14	2.1 GS 0-10 kW	-	0.0569	0.0987	0.0569	0.0569	0.0940	0.0569	0.0940	0.0569	0.0940	0.1648	0.1648	-	-	0.0940	-	-	0.0940	-	-	
15	2.2 GS 10-100 kW	-	0.1184	0.1476	0.1184	0.1184	0.0105	0.1184	0.0105	0.1184	0.0105	0.0468	0.0468	-	-	0.0105	-	-	0.0105	-	-	
16	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18	4.1 Street and Area Lighting	-	0.0061	0.0059	0.0061	0.0061	0.0510	0.0061	0.0510	0.0061	0.0510	-	-	-	1.0000	0.0510	-	-	0.0510	-	-	
19	4.1G Govt Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Total	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	-	1,000	1,000	-	-	1,000	-	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Basis of Allocation to Classes of Service (CONT'D.)

Line No.	Description	18		19	
		Municipal Tax (Prior Year (Rural Revenues)	Revenue Related	PUB Assessment (Prior Year (Revenues + RSP)	
Amounts					
1	1.2 Domestic Diesel	658,743		658,743	
2	1.2G Government Domestic Diesel	-		-	
3	1.23 Churches, Schools & Com Halls	43,910		43,910	
4	2.1 GS 0-10 kW	205,170		205,170	
5	2.2 GS 10-100 kW	491,702		491,702	
6	2.3 GS 110-1,000 kVa	-		-	
7	2.4 GS Over 1,000 kVa	-		-	
8	4.1 Street and Area Lighting	38,040		38,040	
9	4.1G Gov't Street and Area Lighting	6,323		6,323	
10	Total	1,443,889		1,443,889	
Ratios					
11	1.2 Domestic Diesel	0.4562		0.4562	
12	1.2G Government Domestic Diesel	-		-	
13	1.23 Churches, Schools & Com Halls	0.0304		0.0304	
14	2.1 GS 0-10 kW	0.1421		0.1421	
15	2.2 GS 10-100 kW	0.3405		0.3405	
16	2.3 GS 110-1,000 kVa	-		-	
17	2.4 GS Over 1,000 kVa	-		-	
18	4.1 Street and Area Lighting	0.0263		0.0263	
19	4.1G Gov't Street and Area Lighting	0.0044		0.0044	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service																			
Island Isolated																			
Line No.	Description	1	2	3	4	5	Distribution										16	17	
							Substations		Primary Lines		Line Transformers		Secondary Lines		Services	Street Lighting			
							Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer		Customer			Customer
Allocated Revenue Requirement Excluding Return																			
1	1.2 Domestic Diesel		6,757,294	2,531,252	2,982,840	-	105,725	416,091	139,262	54,270	100,280	85,008	96,247	43,519	37,167	-	146,060		
2	1.2G Government Domestic Diesel		48,553	19,622	20,707	-	820	3,226	767	421	553	659	530	240	205	-	805		
3	1.23 Churches, Schools & Com Halls		325,166	95,658	187,724	-	3,995	15,724	3,836	2,051	2,763	3,213	2,651	1,199	1,024	-	4,024		
4	2.1 GS 0-10 kW		731,952	183,957	420,985	-	7,683	30,239	16,023	3,944	11,538	6,178	11,074	9,401	8,229	-	16,805		
5	2.2 GS 10-100 kW		1,138,127	382,631	629,811	-	15,982	62,898	1,790	8,204	1,289	12,850	1,237	2,669	2,279	-	1,878		
6	2.3 GS 110-1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	2.4 GS Over 1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	4.1 Street and Area Lighting		141,363	19,622	25,189	-	820	3,226	8,696	421	6,262	659	6,010	-	-	60,209	9,120		
9	4.1G Gov't Street and Area Lighting		188	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Total		9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692		
Allocated Return on Debt and Equity																			
11	1.2 Domestic Diesel		947,551	493,385	276,494	-	46,119	54,402	18,233	7,586	14,017	10,206	11,916	5,110	6,433	-	3,649		
12	1.2G Government Domestic Diesel		6,911	3,825	1,919	-	358	422	100	59	-	79	66	28	35	-	20		
13	1.23 Churches, Schools & Com Halls		42,153	18,645	17,401	-	1,743	2,056	502	287	386	328	328	141	177	-	101		
14	2.1 GS 0-10 kW		91,473	35,856	39,023	-	3,352	3,954	2,098	551	1,613	742	1,371	1,104	1,390	-	420		
15	2.2 GS 10-100 kW		152,169	74,582	58,380	-	6,972	8,224	234	1,147	180	1,543	153	313	395	-	47		
16	2.3 GS 110-1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17	2.4 GS Over 1,000 kVA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
18	4.1 Street and Area Lighting		21,690	3,825	2,335	-	358	422	1,139	59	875	79	744	-	-	11,627	228		
19	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Total		1,261,946	630,118	395,553	-	58,900	69,478	22,307	9,688	17,071	13,035	14,578	6,696	8,430	11,627	4,464		

NEWFOUNDLAND & LABRADOR HYDRO					
2027 Test Year Cost of Service Study					
Island Isolated					
Allocation of Functionalized Amounts to Classes of Service (CONTD.)					
Line No.	1	Description	18		19
			Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration
Allocated Revenue Requirement Excluding Return					
1		1.2 Domestic Diesel	18,464	1,108	
2		1.2G Government Domestic Diesel	-	-	
3		1.23 Churches, Schools & Com Halls	1,231	74	
4		2.1 GS 0-10 kW	5,751	345	
5		2.2 GS 10-100 kW	13,782	827	
6		2.3 GS 110-1,000 kVa	-	-	
7		2.4 GS Over 1,000 kVa	-	-	
8		4.1 Street and Area Lighting	1,066	64	
9		4.1G Gov't Street and Area Lighting	177	11	
10		Total	40,472	2,428	
Allocated Return on Debt and Equity					
11		1.2 Domestic Diesel	-	-	
12		1.2G Government Domestic Diesel	-	-	
13		1.23 Churches, Schools & Com Halls	-	-	
14		2.1 GS 0-10 kW	-	-	
15		2.2 GS 10-100 kW	-	-	
16		2.3 GS 110-1,000 kVa	-	-	
17		2.4 GS Over 1,000 kVa	-	-	
18		4.1 Street and Area Lighting	-	-	
19		4.1G Gov't Street and Area Lighting	-	-	
20		Total	-	-	

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	2	3	4	5	6	Primary Lines		Line Transformers		Secondary Lines		13	14	15	16	17
							Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Total Revenue Requirement																	
21	1.2 Domestic Diesel	7,704,844	3,024,638	3,259,334	-	151,844	470,493	157,496	61,855	114,297	95,215	108,163	48,629	43,600	-	149,709	-
22	1.2 Government Domestic Diesel	55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825	-
23	1.2 Churches, Schools & Com Halls	367,319	114,303	205,125	-	5,738	17,780	4,339	2,338	3,149	3,598	2,980	1,340	1,201	-	4,124	-
24	2.1 CS 0-10 kW	823,425	219,814	460,008	-	11,035	34,193	18,121	4,495	13,151	6,920	12,445	10,505	9,418	-	17,225	-
25	2.2 GS 10-100 kW	1,290,296	457,213	688,192	-	22,953	71,121	2,025	9,350	1,469	14,393	1,391	2,982	2,674	-	1,925	-
26	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	2.4 GS Over 1,000 kVa	-	-	27,524	-	-	3,647	9,834	479	7,137	738	6,754	-	-	-	9,348	-
28	4.1 Street and Area Lighting	163,053	23,447	-	-	1,177	-	-	-	-	-	-	-	-	-	-	-
29	4.1G Gov't Street and Area Lighting	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Total	10,404,589	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,755	121,602	132,328	63,723	57,134	71,837	183,156	-
Re-classification of Revenue-Related																	
31	1.2 Domestic Diesel	(0)	7,703	8,301	-	387	1,198	401	158	291	242	275	124	111	-	381	-
32	1.2G Government Domestic Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	1.2 Churches, Schools & Com Halls	-	407	731	-	20	63	15	8	11	13	11	5	4	-	15	-
34	2.1 CS 0-10 kW	-	1,639	3,431	-	82	255	135	34	98	52	93	78	70	-	128	-
35	2.2 GS 10-100 kW	-	5,236	7,881	-	263	814	23	107	17	165	16	34	31	-	22	-
36	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	2.4 GS Over 1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	4.1 Street and Area Lighting	0	164	192	-	8	25	69	3	50	5	47	-	-	501	65	-
39	4.1G Gov't Street and Area Lighting	(188)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Total	(188)	15,149	20,536	-	761	2,357	644	310	467	477	442	241	216	501	612	-
Total Allocated Revenue Requirement																	
41	1.2 Domestic Diesel	7,704,844	3,032,340	3,267,635	-	152,231	471,692	157,897	62,013	114,588	95,457	108,438	48,753	43,711	-	150,090	-
42	1.2G Government Domestic Diesel	55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825	-
43	1.2 Churches, Schools & Com Halls	367,319	114,711	205,856	-	5,759	17,844	4,362	2,346	3,160	3,611	2,990	1,344	1,205	-	4,139	-
44	2.1 GS 0-10 kW	823,425	221,453	463,439	-	11,117	34,448	18,256	4,529	13,249	6,971	12,538	10,583	9,489	-	17,353	-
45	2.2 GS 10-100 kW	1,290,296	462,449	696,073	-	23,216	71,936	2,048	9,457	1,486	14,558	1,406	3,016	2,704	-	1,947	-
46	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	2.4 GS Over 1,000 kVa	-	-	27,716	-	-	-	-	-	-	-	-	-	-	-	-	-
48	4.1 Street and Area Lighting	163,053	23,610	-	-	1,185	3,673	9,903	483	7,187	743	6,801	-	-	72,338	9,413	-
49	4.1G Gov't Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Total	10,404,402	3,878,010	4,683,345	-	194,685	603,239	193,326	79,307	140,222	122,079	132,770	63,964	57,350	72,338	183,767	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18	19
		Revenue Related	
		Municipal Tax (\$)	PUB Assessment (\$)
			Basis of Proration
Total Revenue Requirement			
21	1.2 Domestic Diesel	18,464	1,108
22	1.2G Government Domestic Diesel	-	-
23	1.23 Churches, Schools & Com Halls	1,231	74
24	2.1 GS 0-10 kW	5,751	345
25	2.2 GS 10-100 kW	13,782	827
26	2.3 GS 110-1,000 kVa	-	-
27	2.4 GS Over 1,000 kVa	-	-
28	4.1 Street and Area Lighting	1,066	64
29	4.1G Gov't Street and Area Lighting	177	11
30	Total	40,472	2,428
Re-classification of Revenue-Related			
31	1.2 Domestic Diesel	(18,464)	(1,108)
32	1.2G Government Domestic Diesel	-	-
33	1.23 Churches, Schools & Com Halls	(1,231)	(74)
34	2.1 GS 0-10 kW	(5,751)	(345)
35	2.2 GS 10-100 kW	(13,782)	(827)
36	2.3 GS 110-1,000 kVa	-	-
37	2.4 GS Over 1,000 kVa	-	-
38	4.1 Street and Area Lighting	(1,066)	(64)
39	4.1G Gov't Street and Area Lighting	(177)	(11)
40	Total	(40,472)	(2,428)
Total Allocated Revenue Requirement			
41	1.2 Domestic Diesel	-	-
42	1.2G Government Domestic Diesel	-	-
43	1.23 Churches, Schools & Com Halls	-	-
44	2.1 GS 0-10 kW	-	-
45	2.2 GS 10-100 kW	-	-
46	2.3 GS 110-1,000 kVa	-	-
47	2.4 GS Over 1,000 kVa	-	-
48	4.1 Street and Area Lighting	-	-
49	4.1G Gov't Street and Area Lighting	-	-
50	Total	-	-

Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.

Disposal Gain / Loss

Schedule 2.1C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Revenue Requirement (CONT'D.)

Line No.	Description	Revenue Related			Basis of Functional Classification	20
		18 Municipal Tax	19 PUB Assessment	20		
	Expenses					
1	Operating & Maintenance	263,893	15,830	Carryforward from Sch.2.4 L.24		
2	Fuels	-	-	Production - Energy		
3	Fuels-Diesel	-	-	Production - Energy		
4	Fuels-Gas Turbine	-	-	Production - Energy		
5	Power Purchases -CF(L)Co	-	-	Carryforward from Sch.4.4 L.20		
6	Power Purchases-Other	-	-	Carryforward from Sch.2.5 L.23		
7	Depreciation	-	-			
	Expense Credits	(863)	(52)			
8	Sundry	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24		
9	Building Rental Income	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17		
10	Tax Refunds	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24		
11	Suppliers' Discounts	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24		
12	Pole Attachments	-	-	Prorated on Distribution Poles - Sch.4.1 L.37		
13	Secondary Energy Revenues	-	-	Production - Energy		
14	Wheeling Revenues	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16		
15	Application Fees	-	-	Accounting - Customer		
16	Meter Test Revenues	-	-	Meters - Customer		
17	Total Expense Credits	(863)	(52)			
18	Subtotal Expenses	263,030	15,779			
19	Disposal Gain / Loss	-	-	Prorated on Total Net Book Value - Sch.2.3 L.23		
20	Subtotal Revenue Requirement Ex. Return	263,030	15,779			
21	Return on Debt	-	-	Prorated on Rate Base - Sch.2.6 L.9		
22	Return on Equity	-	-	Prorated on Rate Base - Sch.2.6 L.11		
23	Total Revenue Requirement	263,030	15,779			

Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	Description	2	3	4	5	6	7		8		9		10		11		12		13	14	15	16	17			
							Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)						Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
												Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)									
Production																										
1	Diesel	101,424,536	46,346,579	55,077,957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Subtotal Production	101,424,536	46,346,579	55,077,957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Transmission																										
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Distribution																										
6	Substation Structures & Equipment	3,834,105	2,361,427	-	-	1,472,678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
7	Land & Land Improvements	102,348	-	-	-	-	77,165	9,831	-	-	-	-	6,402	-	-	8,950	-	-	-	-	-	-				
8	Poles	13,745,724	-	-	-	-	7,949,812	2,716,870	-	-	-	-	1,671,920	-	-	1,407,122	-	-	-	-	-	-				
9	Primary Conductor & Equipment	2,449,563	-	-	-	-	2,172,763	276,801	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
11	Transformers	3,613,059	-	-	-	-	-	-	-	1,304,314	2,308,744	-	-	-	-	-	-	-	-	-	-	-				
12	Secondary Conductors & Equipment	369,948	-	-	-	-	-	-	-	-	-	-	154,268	-	-	215,680	-	-	-	-	-	-				
13	Services	857,470	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	857,470	-	-	-				
14	Meters	1,020,023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,020,023	-	-	-				
15	Street Lighting	403,680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	403,680	-	-				
16	Subtotal Distribution	26,995,920	2,361,427	-	-	1,472,678	10,199,740	3,003,501	1,304,314	1,304,314	2,308,744	1,631,753	1,832,590	857,470	1,020,023	403,680	-	-	-	-	-	-				
17	Subttl Prod, Trans, & Dist	127,820,456	48,708,006	55,077,957	-	1,472,678	10,199,740	3,003,501	1,304,314	1,304,314	2,308,744	1,631,753	1,832,590	857,470	1,020,023	403,680	-	-	-	-	-	-				
18	General	16,188,197	6,554,928	7,658,499	-	68,920	477,339	140,561	61,041	108,047	76,365	85,764	40,129	64,777	18,892	832,935	-	-	-	-	-	-				
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
21	Software - General	555,378	211,636	239,313	-	6,399	44,318	13,050	5,667	10,031	7,090	7,963	3,726	4,432	1,754	-	-	-	-	-	-	-				
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
23	Total Plant	144,564,032	55,474,569	62,975,769	-	1,547,997	10,721,397	3,157,113	1,371,022	2,426,823	1,715,207	1,926,317	907,324	1,089,232	424,326	832,935	-	-	-	-	-	-				

Schedule 2.2C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Diesel	Production - Demand, Energy ratios Sch.4.1 L.7
2	Subtotal Production	
	Transmission	
3	Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
4	Terminal Stations	Production, Transmission - Demand; Spec Assigned - Custmr
5	Subtotal Transmission	
	Distribution	
6	Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9	Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12	Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch. 4.1 L.41
13	Services	Services Customer
14	Meters	Meters - Customer
15	Street Lighting	Street Lighting - Customer
16	Subtotal Distribution	
17	Subttl Prod, Trans, & Dist	
18	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch 2.4 L.11, 12
19	Telecontrol - Specific	Specifically Assigned - Customer
20	Feasibility Studies	Production, Transmission - Demand
21	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22	Software - Cust Acctg	Customer Accounting
23	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Diesel	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission																
4	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Distribution																
8	Substation Structures & Equipment	1,723,562	728,201	-	-	995,362	-	-	-	-	-	-	-	-	-	-	-
9	Land & Land Improvements	24,670	-	-	-	-	18,600	2,370	-	-	-	2,157	-	-	-	-	-
10	Poles	4,989,483	-	-	-	-	2,885,658	986,181	-	-	-	510,763	-	-	-	-	-
11	Primary Conductor & Equipment	851,171	-	-	-	-	754,989	96,182	-	-	-	-	-	-	-	-	-
12	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Transformers	1,981,705	-	-	-	-	-	-	715,396	1,266,310	-	-	-	-	-	-	-
14	Secondary Conductors & Equipment	115,342	-	-	-	-	-	-	-	-	67,244	-	48,098	-	-	-	-
15	Services	395,847	-	-	-	-	-	-	-	-	-	-	395,847	-	-	-	-
16	Meters	720,172	-	-	-	-	-	-	-	-	-	-	-	720,172	-	-	-
17	Street Lighting	291,251	-	-	-	-	-	-	-	-	-	-	-	-	291,251	-	-
18	Subtotal Distribution	11,093,204	728,201	-	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
19	Subtotal Prod, Trans, & Dist	87,128,823	35,473,155	41,290,665	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
20	General	7,778,683	3,149,746	3,680,029	-	33,117	229,369	67,542	29,331	51,918	36,894	41,211	19,283	31,126	9,078	400,239	-
21	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Software - General	606,243	246,822	287,301	-	6,926	25,461	7,548	4,978	8,811	4,037	4,568	2,754	5,011	2,027	-	-
24	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Total Net Book Value	95,513,749	38,869,723	45,257,995	-	1,035,405	3,914,077	1,159,823	749,704	1,327,039	620,896	702,300	417,884	756,310	302,355	400,239	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	1			Basis of Functional Classification	20		
		18	19	20		18	19	20
		Municipal Tax	Revenue Related PUB Assessment					
Production								
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7	-	-	-
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7	-	-	-
3	Subtotal Production	-	-	-		-	-	-
Transmission								
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3	-	-	-
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4	-	-	-
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	-	-	-
7	Subtotal Transmission	-	-	-		-	-	-
Distribution								
8	Other	-	-	-	Prorated on Distribution Plant excluding Meters - Sch. 2.2 L. 16, less L. 14	-	-	-
9	Meters	-	-	-	Meters - Customer	-	-	-
10	Subtotal Distribution	-	-	-		-	-	-
11	Subtotal Prod, Trans, & Dist	-	-	-		-	-	-
12	Customer Accounting	-	-	-	Accounting - Customer	-	-	-
Administrative & General:								
Plant-Related:								
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2	-	-	-
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	-	-	-
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16	-	-	-
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17	-	-	-
17	Prod, Trans, Distn and General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23	-	-	-
18	Property Insurance	-	-	-	Prorated on Prod., Trans., Terminal, Dist. Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19	-	-	-
Revenue Related:								
19	Municipal Tax	263,893	-	-	Revenue-related	263,893	-	-
20	PUB Assessment	-	15,830	-	Revenue-related	-	15,830	-
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12	-	-	-
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	-	-	-
23	Subtotal Admin & General	263,893	15,830	-		263,893	15,830	-
24	Total Operating & Maintenance Expenses	263,893	15,830	-		263,893	15,830	-

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	Distribution										15	16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)				
Production																								
1	Diesel	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
2	Subtotal Production	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Transmission																								
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Distribution																								
6	Substn Struct & Eqpt	73,312	39,828	-	-	33,484	-	-	-	-	-	-	-	-	-	-	-	-						
7	Land & Land Improvements	696	-	-	-	-	524	67	-	-	61	44	-	-	-	-	-	-						
8	Poles	305,675	-	-	-	176,786	60,417	-	-	-	31,291	37,180	-	-	-	-	-	-						
9	Primary Conductor & Equipment	44,658	-	-	-	39,611	5,046	-	-	-	-	-	-	-	-	-	-	-						
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Transformers	97,876	-	-	-	-	-	35,333	62,543	-	-	-	-	-	-	-	-	-						
12	Secondary Conductors & Equipment	5,597	-	-	-	-	-	-	-	-	3,263	2,334	-	-	-	-	-	-						
13	Services	17,274	-	-	-	-	-	-	-	-	-	-	17,274	-	-	-	-	-						
14	Meters	53,951	-	-	-	-	-	-	-	-	-	-	-	53,951	-	-	-	-						
15	Street Lighting	26,970	-	-	-	-	-	-	-	-	-	-	-	-	26,970	-	-	-						
16	Subtotal Distribution	626,009	39,828	-	-	33,484	216,922	65,530	35,333	62,543	34,615	39,557	17,274	53,951	26,970	-	-	-						
17	Subtotal Prod Tran & Dist	4,571,938	1,842,945	2,142,812	-	33,484	216,922	65,530	35,333	62,543	34,615	39,557	17,274	53,951	26,970	-	-	-						
18	General	717,239	290,424	339,320	-	3,054	21,149	6,228	2,704	4,787	3,383	3,800	1,778	2,870	837	36,904	-	-						
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20	GEC and AFUDC	17,405	7,016	8,158	-	127	826	249	135	238	132	151	66	205	103	-	-	-						
21	Software - General	159,900	64,456	74,943	-	1,171	7,587	2,292	1,236	2,187	1,211	1,383	604	1,887	943	-	-	-						
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
23	Total Depreciation Expense	5,466,481	2,204,841	2,565,232	-	37,836	246,484	74,299	39,408	69,755	39,341	44,891	19,722	58,914	28,853	36,904	-	-						

Labrador Isolated
Functional Classification of Rate Base

Line No.	Description	Total Amount (\$)	2	3	4	5	6	Distribution						15	16	17			
								Primary Lines		Line Transformers		Secondary Lines					Services Customer	Meters Customer	Street Lighting Customer
								Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)						
1	Average Net Book Value	95,513,749	38,869,723	-	45,257,995	-	1,035,405	3,914,077	1,159,823	749,704	1,327,039	620,896	702,300	417,884	756,310	302,355	400,239	-	
2	Cash Working Capital	62,057	25,254	29,405	-	673	2,543	754	487	862	862	403	456	272	491	196	260	-	
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	5,700,591	-	5,700,591	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	1,653,208	634,397	720,179	-	17,703	122,608	36,104	15,679	27,753	19,615	22,029	10,307	12,456	4,853	9,525	-	-	
Deferred Charges:																			
Foreign Exchange Loss and Regulatory																			
7	Costs	4,590,894	1,868,284	2,175,338	-	49,767	188,131	55,747	36,035	63,784	29,844	33,756	20,086	36,352	14,533	19,238	-	-	
8	Retired Asset Pool	12,632,077	5,140,677	5,985,551	-	136,936	517,652	153,391	99,151	175,506	82,116	92,882	55,267	100,025	39,988	52,933	-	-	
9	Total Rate Base	120,152,576	46,538,335	59,869,059	-	1,240,484	4,745,011	1,405,819	901,056	1,594,945	752,874	851,424	503,815	905,634	361,925	482,195	-	-	
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Rate Base Available for Equity Return	120,152,576	46,538,335	59,869,059	-	1,240,484	4,745,011	1,405,819	901,056	1,594,945	752,874	851,424	503,815	905,634	361,925	482,195	-	-	
12	Return on Debt	3,616,593	1,400,804	1,802,059	-	37,339	142,825	42,315	27,122	48,008	22,662	25,628	15,165	27,260	10,894	14,514	-	-	
13	Return on Equity	2,246,853	870,267	1,119,551	-	23,197	88,732	26,289	16,850	29,825	14,079	15,922	9,421	16,935	6,768	9,017	-	-	
14	Return on Rate Base	5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
Deferred Charges:		
Foreign Exchange Loss and Regulatory		
7	Costs	Prorated on Average Net Book Value, L. 1
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Line No.	Description
1	

[illegible]

Schedule 3.1C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		18	19
		Municipal Tax (Prior Year (Rural Revenues))	PUB Assessment (Prior Year (Revenues + RSP))
Amounts			
1	1.2 Domestic Diesel	3,281,626	3,281,626
2	1.2G Government Domestic Diesel	826,883	826,883
3	1.23 Churches, Schools & Com Halls	210,070	210,070
4	2.1 GS 0-10 kW	1,307,106	1,307,106
5	2.2 GS 10-100 kW	3,170,396	3,170,396
6	2.3 GS 110-1,000 kVa	262,528	262,528
7	2.4 GS Over 1,000 kVa	205,566	205,566
8	4.1 Street and Area Lighting	110,871	110,871
9	4.1G Gov't Street and Area Lighting	8,864	8,864
10	Total	9,383,911	9,383,911
Ratios			
11	1.2 Domestic Diesel	0.3497	0.3497
12	1.2G Government Domestic Diesel	0.0881	0.0881
13	1.23 Churches, Schools & Com Halls	0.0224	0.0224
14	2.1 GS 0-10 kW	0.1393	0.1393
15	2.2 GS 10-100 kW	0.3379	0.3379
16	2.3 GS 110-1,000 kVa	0.0280	0.0280
17	2.4 GS Over 1,000 kVa	0.0219	0.0219
20	4.1 Street and Area Lighting	0.0118	0.0118
21	4.1G Gov't Street and Area Lighting	0.0009	0.0009
22	Total	1.0000	1.0000

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service
Labrador Isolated

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Allocated Revenue Requirement Excluding Return																		
1	1.2 Domestic Diesel		21,713,165	5,227,588	14,614,673	-	77,203	478,414	164,218	71,309	147,957	75,801	99,783	40,439	77,950	-	540,328	-
2	1.2G Government Domestic Diesel		773,651	189,095	506,352	-	2,793	17,305	4,328	2,579	3,899	2,742	2,630	1,066	2,054	-	14,240	-
3	1.23 Churches, Schools & Com Halls		1,169,126	207,725	903,736	-	3,068	19,010	3,604	2,834	3,248	3,012	2,190	888	1,711	-	11,860	-
4	2.1 GS 0-10 kW		3,206,931	626,901	2,253,390	-	9,258	57,372	28,456	8,551	25,639	9,090	17,291	13,156	25,360	-	93,630	-
5	2.2 GS 10-100 kW		8,327,862	1,655,279	6,273,105	-	24,446	151,486	8,960	22,579	8,072	24,002	5,444	10,524	20,287	-	29,480	-
6	2.3 GS 110-1,000 kVa		1,629,157	131,342	1,467,121	-	1,940	12,020	441	1,792	398	1,904	268	915	1,764	-	1,452	-
7	2.4 GS Over 1,000 kVa		1,222,889	99,671	1,102,839	-	1,472	9,122	74	1,360	66	1,445	45	153	294	-	242	-
8	4.1 Street and Area Lighting		259,262	39,123	107,940	-	578	3,580	9,048	534	8,152	567	5,498	-	51,177	-	29,771	-
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Total		38,302,306	8,176,723	27,229,155	-	120,758	748,311	219,129	111,538	197,431	118,564	133,148	67,140	129,420	51,177	721,003	-
Allocated Return on Debt and Equity																		
11	1.2 Domestic Diesel		3,458,350	1,451,954	1,568,112	-	38,702	148,040	51,413	28,112	58,329	23,489	31,138	14,808	26,619	-	17,634	-
12	1.2G Government Domestic Diesel		120,742	52,521	54,330	-	1,400	5,355	1,355	1,017	1,537	850	821	390	702	-	465	-
13	1.23 Churches, Schools & Com Halls		168,523	57,695	96,968	-	1,538	5,883	1,128	1,117	1,280	933	683	325	584	-	387	-
14	2.1 GS 0-10 kW		485,431	174,121	241,782	-	4,641	17,753	8,909	3,371	10,108	2,817	5,396	4,818	8,660	-	3,056	-
15	2.2 GS 10-100 kW		1,227,737	459,751	673,086	-	12,255	48,876	2,805	8,902	3,182	7,438	1,699	3,854	6,928	-	962	-
16	2.3 GS 110-1,000 kVa		201,250	36,480	157,418	-	972	3,719	138	706	157	590	84	335	602	-	47	-
17	2.4 GS Over 1,000 kVa		150,786	27,683	118,331	-	738	2,823	23	536	26	448	14	56	100	-	8	-
20	4.1 Street and Area Lighting		50,627	10,866	11,582	-	290	1,108	2,833	210	3,214	176	1,716	-	17,662	-	972	-
21	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total		5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-

Schedule 3.2C
Page 2 of 4

NEWFOUNDLAND & LABRADOR HYDRO					
2027 Test Year Cost of Service Study					
Labrador/Isolated					
Allocation of Functionalized Amounts to Classes of Service (CONTD.)					
Line No.	Description	18		19	
		Municipal Tax (\$)	Revenue Related Assessment (\$)	PUB Assessment (\$)	Basis of Proration
Allocated Revenue Requirement Excluding Return					
1	1.2 Domestic Diesel		91,984	5,518	
2	1.2G Government Domestic Diesel		23,177	1,390	
3	1.23 Churches, Schools & Com Halls		5,888	353	
4	2.1 GS 0-10 kW		36,638	2,198	
5	2.2 GS 10-100 kW		88,866	5,331	
6	2.3 GS 110-1,000 kVa		7,359	441	
7	2.4 GS Over 1,000 kVa		5,762	346	
8	4.1 Street and Area Lighting		3,108	186	
9	4.1G Gov't Street and Area Lighting		248	15	
10	Total		263,030	15,779	
Allocated Return on Debt and Equity					
11	1.2 Domestic Diesel		-	-	
12	1.2G Government Domestic Diesel		-	-	
13	1.23 Churches, Schools & Com Halls		-	-	
14	2.1 GS 0-10 kW		-	-	
15	2.2 GS 10-100 kW		-	-	
16	2.3 GS 110-1,000 kVa		-	-	
17	2.4 GS Over 1,000 kVa		-	-	
20	4.1 Street and Area Lighting		-	-	
21	4.1G Gov't Street and Area Lighting		-	-	
22	Total		-	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONTD.)
Labrador Isolated

Line No.	Description	1	2	3	4	5	6	Primary Lines				Distribution		13	14	15	16	17						
								Substations		Transmission		Line Transformers							Secondary Lines Demand	Services Customer	Meters Customer	Street Lighting Customer	Accounting Customer	Specifically Assigned Customer
								Demand (\$)		Demand (\$)		Demand (\$)												
Total Revenue Requirement																								
1	1.2 Domestic Diesel		25,171,515	6,679,542	16,182,786	-	115,905	626,454	215,631	99,421	206,286	99,290	130,921	55,247	104,569	-	557,962	-						
2	1.2G Government Domestic Diesel		894,393	241,616	580,683	-	4,193	22,660	5,683	3,596	5,436	3,592	3,450	1,456	2,756	-	14,705	-						
3	1.23 Churches, Schools & Com Halls		1,337,649	265,420	1,000,704	-	4,806	24,893	4,733	3,951	4,528	2,874	1,213	2,295	12,247	-	96,686	-						
4	2.1 GS 0-10 kW		3,692,362	801,021	2,495,172	-	13,900	75,125	37,365	11,923	35,746	11,907	22,686	17,974	34,020	-	96,686	-						
5	2.2 GS 10-100 kW		9,555,598	2,115,030	6,946,191	-	36,701	198,362	11,765	31,481	11,255	7,143	14,378	27,215	30,442	-	1,500	-						
6	2.3 GS 110-1,000 kVa		1,830,407	167,822	1,624,539	-	2,912	15,739	580	2,498	554	352	1,250	2,366	-	500	-	-						
7	2.4 GS Over 1,000 kVa		1,373,675	127,354	1,221,170	-	2,210	11,944	97	1,896	92	1,893	59	208	394	-	250	-						
8	4.1 Street and Area Lighting		309,889	49,989	119,522	-	867	4,688	11,881	744	11,366	743	7,213	-	68,839	30,742	-	-						
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
10	Total		44,165,752	10,447,794	30,150,766	-	181,293	979,867	287,733	155,509	275,264	155,305	174,698	91,727	173,615	68,839	744,534	-						
Re-classification of Revenue-Related																								
11	1.2 Domestic Diesel		0	25,974	62,927	-	451	2,436	838	387	802	386	509	215	407	-	2,170	-						
12	1.2G Government Domestic Diesel		(0)	6,824	15,836	-	118	640	161	102	154	101	97	41	78	-	415	-						
13	1.23 Churches, Schools & Com Halls		0	1,244	4,691	-	22	117	22	19	21	18	13	6	11	-	57	-						
14	2.1 GS 0-10 kW		(0)	8,515	26,523	-	148	799	397	127	380	127	241	191	362	-	1,028	-						
15	2.2 GS 10-100 kW		0	21,057	69,155	-	365	1,975	117	313	112	313	71	143	271	-	303	-						
16	2.3 GS 110-1,000 kVa		0	718	6,952	-	12	67	2	11	2	11	2	5	10	-	6	-						
17	2.4 GS Over 1,000 kVa		(0)	569	5,454	-	10	53	0	8	0	8	0	1	2	-	1	-						
20	4.1 Street and Area Lighting		(0)	537	1,284	-	9	50	128	8	122	78	-	-	740	330	-	-						
21	4.1G Gov't Street and Area Lighting		(263)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
22	Total		(263)	65,438	192,824	-	1,135	6,137	1,666	974	1,594	973	1,012	602	1,140	740	4,311	-						
Total Allocated Revenue Requirement																								
23	1.2 Domestic Diesel		25,171,515	6,705,516	16,245,713	-	116,356	628,890	216,469	99,808	207,088	99,676	131,430	55,462	104,975	-	560,132	-						
24	1.2G Government Domestic Diesel		894,393	248,440	576,519	-	4,311	23,300	5,643	3,698	5,590	3,693	3,548	1,497	2,834	-	15,120	-						
25	1.23 Churches, Schools & Com Halls		1,337,649	266,664	1,005,395	-	4,627	25,010	4,755	3,969	4,549	3,964	2,887	1,218	2,306	-	12,304	-						
26	2.1 GS 0-10 kW		3,692,362	809,536	2,521,695	-	14,047	75,924	37,763	12,049	36,126	12,049	7,214	18,165	34,382	-	97,714	-						
27	2.2 GS 10-100 kW		9,555,598	2,136,087	7,015,346	-	37,066	200,337	11,882	31,794	11,367	7,214	14,522	27,486	30,745	-	1,506	-						
28	2.3 GS 110-1,000 kVa		1,830,407	168,540	1,631,491	-	2,925	15,807	582	2,509	557	2,505	353	1,256	2,376	-	251	-						
29	2.4 GS Over 1,000 kVa		1,373,675	127,923	1,226,624	-	2,220	11,998	97	1,904	93	1,902	59	209	396	-	31,072	-						
32	4.1 Street and Area Lighting		309,889	50,527	120,806	-	877	4,739	12,008	752	11,488	751	7,291	-	69,579	-	748,845	-						
33	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
34	Total		44,165,488	10,513,232	30,343,589	-	182,429	986,005	289,399	156,483	276,858	156,277	175,709	92,329	174,755	69,579	748,845	-						

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration	
Total Revenue Requirement					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Re-classification of Revenue-Related					
11	1.2 Domestic Diesel	(91,984)	(5,518)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.	
12	1.2G Government Domestic Diesel	(23,177)	(1,390)		
13	1.23 Churches, Schools & Com Halls	(5,888)	(353)		
14	2.1 GS 0-10 kW	(36,638)	(2,198)		
15	2.2 GS 10-100 kW	(88,866)	(5,331)		
16	2.3 GS 110-1,000 kVa	(7,359)	(441)		
17	2.4 GS Over 1,000 kVa	(5,762)	(346)		
20	4.1 Street and Area Lighting	(3,108)	(186)		
21	4.1G Gov't Street and Area Lighting	(248)	(15)		
22	Total	(263,030)	(15,779)		
Total Allocated Revenue Requirement					
23	1.2 Domestic Diesel	-	-		
24	1.2G Government Domestic Diesel	-	-		
25	1.23 Churches, Schools & Com Halls	-	-		
26	2.1 GS 0-10 kW	-	-		
27	2.2 GS 10-100 kW	-	-		
28	2.3 GS 110-1,000 kVa	-	-		
29	2.4 GS Over 1,000 kVa	-	-		
32	4.1 Street and Area Lighting	-	-		
33	4.1G Gov't Street and Area Lighting	-	-		
34	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement

Line No.	Description	2	3	4	5	Distribution										16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)				
Expenses																							
1	Operating & Maintenance	2,238,392	1,275,200	-	-	100,796	307,043	89,651	25,448	45,045	51,710	56,720	9,086	28,797	13,580	142,113	-						
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
3	Fuels-Diesel	756,000	-	756,000	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5	Power Purchases-CF(L)/Co	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6	Power Purchases-Other	4,104,300	-	4,104,300	-	-	-	-	-	-	-	-	-	-	-	-	-						
7	Depreciation	1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,597	4,086	30,524	19,412	10,926	-						
Expense Credits																							
8	Sundry	(7,321)	(4,171)	-	-	(330)	(1,004)	(293)	(83)	(147)	(169)	(186)	(30)	(94)	(44)	(465)	-						
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
12	Pole Attachments	(61,423)	-	-	-	-	(35,524)	(12,140)	-	-	(6,288)	(7,471)	-	-	-	-	-						
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
15	Application Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
16	Meter Test Revenues	(432)	-	-	-	-	-	-	-	-	-	-	-	-	-	(432)	-						
17	Total Expense Credits	(69,176)	(4,171)	-	-	(330)	(36,528)	(12,434)	(83)	(147)	(6,457)	(7,656)	(30)	(94)	(44)	(897)	-						
18	Subtotal Expenses	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-						
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20	Subtotal Revenue Requirement Ex. Return	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-						
21	Return on Debt	807,239	515,833	2,820	-	80,989	93,023	26,427	11,363	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-						
22	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	16,418	7,059	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-						
23	Total Revenue Requirement	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-						

Schedule 2.1D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18		19		20
		Municipal Tax (\$)	Revenue Related	PUB Assessment (\$)	Basis of Functional Classification	
1	Expenses					
2	Operating & Maintenance	87,928		5,275	Carryforward from Sch.2.4 L.24	
3	Fuels	-		-	Production - Energy	
4	Fuels-Diesel	-		-	Production - Energy	
5	Fuels-Gas Turbine	-		-	Production - Energy	
6	Power Purchases -CF(L)Co	-		-	Carryforward from Sch.4.4 L.21	
7	Power Purchases-Other	-		-	Carryforward from Sch.2.5 L.23	
	Depreciation	-		-		
8	Expense Credits					
9	Sundry	(288)		(17)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
10	Building Rental Income	-		-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
11	Tax Refunds	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Suppliers' Discounts	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
13	Pole Attachments	-		-	Prorated on Distribution Poles - Sch.4.1 L.37	
14	Secondary Energy Revenues	-		-	Production - Energy	
15	Wheeling Revenues	-		-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
16	Application Fees	-		-	Accounting - Customer	
17	Meter Test Revenues	-		-	Meters - Customer	
	Total Expense Credits	(288)		(17)		
18	Subtotal Expenses	87,641		5,257		
19	Disposal Gain / Loss	-		-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20	Subtotal Revenue Requirement Ex. Return	87,641		5,257		
21	Return on Debt	-		-	Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-	Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	87,641		5,257		

Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	Description	2	3	4	5	Distribution						14	15	16	17					
						6	7		8		9					10	11	12	13	
							Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)									Secondary Lines Demand (\$)
Production		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)															
1	Diesel	20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Subtotal Production	20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-				
Transmission																				
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Distribution																				
6	Substation Structures & Equipment	2,430,420	66,299	-	-	2,364,122	-	-	-	-	-	-	-	-	-	-				
7	Land & Land Improvements	452,466	-	-	-	-	341,137	43,459	-	-	39,568	28,302	-	-	-	-				
8	Poles	9,870,601	-	-	-	-	5,708,642	1,950,944	-	-	1,010,434	1,200,581	-	-	-	-				
9	Primary Conductor & Equipment	1,361,625	-	-	-	-	1,385,161	176,464	-	-	-	-	-	-	-	-				
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
11	Transformers	1,706,981	-	-	-	-	-	-	616,220	1,090,761	-	-	-	-	-	-				
12	Secondary Conductors & Equipment	346,715	-	-	-	-	-	-	-	-	202,135	144,580	-	-	-	-				
13	Services	220,006	-	-	-	-	-	-	-	-	-	-	220,006	-	-	-				
14	Meters	517,483	-	-	-	-	-	-	-	-	-	-	-	517,483	-	-				
15	Street Lighting	328,828	-	-	-	-	-	-	-	-	-	-	-	-	328,828	-				
16	Subtotal Distribution	17,435,125	66,299	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-				
17	Subttl Prod, Trans, & Dist	38,053,864	20,685,037	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-				
18	General	3,153,661	1,876,333	-	-	142,013	446,618	130,404	37,016	65,522	75,216	82,504	13,216	42,644	19,753	222,420				
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
21	Software - General	165,343	89,876	-	-	10,272	32,305	9,432	2,677	4,739	5,441	5,968	956	2,248	1,429	-				
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
23	Total Plant	41,372,868	22,651,247	-	-	2,516,407	7,913,864	2,310,704	655,914	1,161,022	1,332,793	1,461,935	234,178	562,376	350,009	222,420				

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	18 Basis of Functional Classification
		Production	
1		Diesel	Production - Demand, Energy ratios Sch.4.1 L.8
2		Subtotal Production	
		Transmission	
3		Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Customer
4		Terminal Stations	Production, Transmission - Demand; Spec Assigned - Customer
5		Subtotal Transmission	
		Distribution	
6		Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9		Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12		Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13		Services	Services Customer
14		Meters	Meters - Customer
15		Street Lighting	Street Lighting - Customer
16		Subtotal Distribution	
17		Subttl Prod, Trans, & Dist	
18		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
19		Telecontrol - Specific	Specifically Assigned - Customer
20		Feasibility Studies	Production, Transmission - Demand
21		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22		Software - Customer Accounting	Customer Accounting
23		Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		15,033,294	15,033,294	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		15,033,294	15,033,294	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		2,440,494	9,074	-	-	2,431,420	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		334,240	-	-	-	-	32,104	-	-	-	29,229	20,907	-	-	-	-	-
8 Poles		3,308,260	-	-	-	-	1,913,326	653,884	-	-	338,660	402,390	-	-	-	-	-
9 Primary Conductor & Equipment		524,157	-	-	-	-	464,927	59,230	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		917,847	-	-	-	-	-	-	331,343	586,505	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		120,694	-	-	-	-	-	-	-	-	70,365	50,329	-	-	-	-	-
13 Services		54,609	-	-	-	-	-	-	-	-	-	-	54,609	-	-	-	-
14 Meters		365,361	-	-	-	-	-	-	-	-	-	-	-	365,361	-	-	-
15 Street Lighting		207,035	-	-	-	-	-	-	-	-	-	-	-	-	207,035	-	-
16 Subtotal Distribution		8,272,698	9,074	-	-	2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035	-	-
17 Subtl Prod, Trans, & Dist		23,305,992	15,042,368	-	-	2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035	-	-
18 General		1,218,691	725,085	-	-	54,879	172,590	50,393	14,305	25,320	29,066	31,883	5,107	16,479	7,633	85,951	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		162,163	104,665	-	-	16,918	18,301	5,185	2,305	4,081	3,049	3,295	380	2,542	1,441	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Net Book Value		24,686,846	15,872,117	-	-	2,503,217	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup

Functional Classification of Operating & Maintenance Expense

Line No.	Description	2	3	4	5	Distribution						13	14	15	16	17	
						Production Demand (\$)	Transmission Demand (\$)	Substations Demand (\$)		Primary Lines Demand (\$)							Line Transformers Demand (\$)
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Customer (\$)	Line Transformers Demand (\$)	Secondary Lines Customer (\$)	Secondary Lines Demand (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lightin Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1	Diesel	822,932	822,932	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Other	13,430	13,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	836,362	836,362	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
8	Other	453,948	1,779	-	-	63,436	199,500	58,250	29,268	16,535	33,598	36,854	5,903	-	8,823	-	-
9	Meters	19,049	-	-	-	-	-	-	-	-	-	-	-	19,049	-	-	-
10	Subtotal Distribution	472,997	1,779	-	-	63,436	199,500	58,250	29,268	16,535	33,598	36,854	5,903	19,049	8,823	-	-
11	Subtltl Prod, Trans, & Dist	1,309,359	838,141	-	-	63,436	199,500	58,250	29,268	16,535	33,598	36,854	5,903	19,049	8,823	-	-
12	Customer Accounting	99,353	-	-	-	-	-	-	-	-	-	-	-	-	-	99,353	-
Administrative & General:																	
Plant-Related:																	
13	Production	40,074	40,074	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution	45,672	174	-	-	6,193	19,476	5,687	2,857	1,614	3,280	3,598	576	1,356	861	-	-
16	Prod, Trans, Distn Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Prod, Trans, Distn & General Plt	3,364	1,842	-	-	205	643	188	94	53	108	119	19	46	28	18	-
18	Property Insurance	35,075	30,201	-	-	3,355	598	175	88	50	101	110	18	57	26	298	-
Revenue Related:																	
19	Municipal Tax	87,928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	PUB Assessment	5,275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	All Expense-Related	601,806	358,056	-	-	27,100	85,227	24,885	12,503	7,064	14,353	15,744	2,522	8,138	3,769	42,444	-
Prod, Trans, and Distn Expense-																	
22	Related	10,486	6,713	-	-	508	1,598	467	234	132	269	295	47	153	71	-	-
23	Subtotal Admin & General	829,680	437,059	-	-	37,360	107,542	31,400	15,777	8,913	18,111	19,866	3,182	9,749	4,756	42,760	-
Total Operating & Maintenance Expenses																	
24		2,238,392	1,275,200	-	-	100,796	307,043	89,651	45,045	25,448	51,710	56,720	9,086	28,797	13,580	142,113	-

Schedule 2.4D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

L'Anse au Loup

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	18		19		20	
		Municipal Tax	Revenue Related	PUB Assessment	Basis of Functional Classification		
	Production						
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8		
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8		
3	Subtotal Production	-	-	-			
	Transmission						
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3		
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4		
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5		
7	Subtotal Transmission	-	-	-			
	Distribution						
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16, less L. 14		
9	Meters	-	-	-	Meters - Customer		
10	Subtotal Distribution	-	-	-			
11	Subttl Prod, Trans, & Dist	-	-	-			
12	Customer Accounting	-	-	-	Accounting - Customer		
	Administrative & General:						
	Plant-Related:						
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2		
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5		
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16		
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17		
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23		
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19		
	Revenue Related:						
19	Municipal Tax	87,928	-	-	Revenue-related		
20	PUB Assessment	-	5,275	-	Revenue-related		
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12		
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11		
23	Subtotal Admin & General	87,928	-	5,275			
24	Total Operating & Maintenance Expenses	87,928	-	5,275			

Line No.	Description	1	2	3	4	5	Distribution										16	17							
							Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightlin Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
											Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)			Customer (\$)	Demand (\$)					
Production																									
1	Diesel		831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
2	Subtotal Production		831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Transmission																									
3	Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
4	Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
5	Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Distribution																									
6	Substation Structures & Equipment		27,473	296	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
7	Land & Land Improvements		7,258	-	-	5,472	697	-	-	-	635	454	-	-	-	-	-	-							
8	Poles		229,935	-	-	132,982	45,447	-	-	-	23,538	27,967	-	-	-	-	-	-							
9	Primary Conductor & Equipment		21,388	-	-	18,971	2,417	-	-	-	-	-	-	-	-	-	-	-							
10	Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11	Transformers		47,675	-	-	-	-	-	17,211	30,464	-	-	-	-	-	-	-	-							
12	Secondary Conductors & Equipment		4,672	-	-	-	-	-	-	-	2,724	1,948	-	-	-	-	-	-							
13	Services		3,309	-	-	-	-	-	-	-	-	-	3,309	-	-	-	-	-							
14	Meters		27,371	-	-	-	-	-	-	-	-	-	-	27,371	-	-	-	-							
15	Street Lighting		17,756	-	-	-	-	-	-	-	-	-	-	-	17,756	-	-	-							
16	Subtotal Distribution		386,836	296	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-	-							
Subtotal Prod Tran & Dist																									
17			1,218,208	831,669	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-	-							
General																									
18	General		154,920	92,173	-	6,976	21,940	6,406	1,818	3,219	3,695	4,053	649	2,095	970	10,926	-	-							
19	Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
20	GEC and AFUDC		4,499	3,071	-	100	581	179	64	112	99	112	12	101	66	-	-	-							
21	Software - General		42,606	29,087	-	950	5,506	1,698	602	1,065	941	1,062	116	957	621	-	-	-							
22	Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
23	Total Depreciation Expense		1,420,232	955,999	-	35,204	185,452	56,845	19,694	34,861	31,631	35,597	4,086	30,524	19,412	10,926	-	-							

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base

Line No.	Description	2	3	4	5	Distribution										15	16	Specifically Assigned Customer (\$)				
						Substations		Primary Lines		Line Transformers		Secondary Lines		Services					Meters		Street Lightin	
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)
1	Average Net Book Value	24,686,846	15,872,117	-	-	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-						
2	Cash Working Capital	16,039	10,312	-	-	1,826	520	226	400	306	331	39	250	140	56	-						
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Fuel Inventory - Diesel	93,674	-	93,674	-	-	-	-	-	-	-	-	-	-	-	-						
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6	Inventory/Supplies	473,133	259,036	-	-	28,777	26,425	7,501	13,277	15,242	16,718	2,678	6,431	4,003	2,544	-						
Deferred Charges:																						
Foreign Exchange Loss and																						
7	Regulatory Costs	1,186,580	762,898	-	-	135,599	38,490	16,724	29,604	22,608	24,456	2,889	18,475	10,387	4,131	-						
8	Retired Asset Pool	362,309	232,942	-	-	36,738	41,404	5,107	9,039	6,903	7,467	882	5,641	3,172	1,261	-						
9	Total Rate Base	26,818,581	17,137,305	93,674	-	3,090,676	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Rate Base Available for Equity Return	26,818,581	17,137,305	93,674	-	3,090,676	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
12	Return on Debt	807,239	515,833	2,820	-	80,989	93,023	26,427	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-						
13	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	16,418	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-						
14	Return on Rate Base	1,308,747	836,300	4,571	-	131,305	150,815	42,846	18,423	25,153	27,220	3,249	20,261	11,410	4,584	-						

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		Basis of Functional Classification	
1	Average Net Book Value	Sch. 2.3, L. 23	
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1	
3	Fuel Inventory - No. 6 Fuel	Production - Energy	
4	Fuel Inventory - Diesel		
5	Fuel Inventory - Gas Turbine		
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23	
7	Deferred Charges:		
8	Foreign Exchange Loss and		
9	Regulatory Costs	Prorated on Average Net Book Value, L. 1	
	Retired Asset Pool	Prorated on Average Net Book Value, L. 1	
	Total Rate Base		
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt	L.9 x Sch.1.1,p2,L.16	
13	Return on Equity	L.11 x Sch.1.1,p2,L.19	
14	Return on Rate Base		

[illegible]

Schedule 3.1D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Revenue Related		PUB	
		Municipal Tax (Prior Year (Rural Revenues)	Assessment (Prior Year (Revenues + RSP))		
Amounts					
1	1.1 Domestic Diesel	609,244	609,244		
2	1.12 Domestic All Electric	1,321,780	1,321,780		
3	2.1 GS 0-10 kW	899,489	899,489		
4	2.2 GS 10-100 kW	-	-		
5	2.3 GS 110-1,000 kVa	277,254	277,254		
6	4.1 Street and Area Lighting	18,925	18,925		
7	Total	3,126,692	3,126,692		
Ratios					
8	1.1 Domestic Diesel	0.1949	0.1949		
9	1.12 Domestic All Electric	0.4227	0.4227		
10	2.1 GS 0-10 kW	0.2877	0.2877		
11	2.2 GS 10-100 kW	-	-		
12	2.3 GS 110-1,000 kVa	0.0887	0.0887		
13	4.1 Street and Area Lighting	0.0061	0.0061		
14	Total	1.0000	1.0000		

L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service

1	2	3	4	5	Distribution								14	15	16	17		
Line No.	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightn Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Allocated Revenue Requirement Excluding Return																		
1	1.1 Domestic Diesel	1,889,747		959,029	-	33,781	113,531	48,946	11,219	29,120	19,143	30,910	2,890	13,024	-		55,547	-
2	1.1.2 Domestic All Electric	3,816,627	1,057,198	2,172,394	-	64,405	216,453	56,699	21,390	33,733	36,498	35,806	3,348	15,087	-		64,346	-
3	2.1 GS 0-10 kW	2,046,179	489,511	1,259,419	-	29,821	100,224	23,141	9,904	13,768	16,900	14,614	6,518	29,373	-		26,262	-
4	2.2 GS 10-100 kW			-	-			-	-	-	-	-	-	-	-		-	-
5	2.3 GS 110-1,000 kVa	626,992	119,082	456,772	-	7,255	24,381	778	2,409	463	4,111	491	387	1,743	-		883	-
6	4.1 Street and Area Lighting	70,204	6,731	12,687	-	410	1,378	4,498	136	2,676	232	2,841	-	32,948	5,105		-	-
7	Total	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,039	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-	-
Allocated Return on Debt and Equity																		
8	1.1 Domestic Diesel	334,557	208,230	902	-	32,694	37,551	15,643	4,587	11,906	6,263	9,938	715	4,455	-		1,674	-
9	1.1.2 Domestic All Electric	605,009	397,002	2,043	-	62,332	71,594	18,121	8,745	13,792	11,940	11,512	828	5,161	-		1,939	-
10	2.1 GS 0-10 kW	286,771	183,823	1,185	-	28,861	33,150	7,396	4,049	5,629	5,529	4,699	1,611	10,048	-		791	-
11	2.2 GS 10-100 kW			-	-	-	-	-	-	-	-	-	-	-	-		-	-
12	2.3 GS 110-1,000 kVa	63,877	44,718	430	-	7,021	8,064	249	985	189	1,345	158	96	596	-		27	-
13	4.1 Street and Area Lighting	18,533	2,528	12	-	397	456	1,438	56	1,094	76	913	-	11,410	154		-	-
14	Total	1,308,747	836,300	4,571	-	131,305	150,815	42,846	18,423	32,609	25,153	27,220	3,249	20,261	17,410	4,584	-	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.1 Domestic Diesel	17,077	1,024		
2	1.12 Domestic All Electric	37,049	2,223		
3	2.1 GS 0-10 kW	25,213	1,512		
4	2.2 GS 10-100 kW	-	-		
5	2.3 GS 110-1,000 kVa	7,771	466		
6	4.1 Street and Area Lighting	530	32		
7	Total	87,641	5,257		
Allocated Return on Debt and Equity					
8	1.1 Domestic Diesel	-	-		
9	1.12 Domestic All Electric	-	-		
10	2.1 GS 0-10 kW	-	-		
11	2.2 GS 10-100 kW	-	-		
12	2.3 GS 110-1,000 kVa	-	-		
13	4.1 Street and Area Lighting	-	-		
14	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	2	3	4	5	Distribution										15	16	17							
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightn Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)					
Total Revenue Requirement																									
1	1.1 Domestic Diesel	2,224,304	762,736	959,931	-	66,474	151,082	64,589	15,806	41,025	25,406	40,847	3,604	17,480	-	57,221	-								
2	1.1.2 Domestic All Electric	4,421,637	1,454,200	2,174,437	-	126,737	288,047	74,820	30,136	47,524	48,438	47,318	4,175	20,248	-	66,285	-								
3	2.1 GS 0-10 kW	2,332,950	673,333	1,260,604	-	58,682	133,374	30,537	13,954	19,397	22,428	19,312	8,129	39,421	-	27,054	-								
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	2.3 GS 110-1,000 kVa	690,869	163,801	457,201	-	14,276	32,446	1,026	3,394	652	5,456	649	482	2,339	-	909	-								
6	4.1 Street and Area Lighting	88,737	9,259	12,699	-	807	1,834	5,936	192	3,770	308	3,754	-	44,358	5,258	-	-								
7	Total	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-								
Re-classification of Revenue-Related																									
8	1.1 Domestic Diesel	-	6,258	7,876	-	545	1,240	530	130	337	208	335	30	143	-	469	-								
9	1.1.2 Domestic All Electric	0	13,032	19,486	-	1,136	2,581	670	270	426	434	424	37	181	-	594	-								
10	2.1 GS 0-10 kW	(0)	7,803	14,608	-	680	1,546	354	162	225	260	224	94	457	-	314	-								
11	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
12	2.3 GS 110-1,000 kVa	0	1,977	5,517	-	172	392	12	41	8	66	8	6	28	-	11	-								
13	4.1 Street and Area Lighting	0	59	81	-	5	12	38	1	24	2	24	-	-	283	34	-								
14	Total	0	29,128	47,568	-	2,539	5,770	1,605	604	1,019	970	1,015	167	810	283	1,421	-								
Total Allocated Revenue Requirement																									
15	1.1 Domestic Diesel	2,224,304	768,994	987,807	-	67,020	152,322	65,119	15,936	41,362	25,615	41,182	3,634	17,623	-	57,690	-								
16	1.1.2 Domestic All Electric	4,421,637	1,467,231	2,193,923	-	127,872	290,629	75,490	30,406	47,950	48,872	47,742	4,213	20,430	-	66,879	-								
17	2.1 GS 0-10 kW	2,332,950	681,136	1,275,212	-	59,363	134,919	30,891	14,115	19,621	22,688	19,536	8,223	39,878	-	27,367	-								
18	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
19	2.3 GS 110-1,000 kVa	690,869	165,777	462,718	-	14,448	32,837	1,039	3,435	660	5,522	657	488	2,367	-	920	-								
20	4.1 Street and Area Lighting	88,737	9,318	12,740	-	812	1,846	5,973	193	3,794	310	3,778	-	44,641	5,292	-	-								
21	Total	9,758,496	3,092,457	4,912,440	-	269,514	612,552	178,512	64,086	113,387	103,008	112,398	16,558	80,298	44,641	158,148	-								

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related		Basis of Proration
		Municipal Tax (\$)	PUB Assessment (\$)	
Total Revenue Requirement				
1	1.1 Domestic Diesel	17,077	1,024	
2	1.12 Domestic All Electric	37,049	2,223	
3	2.1 GS 0-10 kW	25,213	1,512	
4	2.2 GS 10-100 kW	-	-	
5	2.3 GS 110-1,000 kVa	7,771	466	
6	4.1 Street and Area Lighting	530	32	
7	Total	87,641	5,257	
Re-classification of Revenue-Related				
8	1.1 Domestic Diesel	(17,077)	(1,024)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.
9	1.12 Domestic All Electric	(37,049)	(2,223)	
10	2.1 GS 0-10 kW	(25,213)	(1,512)	
11	2.2 GS 10-100 kW	-	-	
12	2.3 GS 110-1,000 kVa	(7,771)	(466)	
13	4.1 Street and Area Lighting	(530)	(32)	
14	Total	(87,641)	(5,257)	
Total Allocated Revenue Requirement				
15	1.1 Domestic Diesel	-	-	
16	1.12 Domestic All Electric	-	-	
17	2.1 GS 0-10 kW	-	-	
18	2.2 GS 10-100 kW	-	-	
19	2.3 GS 110-1,000 kVa	-	-	
20	4.1 Street and Area Lighting	-	-	
21	Total	-	-	

[illegible]

[illegible]

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.		System Load Factor					
		1	2	3	4	5	6
			Island Interconnected	Island Isolated	Labrador Isolated	L'Anse au Loup	Labrador Interconnected
1	Sales+Losses for System Load Factor (MWh)		7,416,874	6,022	46,089	27,047	2,810,079
2	Hours in Year		8,760	8,760	8,760	8,760	8,760
3	Average Demand (kW)		846,675	687	5,261	3,088	320,785
4	Coincident Peak at Generation (kW)		1,683,676	1,809	9,688	6,105	480,169
1	System Load Factors		50.29%	38.00%	54.30%	50.57%	66.81%

Schedule 4.3
Page 1 of 1

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Holyrood Capacity Factor

Line No.	1	2	3	4	5
	Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
1	2020 Actual	988,816,044	466	8,760	24.22%
2	2021 Actual	710,554,100	466	8,760	17.43%
3	2022 Actual	744,880,000	466	8,760	18.27%
4	2023 Actual	648,605,350	466	8,760	15.91%
5	2024 Actual	666,289,026	466	8,760	16.34%
6	5-Year Average	751,828,904	466	8,760	18.43%
7	Current Year	455,225,658	466	8,760	11.16%

SNBV1



NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

**Total System
Power Purchases**

Line No.	1	2	3	4	5	6	7	8	
		Total (\$)	Production Demand (\$)	Production & Transmission Energy (\$)	Transmission Export Demand (\$)	Transmission Network Demand (\$)	Rural Transmission Demand (\$)	Distribution Demand (\$)	Basis of Functional Classification
	Island Interconnected:								
1	DLP Secondary	0		0					Production - Energy (Same as RSP Sec Load Var)
2	AP Secondary	-		-					Production - Energy (Secondary)
3	Wheeling	960,000					960,000		Rural Transmission
4	Interruptible Demand	7,891,076	7,891,076						Production - Demand
5	Interruptible Energy	-		-					Production - Energy
6	Non-utility Generation excluding wind	36,232,222	18,012,022	18,220,200					Energy: System Load Factor
7	Wind Purchases	15,683,047	6,743,710	8,939,337					Production - Energy
8	Muskkrat Falls Generation	269,134,556	133,794,098	135,340,458					Energy: System Load Factor
9	Total Exports	(40,178,593)	(19,973,870)	(20,204,723)					Energy: System Load Factor
10	Power Purchases - LTA Costs	46,146,683	22,940,770	23,205,914	-				Energy: System Load Factor
11	Power Purchases - LIL Costs	465,082,406	231,205,096	233,877,310	-				Energy: System Load Factor
12	Tariff Revenue	(18,337,593)	(9,116,116)	(9,221,477)	-				Energy: System Load Factor
13	Recapture to the Island	-	-	-					Energy: System Load Factor
14	Rate Mitigation	(502,371,185)	(249,742,361)	(252,628,824)	-				
15	Subtotal	280,242,619	141,754,425	137,528,194	-	-	960,000	-	
	Labrador Interconnected:								
16									Energy: System Load Factor
17	CF(L)/Co	1,554,061	515,843	1,038,217					Labrador Lynx Interruptible
18	Other	-	-						
19	Subtotal	1,554,061	515,843	1,038,217	-	-	-	-	
	Isolated Systems:								
20									Production - Energy
21	Mary's Harbour	309,793		309,793					Production - Energy
22	L'Anse au Loup	4,104,300		4,104,300					Production - Energy
23	Ramea Wind	177,100	76,153	100,947					
24	Subtotal	4,591,193	76,153	4,515,040	0	0	0	0	
25	Total	286,387,873	142,346,421	143,081,452	-	-	960,000	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total System Revenue Requirement

Line No.	1	2	3	4	5	6	7	8
	Description	Total Amount (\$)	Island Interconnected (\$)	Island Isolated (\$)	Labrador Isolated (\$)	L'Anse au Loup (\$)	Labrador Interconnected (\$)	Basis of Proration
	Revenue Requirement							
	Expenses							
1	Operating, Maintenance and Admin.	156,361,556	120,418,337	5,763,854	15,269,542	2,238,392	12,671,431	Detailed Analysis
2	Fuels - No. 6 Fuel	65,010,009	65,010,009	-	-	-	-	Detailed Analysis
3	Fuels - Diesel	22,311,830	2,016,430	2,124,200	17,415,200	756,000	-	Detailed Analysis
4	Fuels - Gas Turbine	18,989,062	18,829,333	-	-	-	159,728	
5	Fuel Supply Deferral	-	-	-	-	-	-	
6	Power Purchases -CF(L)Co	1,554,061	-	-	-	-	1,554,061	Detailed Analysis
7	Power Purchases - Other	65,357,539	60,766,346	177,100	309,793	4,104,300	-	Detailed Analysis
8	Power Purchases - MF	269,134,556	269,134,556	-	-	-	-	Detailed Analysis
9	Total Exports	(40,178,593)	(40,178,593)	-	-	-	-	Detailed Analysis
10	Power Purchases - LTA Costs	46,146,683	46,146,683	-	-	-	-	Detailed Analysis
11	Power Purchases - LIL Costs	465,082,406	465,082,406	-	-	-	-	Detailed Analysis
12	Rate Mitigation	-	-	-	-	-	-	
13	Tariff Revenue	(18,337,593)	(18,337,593)	-	-	-	-	Detailed Analysis
14	Depreciation	114,921,995	100,512,135	1,117,417	5,466,481	1,420,232	6,405,729	Detailed Analysis
	Expense Credits:							
15	Sundry	(511,404)	(393,846)	(18,852)	(49,941)	(7,321)	(41,444)	Total O&M Expenses
16	Greenhouse Gas Carbon Credits	(1,250,000)	(1,250,000)	-	-	-	-	Detailed Analysis
17	Building Rental Income	(6,000)	(6,000)	-	-	-	-	Detailed Analysis
18	Tax Refunds	-	-	-	-	-	-	Total O&M Expenses
19	Suppliers' Discounts	-	-	-	-	-	-	Total O&M Expenses
20	Pole Attachments	(1,635,600)	(1,196,656)	(20,860)	(107,593)	(61,423)	(249,068)	Detailed Analysis
21	Wheeling Revenues	-	-	-	-	-	-	Island Interconnected
22	Application Fees	(20,628)	(10,956)	(216)	(1,176)	(432)	(7,848)	Detailed Analysis
23	Meter Test Revenues	-	-	-	-	-	-	Weighted Customers
24	Total Expense Credits	(3,423,632)	(2,857,458)	(39,928)	(158,711)	(69,176)	(298,359)	
25	Subtotal Expenses	1,162,929,878	1,086,542,591	9,142,643	38,302,306	8,449,749	20,492,589	Detailed Analysis
26	Disposal Gain/Loss	-	-	-	-	-	-	
27	Subtotal Rev Req Excl Return	1,162,929,878	1,086,542,591	9,142,643	38,302,306	8,449,749	20,492,589	
28	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Rate Base
29	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Rate Base
30	Total Revenue Requirement	1,299,672,108	1,206,131,974	10,404,667	44,165,752	9,758,496	29,211,220	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System

Return on Rate Base

Line No	1	2	3	4	5	6	7	8
		Total \$	Island Interconnected \$	Island Isolated \$	Labrador Isolated \$	L'Anse au Loup \$	Labrador Interconnected \$	Basis of Proration
Rate Base:								
1	Average Net Book Value	2,404,120,916	2,102,740,030	21,518,581	95,513,749	24,686,846	159,661,709	Schedule 2.3
2	Cash Working Capital	1,562,000	1,366,187	13,981	62,057	16,039	103,735	Prorated on Average Net Book Value - L. 1
3	Cash Working Capital - Muskrat Falls	115,124,000	115,124,000	-	-	-	-	Detailed Analysis
4	Fuel Inventory - No. 6 Fuel	53,963,965	53,963,965	-	-	-	-	Specifically Assigned - Holyrood
5	Fuel Inventory - Diesel	6,181,464	180,546	206,653	5,700,591	93,674	-	Detailed Fuel Analysis
6	Fuel Inventory - Gas Turbine	7,883,571	7,763,006	-	-	-	120,566	Detailed Fuel Analysis
7	Inventory/Supplies	44,722,000	39,481,123	217,603	1,653,208	473,133	2,896,934	Prorated on Total Plant in Service, Schedule 2.2
8	Deferred Charges: Muskrat Falls	47,775	47,775	-	-	-	-	Detailed Analysis
9	Deferred Charges: Foreign Exchange Loss							
10	and Regulatory Costs	115,554,722	101,068,768	1,034,296	4,590,894	1,186,580	7,674,183	Prorated on Average Net Book Value - L. 1
	Retired Asset Pool	52,934,464	28,866,724	2,870,021	12,632,077	362,309	8,203,333	Assigned by System
11	Total Rate Base	<u>2,802,094,876</u>	<u>2,450,602,123</u>	<u>25,861,135</u>	<u>120,152,576</u>	<u>26,818,581</u>	<u>178,660,460</u>	
12	Less: Rural Portion	-	-	-	-	-	-	Schedule 2.6, L. 11
13	Rate Base Available for Equity Return	<u>2,802,094,876</u>	<u>2,450,602,123</u>	<u>25,861,135</u>	<u>120,152,576</u>	<u>26,818,581</u>	<u>178,660,460</u>	
Corporate Targets:								
14	Capital Structure: Percent of Debt	74.50% ⁽¹⁾						
15	Return	4.05%						
16	Weighted Average Return: Debt	<u>3.01%</u>						
17	Capital Structure: Percent of Equity	21.75% ⁽¹⁾						
18	Return	8.60%						
19	Weighted Average Return: Equity	<u>1.87%</u>						
20	Weighted Average Cost of Capital	<u>4.88%</u>						
Return on Rate Base by System (%):								
21	Return on Rate Base - Debt Component	-	3.01%	3.01%	3.01%	3.01%	3.01%	
22	Return on Rate Base - Equity Component	-	1.87%	1.87%	1.87%	1.87%	1.87%	
Return on Rate Base (\$):								
23	Return on Debt	84,343,056	73,763,124	778,420	3,616,593	807,239	5,377,680	Schedule 2.6, L.13
24	Return on Equity	52,399,174	45,826,260	483,603	2,246,853	501,507	3,340,951	Schedule 2.6, L.14
25	Return on Rate Base (\$)	<u>136,742,230</u>	<u>119,589,384</u>	<u>1,262,023</u>	<u>5,863,446</u>	<u>1,308,747</u>	<u>8,718,630</u>	Schedule 2.6, L.15
Return on Total Rate Base (%):								
26	Return on Rate Base - Debt Component	3.01%	3.01%	3.01%	3.01%	3.01%	3.01%	L. 23 divided by L.11
27	Return on Rate Base - Equity Component	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	L. 24 divided by L.11
28	Return on Rate Base (%)	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	<u>4.88%</u>	L. 25 divided by L.11

⁽¹⁾ Debt and equity weightings reflect a 0.74% funded ARO and 3.01% component for Employee Future Benefits at 0% cost.

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

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		1,105,485,438	1,011,097,757	-	94,385,499	1,105,483,256	
2	RSP Activity		-	-	-	-	-	
3	Subtotal Newfoundland Power		1,105,485,438	1,011,097,757	-	94,385,499	1,105,483,256	1.09
4	Island Industrial		76,435,066	76,432,984	-	-	76,432,984	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	-	1,870,633	21,909,653	1.09
Rural Deficit Areas								
9	Island Interconnected		68,909,058	118,601,233	-	(49,692,175)	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	182,929,619	-	(96,256,132)	86,673,487	0.47
15	Total		1,299,697,237	1,299,671,580	-	-	1,299,671,580	1.00

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Interconnected

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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)		
1	Island Interconnected							
1	Newfoundland Power		1,105,485,438	1,011,097,757	-	94,385,499	1,105,483,256	
2	NLP RSP Activity		-				-	
3	Subtotal Newfoundland Power		1,105,485,438	1,011,097,757	-	94,385,499	1,105,483,256	1.09
4	Industrial - Firm		76,435,066	76,432,984	-		76,432,984	
5	Industrial - Non-Firm		-	-	-		-	
6	Industrial RSP Activity		-				-	
7	Subtotal Industrial		76,435,066	76,432,984	-	-	76,432,984	1.00
8	Unallocated RSP Hydraulic Variation		-					
9	Rural							
9	1.1 Domestic		18,788,948	37,125,666	-	(18,336,719)	18,788,948	0.51
10	1.12 Domestic All Electric		23,929,645	42,553,336	-	(18,623,691)	23,929,645	0.56
11	1.3 Special		21,704	119,259	-	(97,555)	21,704	0.18
12	2.1 General Service 0-100 kW		12,084,583	18,605,432	-	(6,520,848)	12,084,583	0.65
13	2.3 General Service 110-1,000 kVa		7,645,700	11,431,846	-	(3,786,146)	7,645,700	0.67
14	2.4 General Service Over 1,000 kVa		5,260,869	7,140,547	-	(1,879,678)	5,260,869	0.74
15	4.1 Street and Area Lighting		1,177,608	1,625,147	-	(447,539)	1,177,608	0.72
16	Subtotal Rural		68,909,058	118,601,233	-	(49,692,175)	68,909,058	0.58
17	Total Island Interconnected		1,250,829,562	1,206,131,974	-	44,693,324	1,250,825,298	1.04

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Island Isolated								
1	1.2 Domestic Diesel		809,510	7,704,844		(6,895,334)	809,510	0.11
2	1.2G Government Domestic Diesel		-	55,464		(55,464)	-	-
3	1.23 Churches, Schools & Com Halls		54,843	367,319		(312,476)	54,843	0.15
4	2.1 General Service 0-10 kW		285,054	823,425		(538,370)	285,054	0.35
5	2.2 GS 10-100 kW		535,299	1,290,296		(754,997)	535,299	0.41
6	2.3 GS 110-1,000 kVa		-	-		-	-	-
7	2.4 General Service Over 1,000 kVa		-	-		-	-	-
8	4.1 Street and Area Lighting		26,859	163,053		(136,195)	26,859	0.16
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		1,717,949	10,404,402		(8,686,453)	1,717,949	0.17

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
Labrador Isolated								
1	1.2 Domestic Diesel		4,669,502	25,171,515		(20,502,013)	4,669,502	0.19
2	1.2G Government Domestic Diesel		945,104	894,393		50,711	945,104	1.06
3	1.23 Churches, Schools & Com Halls		328,742	1,337,649		(1,008,907)	328,742	0.25
4	2.1 General Service 0-10 kW		1,505,530	3,692,362		(2,186,832)	1,505,530	0.41
5	2.2 GS 10-100 kW		3,760,679	9,555,598		(5,794,920)	3,760,679	0.39
6	2.3 GS 110-1,000 kVa		364,087	1,830,407		(1,466,319)	364,087	0.20
7	2.4 General Service Over 1,000 kVa		245,160	1,373,675		(1,128,515)	245,160	0.18
8	4.1 Street and Area Lighting		144,155	309,889		(165,734)	144,155	0.47
9	4.1G Gov't Street and Area Lighting		6,384	-		6,384	6,384	-
10	Total		11,969,343	44,165,488		(32,196,145)	11,969,343	0.27

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
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 Credit	Deficit	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
L'Anse au Loup								
1	1.1 Domestic		828,511	2,224,304		(1,395,792)	828,511	0.37
2	1.12 Domestic All Electric		1,782,547	4,421,637		(2,639,090)	1,782,547	0.40
3	2.1 General Service 0-100 kW		1,046,118	2,332,950		(1,286,832)	1,046,118	0.45
4	2.2 General Service 10-100 kW		-	-		-	-	-
5	2.3 General Service 110-1,000 kVa		354,037	690,869		(336,832)	354,037	0.51
6	4.1 Street and Area Lighting		65,923	88,737		(22,814)	65,923	0.74
7	Total L'Anse Au Loup		4,077,137	9,758,496		(5,681,359)	4,077,137	0.42

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
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 Credit	Deficit Allocation	Revenue Requirement After Deficit and Revenue Credit Allocation (Col.3+4+5) (\$)	Revenue to Cost Coverage (Col.2/3)
			(\$)	(\$)	(\$)	(\$)	(\$)	
1	Labrador Interconnected							
1	Labrador Industrial Firm		9,171,998	9,172,200	-	-	9,172,200	1.00
2	Labrador Industrial Non-Firm		-	-	-	-	-	-
3	Subtotal Industrial		9,171,998	9,172,200	-	-	9,172,200	
4	CFB - Goose Bay Secondary		-	-	-	-	-	-
5	Rural							
5	1.1 Domestic		104,601	206,448	-	19,271.79	225,719	0.46
6	1.1A Domestic All Electric		11,621,732	12,172,687	-	1,136,315	13,309,002	0.87
7	2.1 General Service 0-10 kW		297,862	302,668	-	28,254	330,922	0.90
8	2.2 General Service 10-100 kW		2,454,188	1,963,429	-	183,285	2,146,714	1.14
9	2.3 General Service 110-1,000 kVa		4,196,072	2,864,082	-	267,361	3,131,443	1.34
10	2.4 General Service Over 1,000 kVa		2,863,986	2,090,121	-	195,112	2,285,233	1.25
11	4.1 Street and Area Lighting		392,808	439,585	-	41,035	480,620	0.82
12	Subtotal Rural		21,931,248	20,039,020	-	1,870,633	21,909,653	
13	Total Labrador Interconnected		31,103,246	29,211,220	-	1,870,633	31,081,853	

2

↙

1 Rural Deficit Classified

2 Allocated Totals

Island Interconnected:

3 Newfoundland Power

4 Rural Labrador Interconnected

5 Total

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation					
		Demand Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Non-Demand Demand & Energy (\$/kWh)	Customer (\$/Bill)
1	Island Interconnected	32.71	-	0.07340	-	228,471.58	35.76	-	0.08025	-	249,799.30
2		28.29	-	0.07341	-	5,735.45	28.29	-	0.07341	-	5,735.45
3		-	-	-	-	-	-	-	-	-	-
4	Rural										
5	1.1 Domestic	-	0.20944	0.08072	0.29016	40.25	-	-	-	-	-
6	1.12 Domestic All Electric	-	0.18052	0.08082	0.26134	40.30	-	-	-	-	-
7	1.3 Special	-	0.26406	0.08022	0.34429	40.00	-	-	-	-	-
8	2.1 General Service 0-10 kW	42.44	-	0.08106	-	59.32	-	-	-	-	-
9	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-	-	-
10	2.3 General Service 110-1,000 kVa	40.66	-	0.08080	-	77.69	-	-	-	-	-
11	2.4 General Service Over 1,000 kVa	31.11	-	0.07846	-	77.55	-	-	-	-	-
12	4.1 Street and Area Lighting	-	0.21054	0.08132	0.29186	80.38	-	-	-	-	-

0.242932862

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Unit Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation					
		Demand		Non-Demand		Demand		Non-Demand			
		Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Demand (\$/kW)	Non-Demand (\$/kWh)	Energy (\$/kWh)	Demand & Energy (\$/kWh)		
		2	3	4	5	6	7	8	9	10	11
Isolated Systems:											
1	1.2 Domestic Diesel	-	0.40411	0.70486	1.10897	59.48					
2	2.1 General Service 0-10 kW	-	0.28507	0.70790	0.99296	60.91					
3	2.2 GS 10-100 kW	70.74	-	0.70018	-	74.94					
4	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-	92.09					
5	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-	92.10					
6	Subtotal Metered Demand Classes	57.16	-	0.69628	-	75.82					
7	4.1 Street and Area Lighting	-	0.41845	0.71159	1.13004	125.84					
Island Isolated											
8	1.2 Domestic Diesel	-	0.93339	0.81837	1.75176	98.56	-	-	-	-	-
9	2.1 General Service 0-10 kW	-	0.49421	0.82234	1.31655	108.37	-	-	-	-	-
10	2.2 GS 10-100 kW	176.03	-	0.82560	-	150.09	-	-	-	-	-
11	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-
12	2.4 General Service Over 1,000 kVa	-	-	-	-	-	-	-	-	-	-
13	4.1 Street and Area Lighting	-	0.88062	0.82195	1.70257	258.93	-	-	-	-	-
Labrador Isolated											
14	1.2 Domestic Diesel	-	0.31708	0.68619	1.00327	49.95	-	-	-	-	-
15	2.1 General Service 0-10 kW	-	0.25281	0.69024	0.94305	53.23	-	-	-	-	-
16	2.2 GS 10-100 kW	61.91	-	0.68978	-	70.62	-	-	-	-	-
17	2.3 GS 110-1,000 kVa	18.45	-	0.68590	-	92.09	-	-	-	-	-
18	2.4 General Service Over 1,000 kVa	25.89	-	0.68603	-	92.10	-	-	-	-	-
19	4.1 Street and Area Lighting	-	0.32940	0.69032	1.01972	89.05	-	-	-	-	-

Isolated Systems:

1 1.2 Domestic Diesel

2 2.1 General Service 0-10 kW

3 2.2 GS 10-100 kW

4 2.3 GS 110-1,000 kVa

5 2.4 General Service Over 1,000 kVa

6 **Subtotal Metered Demand Classes**

7 4.1 Street and Area Lighting

Island Isolated

8 1.2 Domestic Diesel

9 2.1 General Service 0-10 kW

10 2.2 GS 10-100 kW

11 2.3 GS 110-1,000 kVa

12 2.4 General Service Over 1,000 kVa

13 4.1 Street and Area Lighting

Labrador Isolated

14 1.2 Domestic Diesel

15 2.1 General Service 0-10 kW

16 2.2 GS 10-100 kW

17 2.3 GS 110-1,000 kVa

18 2.4 General Service Over 1,000 kVa

19 4.1 Street and Area Lighting

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Demand		Non-Demand		Demand		Non-Demand	
		Demand (\$/kW)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)	Demand (\$/kW)	Energy (\$/kWh)	Demand & Energy (\$/kWh)	Customer (\$/Bill)
L'Anse au Loup									
1	1.1 Domestic	-	0.20909	0.19648	0.40557	-	-	-	-
2	1.12 Domestic All Electric	-	0.17611	0.19663	0.37274	-	-	-	-
3	2.1 General Service 0-10 kW	39.65	-	0.19714	-	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	24.22	-	0.19724	-	-	-	-	-
6	4.1 Street and Area Lighting	-	0.19152	0.19613	0.38764	-	-	-	-
Labrador Interconnected									
7	Labrador Industrial - Firm	2.40	-	-	-	2.40	-	-	-
8	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-
9	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-
Rural									
10	1.1 Domestic	-	0.02547	0.00153	0.02700	-	0.02785	0.00167	0.02952
11	1.1A Domestic All Electric	-	0.02181	0.00155	0.02336	-	0.02385	0.00169	0.02554
12	Subtotal Domestic	-	0.02184	0.00155	0.02338	-	0.02387	0.00169	0.02557
13	2.1 General Service 0-10 kW	-	0.01650	0.00156	0.01806	-	0.01804	0.00171	0.01975
14	2.2 General Service 10-100 kW	5.33	-	0.00156	-	5.83	-	0.00170	-
15	2.3 General Service 110-1,000 kVa	5.43	-	0.00156	-	5.94	-	0.00171	-
16	2.4 General Service Over 1,000 kVa	7.81	-	0.00154	-	8.54	-	0.00168	-
17	4.1 Street and Area Lighting	-	0.02190	0.00154	0.02344	-	0.02394	0.00169	0.02563

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation			After Deficit and Revenue Credit Allocation		
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Energy (\$)
1	Island Interconnected	1,011,097,757	566,899,138	441,456,959	2,741,659	1,105,483,256	482,666,758
2		76,432,984	30,992,712	45,027,319	412,953	76,432,984	45,027,319
3		-	-	-	-	-	-
4	Rural	37,125,666	22,790,216	8,784,137	5,551,313	-	-
5		42,553,336	26,483,405	11,856,556	4,213,376	-	-
6		119,259	91,102	27,677	480	-	-
7		18,605,432	10,535,687	5,904,535	2,165,210	-	-
8		-	-	-	-	-	-
9		11,431,846	6,953,883	4,400,116	77,847	-	-
10		7,140,547	3,972,702	3,160,401	7,445	-	-
11		1,625,147	437,259	168,880	1,019,008	-	-
12	Subtotal Rural	118,601,233	71,264,254	34,302,302	13,034,678		
13	Total Island Interconnected	1,206,131,974	669,156,104	520,786,581	16,189,289		

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Total Demand, Energy & Customer Amounts

Line No.	Rate Class	Before Deficit and Revenue Credit Allocation				After Deficit and Revenue Credit Allocation			
		Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)	Total (\$)	Demand (\$)	Energy (\$)	Customer (\$)
L'Anse au Loup									
1	1.1 Domestic	2,224,304	1,029,886	967,807	226,610	-	-	-	-
2	1.12 Domestic All Electric	4,421,637	1,965,011	2,193,923	262,703	-	-	-	-
3	2.1 General Service 0-10 kW	2,332,950	912,221	1,275,212	145,517	-	-	-	-
4	2.2 General Service 10-100 kW	-	-	-	-	-	-	-	-
5	2.3 General Service 110-1,000 kVa	690,869	222,020	462,718	6,131	-	-	-	-
6	4.1 Street and Area Lighting	88,737	12,479	12,780	63,478	-	-	-	-
7	Total L'Anse au Loup	9,758,496	4,141,617	4,912,440	704,439				
Labrador Interconnected									
8	Labrador Industrial - Firm	9,172,200	9,127,445	-	44,754	9,172,200	9,127,445	-	44,754
9	Labrador Industrial - Non-Firm	-	-	-	-	-	-	-	-
10	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-
Rural									
11	1.1 Domestic	206,448	57,902	3,472	145,073	225,719	63,307	3,796	158,616
12	1.1A Domestic All Electric	12,172,687	6,989,193	495,604	4,687,891	13,309,002	7,641,631	541,868	5,125,504
13	Subtotal Domestic	12,379,135	7,047,094	499,076	4,832,965	13,534,721	7,704,937	545,664	5,284,120
14	2.1 General Service 0-10 kW	302,668	72,906	6,891	222,871	330,922	79,712	7,534	243,675
15	2.2 General Service 10-100 kW	1,963,429	1,326,045	116,569	520,815	2,146,714	1,449,831	127,451	569,432
16	2.3 General Service 110-1,000 kVa	2,864,082	2,445,074	242,120	176,888	3,131,443	2,673,320	264,722	193,400
17	2.4 General Service Over 1,000 kVa	2,090,121	1,862,739	221,928	5,454	2,285,233	2,036,625	242,645	5,963
18	4.1 Street and Area Lighting	439,585	21,166	1,493	416,925	480,620	23,142	1,632	455,845
19	Subtotal Rural	20,039,020	12,775,026	1,088,077	6,175,917	21,909,653	13,967,568	1,189,649	6,752,436
20	Total Labrador Interconnected	29,211,220	21,902,471	1,088,077	6,220,671	31,081,853	23,095,014	1,189,649	6,797,190

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units			
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)
1	Island Interconnected				
2	Newfoundland Power	17,331,600	6,014,582	1	12
3	Industrial - Firm	1,095,600	613,371	6	72
	Industrial - Non-Firm	-	-	-	-
	Rural				
4	1.1 Domestic	-	108,816	11,494	137,927
5	1.12 Domestic All Electric	-	146,706	8,714	104,563
6	1.3 Special	-	345	1	12
7	2.1 General Service 0-10 kW	248,253	72,837	3,042	36,498
8	2.2 General Service 10-100 kW	-	-	-	-
9	2.3 General Service 110-1,000 kVa	171,006	54,457	84	1,002
10	2.4 General Service Over 1,000 kVa	127,708	40,282	8	96
11	4.1 Street and Area Lighting	-	2,077	1,057	12,678
12	Subtotal Rural	546,967	425,520	24,398	292,776
13	Total Island Interconnected	18,974,167	7,053,473	24,405	292,860

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1		2	3	4	5	
Isolated Systems:						
1	1.2 Domestic Diesel	-	30,253	2,900	33,323	
2	2.1 General Service 0-10 kW	-	4,217	449	5,394	
3	2.2 GS 10-100 kW	42,671	11,014	129	1,546	
4	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
5	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
6	Subtotal Metered Demand Classes	58,732	15,180	136	1,630	
7	4.1 Street and Area Lighting	-	209	157	1,884	
8	Total Isolated Systems	58,732	49,858	3,642	42,230	
Island Isolated						
9	1.2 Domestic Diesel	-	4,272	560	6,534	
10	2.1 General Service 0-10 kW	-	564	63	752	
11	2.2 GS 10-100 kW	3,304	843	7	84	
12	2.3 GS 110-1,000 kVa	-	-	-	-	
13	2.4 General Service Over 1,000 kVa	-	-	-	-	
14	4.1 Street and Area Lighting	-	34	34	408	
15	Total Island Isolated	3,304	5,712	663	7,778	
Labrador Isolated						
16	1.2 Domestic Diesel	-	25,980	2,340	26,789	
17	2.1 General Service 0-10 kW	-	3,653	387	4,642	
18	2.2 GS 10-100 kW	39,367	10,170	122	1,462	
19	2.3 GS 110-1,000 kVa	10,423	2,379	6	72	
20	2.4 General Service Over 1,000 kVa	5,638	1,788	1	12	
21	4.1 Street and Area Lighting	-	175	123	1,476	
22	Total Labrador Isolated	55,428	44,146	2,979	34,453	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Demands, Sales, & Number of Bills

Line No.	Rate Class	Units				
		Billing Demands (kW)	Sales (MWh)	Customers	Bills (Total No)	
1						
2						
3						
4						
5						
6						
7						
	L'Anse au Loup					
1	1.1 Domestic	-	4,926	414	4,962	
2	1.12 Domestic All Electric	-	11,158	479	5,748	
3	2.1 General Service 0-10 kW	23,004	6,468	196	2,346	
4	2.2 General Service 10-100 kW	-	-	-	-	
5	2.3 General Service 110-1,000 kVa	9,166	2,346	7	79	
6	4.1 Street and Area Lighting	-	65	38	456	
7	Total L'Anse au Loup	32,170	24,963	1,133	13,591	
	Labrador Interconnected					
8	Labrador Industrial - Firm	3,804,000	1,902,365	-	-	
9	Labrador Industrial - Non-Firm	-	-	-	-	
10	CFB - Goose Bay Secondary	-	-	-	-	
	Rural					
11	1.1 Domestic	-	2,273	316	3,786	
12	1.1A Domestic All Electric	-	320,448	10,070	120,840	
13	Subtotal Domestic	-	322,721	10,386	124,626	
14	2.1 General Service 0-10 kW	-	4,418	429	5,142	
15	2.2 General Service 10-100 kW	248,712	74,799	759	9,102	
16	2.3 General Service 110-1,000 kVa	449,945	155,037	197	2,358	
17	2.4 General Service Over 1,000 kVa	238,486	144,227	6	72	
18	4.1 Street and Area Lighting	-	967	398	4,776	
19	Subtotal Rural	937,142	702,170	12,173	146,076	
20	Total Labrador Interconnected	4,741,142	2,604,535	12,173	146,076	

Schedule 1.4
Page 1 of 1

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Rate Calculations for Newfoundland Power

Line No.	1	2	3
	Description	Amount	Source
	Newfoundland Power:		
	Demand:		
1	Rate (\$/kW/mo.)	\$5.50	
2	Billing Units (kW)	17,331,600	Sch 1.3.2, pg 1, Ln 1, Col 2
3	Demand Revenue	\$95,323,800	Ln 1 * Ln 2
	Energy (First Block):		
4	Total Revenue Requirement	\$1,105,483,256	Sch 1.2, pg 1, Ln 1, Col 6
5	Less: Demand Revenue	\$95,323,800	Ln 3
6	Less: Second Block Energy Revenue (winter)	\$138,546,777	Ln 11 * Ln 13
7	Less: Second Block Energy Revenue (non-winter)	\$51,084,861	Ln 14 * Ln 16
8	First Block Energy Revenue	<u>\$820,527,818</u>	Ln 4 - Ln 5 - Ln 6 - Ln 7
9	First Block Energy Consumed (MWh)	3,000,000	
10	Rate (¢/kWh)	27.351	Ln 8 / Ln 9
	Energy (Second Block - Winter):		
11	Energy Consumption (MWh)	1,546,626	
12	Energy Revenue (winter)	\$138,546,777	
13	Rate (¢/kWh)	8.958	
	Energy (Second Block - Non-winter):		
14	Energy Consumption (MWh)	1,467,956	
15	Energy Revenue (non-winter)	\$51,084,861	
16	Rate (¢/kWh)	3.480	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Value of Newfoundland Power Thermal Generation Credit

Line No.	1	2	3
	Description	Amount	Source
1	Island Interconnected System:		
2	Generation demand costs (\$)	560,623,656	Sch 2.1A, C. 3, Ln 31
3	Coincident peak (kW)	1,683,676	Sch 3.1A, C. 3, Ln 13
4	Generation demand costs (\$/kW)	<u>332.98</u>	Ln 2 / Ln 3
5	NP thermal generation capacity credit (kW)		
6	Gross value of credit to NP (\$)	<u>39,299</u>	(1)
		<u>13,085,781</u>	Ln 4 x Ln 5
7	Less NP's cost share:		
8	Percentage	89.00%	Sch 3.1A, C. 5, Ln 14
9	Amount (\$)	<u>(11,646,536)</u>	Ln 6 x Ln 8
10	Net value of credit to NP (\$)	<u><u>1,439,245</u></u>	Ln 6 - Ln 9
(1) NP gas turbine and diesel generation capacity (kW)		44,500	
+ System reserve		<u>1,132</u>	
NP thermal generation capacity credit (kW)		<u><u>39,299</u></u>	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Firming Up Charge

Line No.	1	2	3	4
	Description	Total	Gas Turbine	Transmission & Terminals
1	Operating & Maintenance	18,091,849	4,264,846	13,827,003
2	O&M Overhead	15,874,399	4,901,340	10,973,058
3	Depreciation	24,638,245	6,720,131	17,918,114
4	Return	40,542,173	7,359,677	33,182,497
5	Total	99,146,666	23,245,994	75,900,672
6	Capacity (kW)		248,500	1,797,100
7	Cost (\$/kW)	\$135.78	\$93.55	\$42.24
8	Transmission coincident peak ⁽¹⁾	1,435,869		
9	Newfoundland Power Sales (MWh)	6,014,582		
10	Rate (\$/kWh)	\$0.03242		

⁽¹⁾ Newfoundland Power Transmission Coincident Peak adjusted for thermal credit in compliance with PU.8(2007).

Schedule 1.7
Page 1 of 1

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Calculation of Transmission Wheeling Charge

1		2	
Line No.	Description		
1	Island Interconnected Transmission Revenue Requirement	75,818,020	
2	Transmission Energy Output (MWh)	7,089,578	
3	Rate (\$/kWh)	\$0.01069	

Schedule 2.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 PUB Assessment	21	
1	Expenses				
2	Operating & Maintenance	14,36,329	977,601		Carryforward from Sch.2.4 L.30
3	Fuels-No. 6 Fuel	-	-		Production - Demand, Energy ratios Sch.4.1 L.10
4	Fuels-Diesel	-	-		Production - Demand, Energy ratios Sch.4.1 L.12
5	Fuels-Gas Turbine	-	-		Production - Demand, Energy ratios Sch.4.1 L.11
6	Fuel Supply Deferral	-	-		
7	Power Purchases -CF(L)Co	-	-		Carryforward from Sch.4.4 L.1 - L.7
8	Power Purchases-Other	-	-		Carryforward from Sch.4.4 L.8
9	Power Purchases-MF	-	-		
10	Total Exports	-	-		
11	Power Purchases - LTA Costs	-	-		Carryforward from Sch.4.4 L.10
12	Power Purchases - LIL Costs	-	-		
13	Rate Mitigation	-	-		Carryforward from Sch.4.4 L.11
14	Tariff Revenue	-	-		Carryforward from Sch.2.5 L.42
15	Depreciation	-	-		
15	Expense Credits				
16	Sundry	(4,698)	(3,197)		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
17	Greenhouse Gas Carbon Credits	-	-		
18	Building Rental Income	-	-		Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.35
19	Tax Refunds	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
20	Suppliers' Discounts	-	-		Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.30
21	Pole Attachments	-	-		Prorated on Distribution Poles - Sch.4.1 L.37
22	Secondary Energy	-	-		Production - Energy
23	Wheeling Revenues	-	-		Transmission - Demand
24	Application Fees	-	-		Accounting - Customer
25	Meter Test Revenues	-	-		Meters - Customer
25	Total Expense Credits	(4,698)	(3,197)		
26	Subtotal Expenses	1,431,632	974,404		
27	Disposal Gain / Loss	-	-		Prorated on Total Net Book Value - Sch.2.3 L.42
28	Subtotal Revenue Requirement Ex. Return	1,431,632	974,404		
29	Return on Debt	-	-		Prorated on Rate Base - Sch.2.6 L.10
30	Return on Equity	-	-		Prorated on Rate Base - Sch.2.6 L.12
31	Total Revenue Reqmt	1,431,632	974,404		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Interconnected

1	2	3	4	5	6		7	8		9		10		11		12		13	14	15	16	17	18
					Rural Prod & Distribution			Line Transformers		Secondary Lines		Services		Street Lighting									
Production	Total	Production	Production	Transmission	Transmission	Demand	Substations	Demand	Primary Lines	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer	Specifically Assigned Customer
Description	Amount (\$)	Demand (\$)	Energy (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)
Hydraulic	1,114,924,927	554,259,464	560,665,463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Bay D'Espoir																							
2 Upper Salmon																							
3 Hinds Lake																							
4 Cat Arm																							
5 Paradise River																							
6 Granite Canal																							
7 Exploits																							
8 Star Lake																							
9 Other Hydraulic																							
10 Subtotal Hydraulic																							
11 Holyrood																							
12 Gas Turbines																							
13 Roddickton																							
14 Diesel																							
15 Subtotal Production Transmission																							
16 Lines																							
17 Terminal Stations																							
18 Term Sns - Hydraulic																							
19 Term Sns - Holyrood																							
20 Term Sns - Gas TurDsl																							
21 Term Sns - Distribution																							
22 Subtotal Term Sns																							
23 Subtotal Transmission																							
Distribution																							
24 Substations																							
25 Land & Land Improvements																							
26 Poles																							
27 Primary Conductor & Eqpt																							
28 Submarine Conductor																							
29 Transformers																							
30 Secondary Conductor&Eqpt																							
31 Services																							
32 Meters																							
33 Street Lighting																							
34 Subtotal Distribution																							
35 Subtl Prod, Trans, & Dist																							
36 General																							
37 NLSO																							
38 Telecontrol - Custmr & Spec																							
39 Feasibility Studies																							
40 Feasibility Studies - General																							
41 Software - General																							
42 Total Plant																							

Schedule 2.2A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	19
			Basis of Functional Classification
		Production	
		Hydraulic	
1		Bay D'Espoir	Production - Demand, Energy ratios Sch.4.1 L.1
2		Upper Salmon	Production - Demand, Energy ratios Sch.4.1 L.1
3		Hinds Lake	Production - Demand, Energy ratios Sch.4.1 L.1
4		Cat Arm	Production - Demand, Energy ratios Sch.4.1 L.1
5		Paradise River	Production - Demand, Energy ratios Sch.4.1 L.1
6		Granite Canal	Production - Demand, Energy ratios Sch.4.1 L.1
7		Exploits	Production - Demand, Energy ratios Sch.4.1 L.1
8		Star Lake	Production - Demand, Energy ratios Sch.4.1 L.1
9		Other Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.1, 2
		Subtotal Hydraulic	
10		Holyrood	Production - Demand, Energy ratios Sch.4.1 L.3
11		Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.4
12		Rodrickton	Production - Demand, Energy ratios Sch.4.1 L.3
13		Diesel	Production - Demand, Energy ratios Sch.4.1 L.5
14			
15		Subtotal Production	
		Transmission	
16		Lines	Production - Demand, Energy ratios Sch.4.1 L.17 Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
17		Terminal Stations	Production - Demand, Energy subtotals, L. 16; Transmission - Demand; Spec Assigned - Custmr
18		Term Stns - Hydraulic	Production - Demand, Energy ratios Sch.4.1 L.20
19		Term Stns - Holyrood	Production - Demand, Energy ratios Sch.4.1 L.21
20		Term Stns - Gas Tur/Dsl	Production - Demand, Energy ratios Sch.4.1 L.22, 23
21		Term Stns - Distribution	Distribution - Substations Demand
22		Subtotal Term Stns	
23		Subtotal Transmission	
		Distribution	
24		Substations	Production - Demand; Dist Substns - Demand
25		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
26		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
27		Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
28		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
29		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
30		Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
31		Services	Services Customer
32		Meters	Meters - Customer
33		Street Lighting	Street Lighting - Customer
34		Subtotal Distribution	
35		Subtl Prod, Trans, & Dist	
36		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.15, 16
37			
38		Telecontrol - Custmr & Spec	Specifically Assigned - Customer
39		Feasibility Studies	Production, Transmission - Demand
40		Feasibility Studies - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
41		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.35
42		Total Plant	

NEFOUNDLAND AND LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Interconnected

Functional Classification of Net Book Value

Line No.	Description	1	2	3	4	5	6	7				10	11	12	13	14	15	16	17	18
								Rural Prod & Transmission		Distribution										
								Demand	Demand	Demand	Demand									
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)	Demand (\$)
Production																				
Hydraulic																				
1	Bay D'Espoir		817,319,522	406,311,734	411,007,788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Upper Salmon		(308,183)	(153,206)	(154,977)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hinds Lake		2,850,569	1,417,096	1,433,474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Cat Arm		(92,283)	(45,876)	(46,407)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Paradise River		(34,788)	(17,294)	(17,494)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Granite Canal		(32,689)	(16,250)	(16,438)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Exploits		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Sier Lake		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Other Small Hydraulic		264,354	131,418	132,937	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Subtotal Hydraulic		819,966,503	407,627,620	412,338,883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Holyrood		146,045,381	129,746,716	16,298,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Gas Turbines		126,292,246	126,292,246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Roddickton		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Diesel		5,172,218	5,172,218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Subtotal Production		1,097,476,348	668,838,800	428,637,548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																				
16	Lines		417,821,974	9,064,399	9,169,164	351,254,883	34,898,171	-	-	-	-	-	-	-	-	-	-	-	-	13,435,358
17	Terminal Stations		251,981,802	-	-	221,893,580	16,264,106	-	-	-	-	-	-	-	-	-	-	-	-	13,824,115
18	Term Shns - Hydraulic		31,674,087	15,746,049	15,928,038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Term Shns - Holyrood		8,652,255	7,686,664	965,592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Term Shns - Gas Tur/Dsl		354,105	354,105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Term Shns - Distribution		11,523,736	-	-	-	11,523,736	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Subtotal Term Shns		304,485,986	23,786,818	16,893,630	221,893,580	16,264,106	11,523,736	-	-	-	-	-	-	-	-	-	-	-	13,824,115
23	Subtotal Trans & Term Shns		722,007,960	32,851,217	26,062,793	573,148,463	51,162,277	11,523,736	-	-	-	-	-	-	-	-	-	-	-	27,259,474
Distribution																				
24	Substations		51,022,061	-	-	-	-	51,022,061	-	-	-	-	-	-	-	-	-	-	-	-
25	Land & Land Improvements		1,847,171	-	-	-	-	-	1,392,675	177,421	-	-	161,535	-	115,541	-	-	-	-	-
26	Poles		64,554,582	-	-	-	-	-	37,335,013	12,759,342	-	-	6,608,323	-	7,851,903	-	-	-	-	-
27	Primary Conductor & Eqpt		14,135,421	-	-	-	-	-	12,538,118	1,597,303	-	-	-	-	-	-	-	-	-	-
28	Submarine Conductor		1,560,642	-	-	-	-	-	1,560,642	-	-	-	-	-	-	-	-	-	-	-
29	Transformers		14,450,703	-	-	-	-	-	-	-	5,216,704	9,233,999	-	-	-	-	-	-	-	-
30	Secondary Conductor&Eqpt		899,951	-	-	-	-	-	-	-	-	-	524,671	-	375,280	-	-	-	-	-
31	Services		1,764,688	-	-	-	-	-	-	-	-	-	-	-	1,764,688	-	-	-	-	-
32	Meters		6,895,204	-	-	-	-	-	-	-	-	-	-	-	-	6,895,204	-	-	-	-
33	Street Lighting		2,172,511	-	-	-	-	-	-	-	-	-	-	-	-	-	2,172,511	-	-	-
34	Subtotal Distribution		159,302,933	-	-	-	-	51,022,061	52,826,448	14,534,065	5,216,704	9,233,999	7,294,530	8,342,723	1,764,688	6,895,204	2,172,511	-	-	-
35	Subtl Prod, Trans, & Dist		1,978,787,241	701,690,017	454,700,341	573,148,463	51,162,277	62,545,797	52,826,448	14,534,065	5,216,704	9,233,999	7,294,530	8,342,723	1,764,688	6,895,204	2,172,511	-	27,259,474	-
36	General		109,769,211	51,490,822	18,191,988	22,389,193	3,110,811	2,092,653	3,946,722	1,076,732	329,111	592,553	570,208	647,092	190,029	582,104	162,146	3,543,749	862,300	-
37	NLSO		596,295	211,450	137,021	172,715	15,417	18,848	15,919	4,380	1,572	2,783	2,198	2,514	532	2,078	655	-	8,214	-
38	Telecontrol - Custmr & Spec		(180,127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Feasibility Studies - General		13,768,409	4,882,362	3,163,807	3,987,969	355,987	435,194	367,567	101,128	36,298	64,250	50,755	58,049	12,279	47,977	15,116	-	-	189,672
41	Software - General		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Total Net Book Value		2,102,740,030	758,094,524	476,193,156	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,583,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	3,543,749	28,319,660	-

Island Interconnected

7 8 9 10

[illegible]

Schedule 2.4A
Page 2 of 2

NEFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Operating & Maintenance Expense (CONT'D.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		19 Municipal Tax	20 PUB Assessment	21	
1	Production				
2	Hydraulic	-	-		Prorated on Hydraulic Plant in Service - Sch.2.2 L.10
3	Holymood / Thermal	-	-		Prorated on Holymood Plant in Service - Sch.2.2 L.11
4	Roddickton	-	-		Prorated on Roddickton Plant in Service - Sch.2.2 L.13
5	Gas Turbine	-	-		Prorated on Gas Turbines Plant in Service - Sch.2.2 L.12
6	Diesel	-	-		Prorated on Diesel Plant in Service - Sch.2.2 L.14
7	Subtotal Production	-	-		Prorated on Production Plant in Service - Sch.2.2 L.15
8	Transmission				
9	Transmission Lines	-	-		Prorated on Transmission Lines Plant in Service - Sch.2.2 L.16
10	Terminal Stations	-	-		Prorated on Terminal Stations Plant in Service - Sch.2.2 L.22
11	Subtotal Transmission	-	-		Prorated on Transmission Plant in Service - Sch.2.2 L.23
12	Distribution				
13	Other	-	-		Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 34, less L. 32
14	Meters	-	-		Meters - Customer
15	Subtotal Distribution	-	-		
16	Subtotal Prod, Trans, & Dist	-	-		
17	Customer Accounting	-	-		Accounting - Customer
18	Administrative & General:				
19	Plant-Related:				
20	Production	-	-		Prorated on Production Plant in Service - Sch.2.2 L.15
21	Prod - Gas Turb & Diesel	-	-		Prorated on Gas Turbine & Diesel Production Plant in Service - Sch.2.2 L.12, 14
22	Transmission	-	-		Prorated on Transmission Plant in Service - Sch.2.2 L.23
23	Distribution	-	-		Prorated on Distribution Plant in Service - Sch.2.2 L.34
24	Prod, Trans, Distn	-	-		Prorated on Prod, Trans & Distribution Plant in Service - Sch.2.2 L.35
25	Prod, Trans, Distn and General	-	-		Prorated on Total Plant in Service, Sch. 2.2 L. 42
26	Plant	-	-		Prorated on Total Plant in Service, Sch. 2.2 L. 35 Less L. 10 and L. 11
27	Prod, Trans, Distn, Excl Hydraulic & Holymood	-	-		Prorated on Prod., Trans. Terminal, Dist. Sub & General Plant in Service - Sch.2.2 L.15, 22, 24, 36 - 38
28	Property Insurance	-	-		
29	Revenue-Related:				
30	Municipal Tax	1,436,329	-		Revenue-related
31	PUB Assessment	-	977,601		Revenue-related
32	All Expense-Related	-	-		Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L. 15, 16
33	Prod, Trans, and Distn Expense-Related	-	-		Prorated on Subtotal Production, Transmission, Distribution Expenses - L. 15
34	Subtotal Admin & General	-	-		
35	Subtotal Admin & General	1,436,329	977,601		
36	Total Operating & Maintenance Expenses	1,436,329	977,601		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected

Line No.	Description	Functional Classification of Depreciation Expense																		
		2	3	4	5	6	7	Primary Lines			Line Transformers			Secondary Lines		15	16	17	18	
								Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Rural Prod & Transmission Demand (\$)	Distribution Substations Demand (\$)	Demand (\$)	Customer (\$)					Demand (\$)
Production Hydraulic																				
1	Bay D'Espoir	18,997,665	9,444,255	9,553,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Upper Salmon	7,435	7,325	7,410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hinds Lake	30,668	15,246	15,422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Cat Arm	5,515	2,741	2,773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Paradise River	172	85	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Granite Canal	11,636	5,785	5,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Exploits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Muskkrat Falls Sustaining	720,638	358,249	382,389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Other Small Hydraulic	3,222	1,602	1,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Subtotal Hydraulic	19,784,250	9,835,288	9,948,962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Hollyrood	31,706,547	28,168,086	3,538,451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Gas Turbines	5,751,897	5,751,897	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Roddickton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Diesel	200,824	200,824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Subtotal Production Transmission	57,443,518	43,956,105	13,487,413	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Lines	10,711,225	303,276	306,781	8,146,139	1,411,968	-	-	-	-	-	-	-	-	-	-	-	-	-	543,062
17	Terminal Stations	7,749,078	-	-	6,810,065	568,684	-	-	-	-	-	-	-	-	-	-	-	-	-	370,329
18	Term Shns - Hydrolic	930,929	462,790	468,139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Term Shns - Hollyrood	396,428	352,187	44,241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Term Shns - Gas TurDsl	9,923	9,923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Term Shns - Distribution	381,353	-	-	-	-	381,353	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Subtotal Term Shns	9,467,711	824,900	512,380	6,810,065	568,684	381,353	-	-	-	-	-	-	-	-	-	-	-	-	370,329
23	Subtotal Transmission	20,178,936	1,128,176	819,161	14,956,204	1,980,652	381,353	-	-	-	-	-	-	-	-	-	-	-	-	913,390
Distribution																				
24	Substations	1,291,292	-	-	-	-	1,291,292	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Land & Land Improvements	43,713	-	-	-	-	-	32,958	4,199	-	-	3,823	2,734	-	-	-	-	-	-	-
26	Poles	4,179,458	-	-	-	-	-	2,417,181	826,078	-	-	427,843	508,356	-	-	-	-	-	-	-
27	Primary Conductor & Eqpt	547,959	-	-	-	-	-	486,039	61,919	-	-	-	-	-	-	-	-	-	-	-
28	Submarine Conductor	178,060	-	-	-	-	-	178,060	-	-	-	-	-	-	-	-	-	-	-	-
29	Transformers	761,905	-	-	-	-	-	-	-	275,048	486,857	-	-	-	-	-	-	-	-	-
30	Secondary Conductor&Eqpt	42,305	-	-	-	-	-	-	-	-	-	24,664	17,641	-	-	-	-	-	-	-
31	Services	116,962	-	-	-	-	-	-	-	-	-	-	-	116,962	-	-	-	-	-	-
32	Meters	516,551	-	-	-	-	-	-	-	-	-	-	-	-	516,551	-	-	-	-	-
33	Street Lighting	207,811	-	-	-	-	-	-	-	-	-	-	-	-	-	207,811	-	-	-	-
34	Subtotal Distribution	7,886,016	-	-	-	-	1,291,292	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-	-
35	Subtl Prod, Trans, & Dist	85,508,470	45,084,281	14,306,574	14,956,204	1,980,652	1,672,645	3,114,238	892,196	275,048	486,857	456,329	528,731	116,962	516,551	207,811	-	-	-	913,390
36	General	11,618,932	5,450,288	1,925,616	2,389,889	329,278	221,507	417,759	113,972	34,836	61,663	60,356	68,494	20,114	61,615	17,163	375,105	-	-	91,274
37	NLSC	10,963	5,780	1,834	1,917	254	214	399	114	35	62	59	68	15	66	27	-	-	-	117
38	Telecontrol - Cusmr & Spec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	GEC and AFUDC	383,174	202,028	64,110	67,021	8,876	7,485	13,955	3,998	1,233	2,182	2,045	2,389	524	2,315	931	-	-	-	4,093
41	Software - General	2,990,596	1,576,789	500,362	523,082	69,272	58,500	108,918	31,204	9,620	17,027	15,960	18,492	4,091	18,066	7,268	-	-	-	31,945
42	Total Depreciation Expense	100,512,135	52,319,167	16,798,496	17,918,114	2,388,332	1,960,361	3,655,270	1,041,484	320,771	567,792	534,749	618,155	141,706	598,613	233,200	375,105	-	-	1,040,820

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base

Line No.	Description	2	3	4	5	6	7		8	9		10		11	12		13	14	15	16	17	18
							Distribution Substations Demand (\$)	Demand (\$)		Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)		Secondary Lines Demand (\$)	Customer (\$)						
1	Average Net Book Value	2,102,740,030	758,094,524	476,193,156	599,698,339	54,644,492	65,092,492	57,156,656	15,716,306	5,583,684	9,883,585	7,917,691	9,050,378	1,967,527	7,527,362	2,350,429	3,543,749	28,319,660				
Cash Working Capital (Including Muskkrat Falls)																						
2	Muskkrat Falls	116,490,187	41,997,856	26,380,736	33,222,829	3,027,263	3,606,074	3,166,435	870,671	309,332	547,543	438,634	501,384	108,999	417,010	130,212	196,321	1,568,887				
3	Fuel Inventory - No. 6 Fuel	53,963,965	-	53,963,965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	180,546	180,546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	7,763,006	7,763,006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	39,481,123	15,246,674	8,016,131	9,990,619	1,500,760	785,820	1,566,930	427,485	130,664	231,286	226,384	256,909	75,445	126,407	64,375	86,271	748,965				
7	Deferred Charges: Muskkrat Falls	47,775	42,443	5,332	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Foreign Exchange Loss and Unearned Unrecovered																						
8	Regulatory Costs	101,068,768	36,438,018	22,888,353	28,824,663	2,626,502	3,128,688	2,747,250	755,408	268,381	475,057	380,566	435,009	94,570	361,805	112,974	170,331	1,361,192				
9	Retired Asset Pool	28,866,724	10,407,233	6,537,250	8,232,747	750,168	893,599	784,655	215,756	76,654	135,683	108,695	124,245	27,010	103,337	32,267	48,649	388,776				
10	Total Rate Base	2,450,602,123	870,170,300	593,984,922	679,969,197	62,549,186	73,506,673	65,421,926	17,985,626	6,368,715	11,273,154	9,071,971	10,367,924	2,273,552	8,535,921	2,690,257	4,045,320	32,387,481				
11	Less: Rural Asset Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rate Base Available for Equity Return																						
12	Return on Debt	73,763,124	26,192,126	17,878,946	20,467,073	1,882,730	2,212,551	1,969,200	541,367	191,698	339,322	273,066	312,075	68,434	256,931	80,977	121,764	974,863				
13	Return on Equity	45,826,260	16,272,185	11,107,518	12,715,424	1,169,670	1,374,575	1,223,390	336,331	119,095	210,808	169,646	193,880	42,515	159,622	50,308	75,647	605,646				
14	Return on Rate Base	119,589,384	42,464,311	28,986,464	33,182,497	3,052,400	3,587,126	3,192,590	877,699	310,793	550,130	442,712	505,955	110,949	416,553	131,285	197,412	1,580,509				

Schedule 26A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	1	19	Basis of Functional Classification
1	Average Net Book Value		Sch. 2.3 , L. 42	
2	Cash Working Capital (Including Muskrat F. Prorated on Average Net Book Value, L. 1			
3	Fuel Inventory - No. 6 Fuel		Production - Demand, Energy ratios Sch.4.1 L.10	
4	Fuel Inventory - Diesel		Production - Demand, Energy ratios Sch.4.1 L.12	
5	Fuel Inventory - Gas Turbine		Production - Demand, Energy ratios Sch.4.1 L.11	
6	Inventory/Supplies		Prorated on Total Plant in Service, Sch. 2.2, L. 42	
7	Deferred Charges: Muskrat Falls Deferred Charges: Foreign Exchange Loss and Regulatory Costs		Production - Demand, Energy ratios Sch.4.1 L.3	
8	Retired Asset Pool		Prorated on Average Net Book Value, L. 1	
9	Total Rate Base		Prorated on Average Net Book Value, L. 1	
10				
11	Less: Rural Asset Portion		N/A	
12	Rate Base Available for Equity Return			
13	Return on Debt		L.10 x Sch.1.1 p2 L.16	
14	Return on Equity		L.12 x Sch.1.1 p2 L.19	
15	Return on Rate Base			

Ratios Excluding Return on Equity

Schedule 3.1A
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	19		20	
		Revenue Related		PUB	
		Municipal Tax (Prior Year (Rural Revenues)		Assessment (Prior Year (Revenues + RSP)	
Amounts					
1	Newfoundland Power	-		484,507,755	
2	Industrial - Firm	-		43,914,366	
3	Industrial - Non-Firm	-		-	
Rural					
4	1.1 Domestic	13,704,053		13,704,053	
5	1.12 Domestic All Electric	17,350,913		17,350,913	
6	1.3 Special	19,223		19,223	
7	2.1 GS 0-10 kW	9,465,475		9,465,475	
8	2.2 GS 10-100 kW	-		-	
9	2.3 GS 110-1,000 kVa	6,141,548		6,141,548	
10	2.4 GS Over 1,000 kVa	3,400,344		3,400,344	
11	4.1 Street and Area Lighting	993,685		993,685	
12	Subtotal Rural	51,075,241		51,075,241	
13	Total	51,075,241		579,497,362	
Ratios Excluding Return on Equity					
14	Newfoundland Power	-		0.8361	
15	Industrial - Firm	-		0.0758	
16	Industrial - Non-Firm	-		-	
Rural					
17	1.1 Domestic	0.2683		0.0236	
18	1.12 Domestic All Electric	0.3397		0.0299	
19	1.3 Special	0.0004		0.0000	
20	2.1 GS 0-10 kW	0.1853		0.0163	
21	2.2 GS 10-100 kW	-		-	
22	2.3 GS 110-1,000 kVa	0.1202		0.0106	
23	2.4 GS Over 1,000 kVa	0.0666		0.0059	
24	4.1 Street and Area Lighting	0.0195		0.0017	
25	Subtotal Rural	1.0000		0.0681	
26	Total	1.0000		1.0000	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		19	20
		Municipal Tax	PUB Assessment (\$)
1	Allocated Rev Reqmt Excl Return		
2	Newfoundland Power	-	814,682
3	Industrial - Firm	-	73,840
	Industrial - Non-Firm	-	-
	Rural		
4	1.1 Domestic	384,123	23,043
5	1.12 Domestic All Electric	486,344	29,175
6	1.3 Special	539	32
7	2.1 GS 0-10 kW	265,316	15,916
8	2.2 GS 10-100 kW	-	-
9	2.3 GS 110-1,000 kVa	172,147	10,327
10	2.4 GS Over 1,000 kVa	95,311	5,718
11	4.1 Street and Area Lighting	27,853	1,671
12	Subtotal Rural	1,431,632	85,881
13	Total	1,431,632	974,404
	Allocated Return on Debt		
14	Newfoundland Power	-	-
15	Industrial - Firm	-	-
16	Industrial - Non-Firm	-	-
	Rural		
17	1.1 Domestic	-	-
18	1.12 Domestic All Electric	-	-
19	1.3 Special	-	-
20	2.1 GS 0-10 kW	-	-
21	2.2 GS 10-100 kW	-	-
22	2.3 GS 110-1,000 kVa	-	-
23	2.4 GS Over 1,000 kVa	-	-
24	4.1 Street and Area Lighting	-	-
25	Subtotal Rural	-	-
26	Total	-	-
	Allocated Return on Equity		
27	Newfoundland Power	-	-
28	Industrial - Firm	-	-
29	Industrial - Non-Firm	-	-
	Rural		
30	1.1 Domestic	-	-
31	1.12 Domestic All Electric	-	-
32	1.3 Special	-	-
33	2.1 GS 0-10 kW	-	-
34	2.2 GS 10-100 kW	-	-
35	2.3 GS 110-1,000 kVa	-	-
36	2.4 GS Over 1,000 kVa	-	-
37	4.1 Street and Area Lighting	-	-
38	Subtotal Rural	-	-
39	Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	1	2	3	4	5	6	7		8		9		10		11		12		13		14		15		16	17	18
								Distribution		Primary Lines		Line Transformers		Secondary Lines		Services		Meters		Street Lighting		Accounting						
			Total Amount	Production Demand	Production Energy	Transmission Demand	Rural Prod & Transmission Demand	Substations Demand	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer	Demand	Customer		
			(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
40	Newfoundland Power		1,011,097,757	498,963,223	441,011,260	67,479,142																					2,739,450	
41	Industrial - Firm		76,432,984	27,274,238	44,983,819	3,688,533																					412,554	
42	Industrial - Non-Firm																											
Rural																												
43	1.1 Domestic		37,125,666	10,999,157	8,687,799	1,487,512	3,158,534	2,561,745	3,479,163	1,399,461	341,774	854,933	512,386	825,647	155,455	525,761											1,729,173	
44	1.12 Domestic All Electric		42,553,336	12,766,758	11,712,918	1,726,560	3,666,121	2,973,426	4,038,276	1,060,941	396,699	648,130	594,728	625,929	117,851	398,583											1,310,898	
45	1.3 Special		119,259	44,243	27,545	5,983	12,705	10,304	13,994	122	1,375	74	2,061	72	14	46											150	
46	2.1 GS 0-10 kW		18,605,432	5,063,472	5,815,284	684,777	1,454,034	1,179,302	1,601,636	370,324	157,336	226,231	235,877	218,482	196,225	663,649											457,572	
47	2.2 GS 10-100 kW																											
48	2.3 GS 110-1,000 kVA		11,431,846	3,348,406	4,329,882	452,834	961,533	779,856	1,059,140	10,167	96,478	6,211	144,639	5,998	9,508	32,158											12,562	
49	2.4 GS Over 1,000 kVA		7,140,547	1,954,663	3,115,685	264,346	561,304	455,248	618,283	974	25,068	595	37,582	575	911	3,081											1,204	
50	4.1 Street and Area Lighting		1,625,147	209,496	165,812	28,332	60,159	48,792	66,266	128,636	6,510	78,584	9,769	75,892		558,441											158,943	
51	Subtotal Rural		118,601,233	34,386,195	33,854,926	4,650,345	9,874,391	8,008,674	10,876,758	2,970,625	1,025,239	1,814,759	1,537,032	1,752,595	479,963	1,623,277	558,441	3,670,502										
52	Total		1,206,131,974	560,623,656	519,940,005	75,818,020	9,874,391	8,008,674	10,876,758	2,970,625	1,025,239	1,814,759	1,537,032	1,752,595	479,963	1,623,277	558,441	3,670,502	3,152,004									
Re-classification of Revenue-Related																												
53	Newfoundland Power				355,700	54,414																					2,209	
54	Industrial - Firm				26,375	43,500	3,567																				399	
55	Industrial - Non-Firm																											
Rural																												
56	1.1 Domestic				121,968	16,495	35,024	28,407	38,580	15,518	3,790	9,480	5,682	9,155	1,724	5,830											19,175	
57	1.12 Domestic All Electric				156,561	143,638	21,173	44,958	49,522	13,011	4,865	7,948	7,293	7,676	1,445	4,888											16,076	
58	1.3 Special				0	133	61	50	67	1	7	0	10	0	0	0											1	
59	2.1 GS 0-10 kW				77,712	89,250	10,510	22,316	24,581	5,684	2,415	3,472	3,620	3,353	3,012	10,185											7,023	
60	2.2 GS 10-100 kW																											
61	2.3 GS 110-1,000 kVA				54,314	70,234	7,345	15,597	17,180	165	1,565	101	2,346	97	154	522											204	
62	2.4 GS Over 1,000 kVA				28,053	44,715	3,794	8,056	8,873	14	360	9	539	8	13	44											17	
63	4.1 Street and Area Lighting				3,876	3,068	524	1,113	1,226	2,380	120	1,454	181	1,404		10,333											2,941	
64	Subtotal Rural		0	442,697	447,376	59,870	127,125	103,106	140,030	36,772	13,121	22,464	19,671	21,695	6,348	21,469	10,333	45,436										
65	Total		0	871,430	846,575	117,851	127,125	103,106	140,030	36,772	13,121	22,464	19,671	21,695	6,348	21,469	10,333	45,436	2,608									
Total Allocated Revenue Requirement																												
66	Newfoundland Power		1,011,097,757	499,385,582	441,456,959	67,533,557																					2,741,659	
67	Industrial - Firm		76,432,984	27,300,612	45,027,319	3,692,100																					412,953	
68	Industrial - Non-Firm																											
Rural																												
69	1.1 Domestic		37,125,666	11,121,125	8,784,137	1,504,007	3,193,559	2,590,152	3,517,743	1,414,980	345,564	864,413	518,068	834,803	157,178	531,591											1,748,348	
70	1.12 Domestic All Electric		42,553,336	12,923,320	11,856,556	1,747,733	3,711,080	3,009,890	4,087,798	1,073,952	401,564	656,079	602,021	633,605	119,296	403,471											1,326,974	
71	1.3 Special		119,259	44,456	27,677	6,012	12,766	10,354	14,062	122	1,381	75	2,071	72	14	46											151	
72	2.1 GS 0-10 kW		18,605,432	5,141,184	5,904,535	695,287	1,476,350	1,197,401	1,626,217	376,007	159,751	229,703	239,497	221,835	199,236	673,834											464,594	
73	2.2 GS 10-100 kW																											
74	2.3 GS 110-1,000 kVA		11,431,846	3,402,720	4,400,116	460,179	977,130	792,506	1,076,320	10,332	98,043	6,312	146,985	6,095	9,663	32,680											12,766	
75	2.4 GS Over 1,000 kVA		7,140,547	1,982,716	3,160,401	268,140	569,360	461,782	627,156	988	25,428	604	38,121	583	924	3,125											1,221	
76	4.1 Street and Area Lighting		1,625,147	213,373	168,880	28,856	61,272	49,695	67,492	131,016	6,630	80,038	9,940	77,296		568,773											161,884	
77	Subtotal Rural		118,601,233	34,828,892	34,302,302	4,710,214	10,001,516	8,111,779	11,016,788	3,007,397	1,038,361	1,837,223	1,556,703	1,774,289	486,311	1,644,746	568,773	3,715,937										
78	Total		1,206,131,974	561,495,086	520,786,581	75,935,871	10,001,516	8,111,779	11,016,788	3,007,397	1,038,361	1,837,223	1,556,703	1,774,289	486,311	1,644,746	568,773	3,715,937	3,154,612									

Schedule 3.2A
Page 4 of 4

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

	19	20
	Revenue Related	
Line No.	Municipal Tax (\$)	PUB Assessment (\$)
		Basis of Proration
Total Revenue Requirement		
40 Newfoundland Power	-	814,682
41 Industrial - Firm	-	73,840
42 Industrial - Non-Firm	-	-
Rural		
43 1.1 Domestic	384,123	23,043
44 1.12 Domestic-All Electric	486,344	29,175
45 1.3 Special	539	32
46 2.1 GS 0-10 kW	265,316	15,916
47 2.2 GS 10-100 kW	-	-
48 2.3 GS 110-1,000 kVa	172,147	10,327
49 2.4 GS Over 1,000 kVa	95,311	5,718
50 4.1 Street and Area Lighting	27,853	1,671
51 Subtotal Rural	1,431,632	85,881
52 Total	1,431,632	974,404
Re-classification of Revenue-Related		
53 Newfoundland Power	-	(814,682)
54 Industrial - Firm	-	(73,840)
55 Industrial - Non-Firm	-	-
Rural		
56 1.1 Domestic	(384,123)	(23,043)
57 1.12 Domestic-All Electric	(486,344)	(29,175)
58 1.3 Special	(539)	(32)
59 2.1 GS 0-10 kW	(265,316)	(15,916)
60 2.2 GS 10-100 kW	-	-
61 2.3 GS 110-1,000 kVa	(172,147)	(10,327)
62 2.4 GS Over 1,000 kVa	(95,311)	(5,718)
63 4.1 Street and Area Lighting	(27,853)	(1,671)
64 Subtotal Rural	(1,431,632)	(85,881)
65 Total	(1,431,632)	(974,404)
Total Allocated Revenue Requirement		
66 Newfoundland Power	-	-
67 Industrial - Firm	-	-
68 Industrial - Non-Firm	-	-
Rural		
69 1.1 Domestic	-	-
70 1.12 Domestic-All Electric	-	-
71 1.3 Special	-	-
72 2.1 GS 0-10 kW	-	-
73 2.2 GS 10-100 kW	-	-
74 2.3 GS 110-1,000 kVa	-	-
75 2.4 GS Over 1,000 kVa	-	-
76 4.1 Street and Area Lighting	-	-
77 Subtotal Rural	-	-
78 Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Interconnected
Allocation of Specifically Assigned Amounts to Classes of Service

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Description		Total Amount (\$)	Transmission Lines (\$)(Plant)	Transmission Terminals (\$)(Plant)	OM&A General (\$)(C3 & C4)	Administrative & General (\$)(C3 & C4)	Other (\$)(C3 & C4)	Transmission Lines (\$)(Direct)	Transmission Terminals (\$)(Direct)	Depreciation (\$)(Direct)	Telecontrol & Feasibility Study (\$)(Direct)	General (\$)(Exp C3,4,6)	Rental Income (\$)(Plant)	Expense Credits Other (\$)(C6)	Gains/Losses (\$)(NBV)	Subtotal Excluding Return (\$)	Return on Debt (\$)(NBV)	Return on Equity (\$)(NBV)	Subtotal Excl Rev Related (\$)	Revenue Related (\$)
Basis of Allocation - Amounts																				
Newfoundland Power Industrial																				
1		28,117,625	14,054,941		42,172,565	42,172,565	42,172,565	-	-	-	-	391,617	42,172,565	42,172,565	24,396,729	-	24,396,729	24,396,729	-	-
2	Vale		668,081	3,422,177	4,090,259	4,090,259	4,090,259	-	-	-	-	86,509	4,090,259	4,090,259	2,197,177	-	2,197,177	2,197,177	-	-
3	Corner Brook P&P - CB		-	16,570	16,570	16,570	16,570	-	-	-	-	3,679	16,570	16,570	(4,394)	-	2,197,177	(4,394)	-	-
4	Corner Brook P&P - DL		-	56,030	56,030	56,030	56,030	-	-	-	-	-	56,030	56,030	11,326	-	11,326	(11,326)	-	-
5	North Atlantic Refining Limited		-	1,820,569	1,820,569	1,820,569	1,820,569	-	-	-	-	34,958	1,820,569	1,820,569	658,707	-	658,707	658,707	-	-
6	Teck Resources		4,534,363	947,903	5,482,265	5,482,265	5,482,265	-	-	-	-	8,049	5,482,265	5,482,265	(72)	-	(72)	(72)	-	-
7	Marathon Gold		7,347,720	2,357,740	9,705,459	9,705,459	9,705,459	-	-	-	-	7,723	9,705,459	9,705,459	0	-	0	0	-	-
8	Subtotal Industrial		12,550,164	8,620,989	21,171,152	21,171,152	21,171,152	-	-	-	-	140,918	21,171,152	21,171,152	2,862,745	-	2,862,745	2,862,745	-	-
9	Total		40,667,788	22,675,929	63,343,717	63,343,717	63,343,717	-	-	-	-	532,535	63,343,717	63,343,717	27,259,474	-	27,259,474	27,259,474	-	-
Basis of Allocation - Ratios																				
Newfoundland Power Industrial																				
10			0.6914	0.6198	0.6658	0.6658	0.6658	-	-	-	-	0.7354	0.6658	0.6658	0.8950	-	0.8950	0.8950	-	-
11	Vale		0.0164	0.1509	0.0646	0.0646	0.0646	-	-	-	-	0.1624	0.0646	0.0646	0.0806	-	0.0806	0.0806	-	-
12	Corner Brook P&P - CB		-	0.0007	0.0003	0.0003	0.0003	-	-	-	-	0.0069	0.0003	0.0003	(0.0002)	-	(0.0002)	(0.0002)	-	-
13	Corner Brook P&P - DL		-	0.0025	0.0009	0.0009	0.0009	-	-	-	-	-	0.0009	0.0009	0.0004	-	0.0004	0.0004	-	-
14	North Atlantic Refining Ltd.		-	0.0803	0.0287	0.0287	0.0287	-	-	-	-	0.0656	0.0287	0.0287	0.0242	-	0.0242	0.0242	-	-
15	Teck Resources		0.1115	0.0418	0.0865	0.0865	0.0865	-	-	-	-	0.0151	0.0865	0.0865	(0.0000)	-	(0.0000)	(0.0000)	-	-
16	Marathon Gold		0.1807	0.1040	0.1532	0.1532	0.1532	-	-	-	-	0.0145	0.1532	0.1532	0.0000	-	0.0000	0.0000	-	-
17	Subtotal Industrial		0.3086	0.3802	0.3342	0.3342	0.3342	-	-	-	-	0.2646	0.3342	0.3342	0.1050	-	0.1050	0.1050	-	-
18	Total		1.0000	1.0000	1.0000	1.0000	1.0000	-	-	-	-	1.0000	1.0000	1.0000	1.0000	-	1.0000	1.0000	-	-
Amounts Allocated																				
Newfoundland Power Industrial																				
19		2,741,659	-	227,683	-	163,934	536,015	304,821	-	-	-	93,709	(79)	(1,160)	-	1,324,923	872,485	542,042	2,739,450	2,209
20	Vale		-	50,296	-	36,214	7,047	43,021	-	-	-	20,701	(8)	(112)	-	157,157	78,576	48,816	284,550	275
21	Corner Brook P&P - CB		4,556	2,139	-	1,540	-	247	-	-	-	880	(0)	(0)	-	4,807	(157)	(98)	4,552	4
22	Corner Brook P&P - DL		1,261	-	-	-	-	605	-	-	-	-	(0)	(2)	-	603	405	252	1,260	1
23	North Atlantic Refining Ltd.		103,073	20,324	-	14,634	-	21,512	-	-	-	8,365	(3)	(50)	-	64,782	23,557	14,635	102,974	100
24	Teck Resources		9,942	4,679	-	3,369	-	123	-	-	-	1,926	(10)	(151)	-	9,937	(3)	(2)	9,933	10
25	Marathon Gold		9,295	4,490	-	3,233	(0)	-	-	-	-	267	(18)	(251)	-	9,286	0	0	9,286	9
26	Subtotal Industrial		315,412	81,929	-	58,990	7,047	65,508	-	-	-	33,720	(40)	(582)	-	246,571	102,379	63,604	412,554	399
27	Total		2,741,659	309,611	-	222,924	543,062	370,329	-	-	-	127,430	(119)	(1,742)	-	1,571,495	974,863	605,646	3,152,004	2,608

NEWFOUNDLAND AND LABRADOR HYDRO																	
2027 Test Year Cost of Service Study																	
Functional Classification of Revenue Requirement																	
Line No.	Description	1	2	3	4	5	Distribution						15	16	17		
							Substations		Primary Lines		Line Transformers					Secondary Lines	
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Specifically Assigned Customer (\$)	
Expenses																	
1	Operating & Maintenance		12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	286,694	96,441	1,787,728
2	Fuels		-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,171
3	Fuels-Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuels-Gas Turbine		159,728	159,728	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Power Purchases-CF(L)/Co		1,554,061	515,843	1,038,217	-	-	-	-	-	-	-	-	-	-	-	-
6	Power Purchases-Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Depreciation		6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	386,338	161,496	184,765	44,474	272,690	91,199	164,902
Expense Credits																	
8	Sundry		(41,444)	(3,291)	(164)	(15,304)	(2,566)	(4,743)	(1,362)	(1,068)	(1,890)	(752)	(838)	(288)	(938)	(315)	(5,847)
9	Building Rental Income		-	-	-	-	-	-	-	-	-	-	-	-	-	-	(99)
10	Tax Refunds		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Suppliers' Discounts		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Pole Attachments		(249,068)	-	-	-	-	(144,048)	(49,229)	-	-	(25,497)	(30,295)	-	-	-	-
13	Secondary Energy Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Wheeling Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Application Fees		(7,846)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Meter Test Revenues		-	-	-	-	-	-	-	-	-	-	-	-	-	(7,848)	-
17	Total Expense Credits		(298,359)	(3,291)	(164)	(15,304)	(2,566)	(148,790)	(50,591)	(1,068)	(1,890)	(26,248)	(31,132)	(288)	(938)	(315)	(13,695)
18	Subtotal Expenses		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935
19	Disposal Gain / Loss		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal Revenue Requirement Ex. Return		20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935
21	Return on Debt		5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249
22	Return on Equity		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128
23	Total Revenue Requirement		29,211,220	2,762,341	1,088,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	750,929	248,403	2,059,313

Schedule 2.1E
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	Revenue Related			Basis of Functional Classification
		18 Municipal Tax	19 PUB Assessment	20	
1	Expenses				
2	Operating & Maintenance	571,245	34,268	Carryforward from Sch.2.4 L.24	
3	Fuels	-	-	-	
4	Fuels-Diesel	-	-	-	Production - Demand
5	Fuels-Gas Turbine	-	-	-	Production - Demand
6	Power Purchases -CF(L)Co	-	-	-	Carryforward from Sch.4.4 L.17
7	Power Purchases-Other	-	-	-	Carryforward from Sch.4.4 L.18
	Depreciation	-	-	-	Carryforward from Sch.2.5 L.24
8	Expense Credits				
9	Sundry	(1,868)	(112)	(112)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24
10	Building Rental Income	-	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.18
11	Tax Refunds	-	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24
12	Suppliers' Discounts	-	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24
13	Pole Attachments	-	-	-	Prorated on Distribution Poles - Sch.4.1 L.37
14	Secondary Energy Revenues	-	-	-	Production - Energy
15	Wheeling Revenues	-	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16
16	Application Fees	-	-	-	Accounting - Customer
17	Meter Test Revenues	-	-	-	Meters - Customer
	Total Expense Credits	(1,868)	(112)		
18	Subtotal Expenses	569,376	34,156		
19	Disposal Gain / Loss	-	-	-	Prorated on Total Net Book Value - Sch.2.3 L.24
20	Subtotal Revenue Requirement Ex. Return	569,376	34,156		
21	Return on Debt	-	-	-	Prorated on Rate Base - Sch.2.6 L.9
22	Return on Equity	-	-	-	Prorated on Rate Base - Sch.2.6 L.11
23	Total Revenue Requirement	569,376	34,156		

NEWFOUNDLAND AND LABRADOR HYDRO																				
2027 Test Year Cost of Service Study																				
Labrador Interconnected																				
Functional Classification of Plant in Service for the Allocation of O&M Expense																				
Line No.	Description	1	2	3	4	5	6			7			8			13	14	15	16	17
							Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)					
Production																				
1	Gas Turbines		28,768,434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Diesel		3,370,355	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production		32,138,789	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																				
4	Lines		4,560,341	-	-	4,560,341	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations		94,319,120	-	-	71,206,182	20,082,084	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Subtotal Transmission		98,879,461	-	-	75,766,523	20,082,084	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																				
7	Substations		12,569,787	-	-	-	12,569,787	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Land & Land Improvements		1,261,995	-	-	-	-	-	-	-	-	110,362	78,938	-	-	-	-	-	-	-
9	Poles		43,568,475	-	-	-	-	-	-	-	-	4,460,018	5,299,321	-	-	-	-	-	-	-
10	Primary Conductor & Eopt		7,376,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Submarine Conductor		620,108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Transformers		20,778,264	-	-	-	-	-	-	-	-	13,277,311	-	-	-	-	-	-	-	-
13	Secondary Conductor&Eopt		1,215,205	-	-	-	-	-	-	-	-	708,464	506,740	-	-	-	-	-	-	-
14	Services		2,020,790	-	-	-	-	-	-	-	-	-	-	2,020,790	-	-	-	-	-	-
15	Meters		4,544,442	-	-	-	-	-	-	-	-	-	-	-	-	4,544,442	-	-	-	-
16	Street Lighting		2,215,553	-	-	-	-	-	-	-	-	-	-	-	-	-	2,215,553	-	-	-
17	Subtotal Distribution		96,170,968	-	-	-	12,569,787	33,312,150	9,566,138	7,500,953	13,277,311	5,278,844	5,884,999	2,020,790	4,544,442	2,215,553	-	-	-	-
18	Subtl Prod, Trans, & Dist		227,189,218	32,138,789	-	75,766,523	32,651,871	33,312,150	9,566,138	7,500,953	13,277,311	5,278,844	5,884,999	2,020,790	4,544,442	2,215,553	-	-	3,030,854	-
19	General		25,144,749	1,664,749	-	10,311,823	1,291,113	2,838,804	815,210	639,218	1,131,470	449,854	501,509	172,208	606,044	188,806	4,424,635	-	109,306	-
20	Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Software - General		987,134	139,643	-	329,204	141,872	144,741	41,565	32,592	57,690	22,936	25,570	8,780	19,746	9,627	-	-	13,169	-
23	Software - Cust Acting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Total Plant		253,321,102	33,943,181	-	86,407,551	34,084,855	36,295,695	10,422,913	8,172,763	14,466,470	5,751,634	6,412,079	2,201,779	5,170,232	2,413,985	4,424,635	-	3,153,329	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONT'D.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Gas Turbines	Production - Demand, Energy ratios Sch.4.1 L.9
2	Diesel	Production - Demand, Energy ratios Sch.4.1 L.9
3	Subtotal Production	
	Transmission	
4	Lines	Production, Transmission - Demand, Distribution - Primary Demand; Spec Assigned - Custrmr
5	Terminal Stations	Production, Transmission - Demand, Spec Assigned - Custrmr
6	Subtotal Transmission	
	Distribution	
7	Substations	Production - Demand; Dist Substns - Demand
8	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
9	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
10	Primary Conductor & Eqpt	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
11	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
12	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
13	Secondary Conductor&Eqpt	Secondary - Demand, Customer - zero intercept ratios Sch. 4.1 L.41
14	Services	Services Customer
15	Meters	Meters - Customer
16	Street Lighting	Street Lighting - Customer
17	Subtotal Distribution	
18	Subttl Prod, Trans, & Dist	
19	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
20	Telecontrol - Specific	Specifically Assigned - Customer
21	Feasibility Studies	Production, Transmission - Demand
22	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.18
23	Software - Cust Acctg	
24	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Net Book Value

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Line No.	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
							Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Production																	
1	Gas Turbines	10,673,663	10,673,663	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Diesel	384,172	384,172	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	11,057,835	11,057,835	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
4	Lines	3,536,019	-	-	3,536,019	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	86,402,412	-	-	73,946,857	12,394,404	-	-	-	-	-	-	-	-	-	-	-
6	Subtotal Transmission	89,938,431	-	-	77,482,876	12,394,404	-	-	-	-	-	-	-	-	-	-	61,151
Distribution																	
7	Substations	9,162,491	-	-	-	9,162,491	-	-	-	-	-	-	-	-	-	-	-
8	Land & Land Improvements	602,147	-	-	-	-	453,989	57,836	-	-	52,658	-	-	-	-	-	-
9	Poles	17,476,092	-	-	-	-	10,107,263	3,454,184	-	-	1,788,993	2,125,652	-	-	-	-	-
10	Primary Conductor & Eqpt	3,429,399	-	-	-	-	3,041,877	387,522	-	-	-	-	-	-	-	-	-
11	Submarine Conductor	71,524	-	-	-	-	71,524	-	-	-	-	-	-	-	-	-	-
12	Transformers	9,301,909	-	-	-	-	-	-	5,943,920	-	-	-	-	-	-	-	-
13	Secondary Conductor&Eqpt	322,268	-	-	-	-	-	-	-	187,882	134,386	-	-	-	-	-	-
14	Services	580,745	-	-	-	-	-	-	-	-	-	580,745	-	-	-	-	-
15	Meters	3,208,535	-	-	-	-	-	-	-	-	-	-	3,208,535	-	-	-	-
16	Street Lighting	1,011,870	-	-	-	-	-	-	-	-	-	-	-	1,011,870	-	-	-
17	Subtotal Distribution	45,166,980	-	-	-	9,162,491	13,674,652	3,899,543	3,357,989	5,943,920	2,029,533	2,297,702	580,745	3,208,535	1,011,870	-	-
18	Subtltl Prod, Trans, & Dist	146,163,246	11,057,835	-	77,482,876	21,556,895	13,674,652	3,899,543	3,357,989	5,943,920	2,029,533	2,297,702	580,745	3,208,535	1,011,870	-	61,151
19	General	12,481,459	826,355	-	5,118,627	640,888	1,409,138	404,657	317,298	561,644	223,300	248,941	85,481	300,831	93,720	2,196,319	54,258
20	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Software - General	1,017,004	76,940	-	539,126	149,993	95,148	27,133	23,365	41,358	14,121	15,987	4,041	22,325	7,041	-	425
23	Software - Cust Acting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Total Net Book Value	159,661,709	11,961,131	-	83,140,629	22,347,776	15,178,938	4,331,333	3,698,652	6,546,921	2,266,954	2,562,631	670,268	3,531,691	1,112,631	2,196,319	115,834

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Labrador Interconnected
Functional Classification of Operating & Maintenance Expense

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																		
1	Gas Turbine / Diesel	443,265	443,265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Other	16,244	16,244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	459,509	459,509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																		
4	Transmission Lines	2,626,439	-	-	2,626,439	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	210,591	-	-	143,351	40,429	-	-	-	-	-	-	-	-	-	-	-	26,812
6	Other	100,147	-	-	76,509	20,279	-	-	-	-	-	-	-	-	-	-	-	3,359
7	Subtotal Transmission	2,937,178	-	-	2,846,299	60,708	-	-	-	-	-	-	-	-	-	-	-	30,171
Distribution																		
8	Other	2,155,257	-	-	-	295,669	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	52,115	-	-	-
9	Meters	167,282	-	-	-	-	-	-	-	-	-	-	-	-	167,282	-	-	-
10	Subtotal Distribution	2,322,539	-	-	-	295,669	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	167,282	52,115	-	-
11	Subtl Prod, Trans, & Dist	5,719,226	459,509	-	2,846,299	356,377	783,575	225,017	176,439	312,311	124,170	138,428	47,533	-	167,282	52,115	-	30,171
Customer Accounting																		
12	Conservation and Demand Management	1,221,301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,221,301	-
Administrative & General:																		
Plant-Related:																		
13	Production	180,309	180,309	-	-	53,507	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission	255,382	-	-	201,874	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution	611,761	-	-	-	79,959	211,905	60,852	47,715	84,459	33,580	37,436	12,855	-	28,908	14,094	-	-
16	Prod, Trans, Distn Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Prod, Trans, Distn & General Plt	634,360	86,071	-	219,107	86,430	92,036	26,430	20,724	36,683	14,585	16,259	5,583	13,110	6,121	11,220	-	-
18	Property Insurance	214,760	45,082	-	108,716	45,268	3,786	1,087	852	1,509	600	669	230	808	252	5,901	-	-
Revenue-Related:																		
19	Municipal Tax	571,245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	PUB Assessment	34,268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	All Expense-Related	3,108,085	206,674	-	1,280,186	160,288	352,430	101,206	79,357	140,469	55,848	62,261	21,379	75,239	23,440	549,307	-	-
22	Prod, Trans & Distn Expense-Related	45,804	3,700	-	22,916	2,869	6,309	1,812	1,421	2,515	1,000	1,115	383	1,347	420	-	-	-
23	Subtotal Admin & General	5,655,974	521,835	-	1,832,800	428,322	666,466	191,387	150,069	265,635	105,612	117,739	40,429	-	119,412	44,326	566,428	-
Total Operating & Maintenance Expenses																		
24		12,671,431	1,006,216	50,059	4,679,099	784,698	1,450,041	416,403	326,508	577,947	229,782	256,167	87,963	-	286,694	96,441	1,787,728	30,171

Schedule 24E
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	18			Basis of Functional Classification	20		
		Municipal Tax	Revenue Related	PUB Assessment				
	Production							
1	Gas Turbine / Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9			
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L.9			
3	Subtotal Production	-	-	-				
	Transmission							
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.4			
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.5			
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.6			
7	Subtotal Transmission	-	-	-				
	Distribution							
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 17, less L. 15			
9	Meters	-	-	-	Meters - Customer			
10	Subtotal Distribution	-	-	-				
11	Subttl Prod, Trans, & Dist	-	-	-				
12	Customer Accounting Conservation and Demand Management Administrative & General:	-	-	-	Accounting - Customer			
	Plant-Related:							
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.3			
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L. 6			
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.17			
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission, Distribution Plant in Service - Sch.2.2 L. 18			
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.24			
18	Property Insurance	-	-	-	Prorated on Prod, Trans, Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.3, 5, 7, 19 - 20			
	Revenue-Related:							
19	Municipal Tax	571,245	-	-	Revenue-related			
20	PUB Assessment	-	34,268	-	Revenue-related			
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12			
22	Prod,Trans & Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11			
23	Subtotal Admin & General	571,245	34,268					
24	Total Operating & Maintenance Expenses	571,245	34,268					

NEWFOUNDLAND AND LABRADOR HYDRO																					
2027 Test Year Cost of Service Study																					
Labrador Interconnected																					
Functional Classification of Depreciation Expense																					
1	Line No.	Description	2	3	4	5	6	7						10	11	12	13	14	15	16	17
								Substations		Primary Lines		Line Transformers									
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)		Specifically Assigned Customer (\$)	
Production																					
1		Gas Turbines	323,490	323,490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2		Diesel	17,541	17,541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3		Subtotal Production	341,031	341,031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transmission																					
4		Lines	86,938	-	-	86,938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5		Terminal Stations	2,242,671	-	-	1,800,904	439,240	-	-	-	-	-	-	-	-	-	-	-	-	2,528	
6		Subtotal Transmission	2,329,609	-	-	1,887,841	439,240	-	-	-	-	-	-	-	-	-	-	-	-	2,528	
Distribution																					
7		Substations	263,747	-	-	-	263,747	-	-	-	-	-	-	-	-	-	-	-	-	-	
8		Land & Land Improvements	12,923	-	-	-	-	-	-	-	-	1,130	808	-	-	-	-	-	-	-	
9		Poles	1,241,804	-	-	-	-	-	-	-	-	718,195	245,445	-	-	-	-	-	-	-	
10		Primary Conductor & Equip	149,360	-	-	-	-	-	-	-	-	132,482	16,878	-	-	-	-	-	-	-	
11		Submarine Conductor	20,152	-	-	-	-	-	-	-	-	20,152	-	-	-	-	-	-	-	-	
12		Transformers	520,645	-	-	-	-	-	-	-	-	332,692	-	-	-	-	-	-	-	-	
13		Secondary Conductor & Equip	18,601	-	-	-	-	-	-	-	-	187,953	-	-	-	-	-	-	-	-	
14		Services	36,575	-	-	-	-	-	-	-	-	-	-	-	36,575	-	-	-	-	-	
15		Meters	240,366	-	-	-	-	-	-	-	-	-	-	-	-	240,366	-	-	-	-	
16		Street Lighting	80,886	-	-	-	-	-	-	-	-	-	-	-	-	-	80,886	-	-	-	
17		Subtotal Distribution	2,585,058	-	-	-	263,747	880,572	263,564	187,953	332,692	139,095	159,608	36,575	240,366	80,886	-	-	-	-	
18		Subtl Prod, Trans, & Dist	5,255,698	341,031	-	1,887,841	702,988	880,572	263,564	187,953	332,692	139,095	159,608	36,575	240,366	80,886	-	-	2,528	-	
19		General	937,122	62,044	-	384,312	48,119	105,800	30,382	23,823	42,169	16,766	18,691	6,418	22,587	7,037	164,902	4,074	-	-	
20		Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21		GEC and AFUDC	29,095	1,888	-	10,451	3,892	4,875	1,459	1,040	1,842	770	884	202	1,331	448	-	14	-	-	
22		Software - General	183,814	11,927	-	66,026	24,586	30,797	9,218	6,574	11,636	4,865	5,582	1,279	8,407	2,829	-	88	-	-	
23		Software - Cust Acting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24		Total Depreciation Expense	6,405,729	416,890	-	2,348,631	779,584	1,022,044	304,623	219,390	388,338	161,496	184,765	44,474	272,690	91,199	164,902	6,704	-	-	

NEWFOUNDLAND AND LABRADOR HYDRO																				
2027 Test Year Cost of Service Study																				
Labrador Interconnected																				
Functional Classification of Rate Base																				
Line No.	Description	1	2	3	4	5	6	Primary Lines				Line Transformers		Secondary Lines		13	14	15	16	17
								Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
1	Average Net Book Value		159,661,709	11,961,131	-	83,140,629	22,347,776	15,178,938	4,331,333	3,698,652	6,546,921	2,269,954	2,562,631	670,268	3,531,691	1,112,631	2,196,319			115,834
2	Cash Working Capital		103,735	7,771	-	54,018	14,520	9,862	2,814	2,403	4,254	1,473	1,665	435	2,295	723	1,427			75
3	Fuel Inventory - No. 6 Fuel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
4	Fuel Inventory - Diesel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
5	Fuel Inventory - Gas Turbine		120,566	120,566	-	-	-	-	-	-	-	-	-	-	-	-	-			-
6	Inventory/Supplies		2,896,934	388,168	-	988,141	389,788	415,071	119,195	93,462	165,436	65,775	73,327	25,179	59,126	27,606	50,599			36,061
Deerred Charges:																				
Foreign Exchange Loss and Regulatory																				
7	Costs		7,674,183	574,915	-	3,996,177	1,074,152	729,580	208,187	177,777	314,680	108,962	123,174	32,217	169,752	53,479	105,967			5,568
8	Retire Asset Pool		8,203,333	614,556	-	4,271,721	1,148,217	779,886	222,542	190,035	336,377	116,475	131,667	34,438	181,456	57,166	112,846			5,951
9	Total Rate Base		178,660,460	13,667,107	-	92,450,686	24,974,453	17,113,337	4,884,070	4,162,329	7,367,668	2,559,639	2,892,463	762,537	3,944,320	1,251,605	2,466,758			163,489
10	Less: Rural Portion		-																	
11	Rate Base Available for Equity Return		178,660,460	13,667,107	-	92,450,686	24,974,453	17,113,337	4,884,070	4,162,329	7,367,668	2,559,639	2,892,463	762,537	3,944,320	1,251,605	2,466,758			163,489
12	Return on Debt		5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249			4,921
13	Return on Equity		3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128			3,057
14	Return on Rate Base		8,718,630	666,955	-	4,511,593	1,218,753	835,131	238,343	203,122	359,542	124,910	141,152	37,212	192,483	61,078	120,378			7,978

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		1	Basis of Functional Classification
1	Average Net Book Value		Sch. 2.3, L. 24
2	Cash Working Capital		Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel		
4	Fuel Inventory - Diesel		Production - Demand
5	Fuel Inventory - Gas Turbine		Production - Demand
6	Inventory/Supplies		Prorated on Total Plant in Service, Sch. 2.2, L. 24
	Deferred Charges:		
	Foreign Exchange Loss and Regulatory		
7	Costs		Prorated on Average Net Book Value, L. 1
8	Retire Asset Pool		Prorated on Average Net Book Value, L. 1
9	Total Rate Base		
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt		L.9 x Sch.1.1,p2,L.16
13	Return on Equity		L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Basis of Allocation to Classes of Service

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Basis of Allocation to Classes of Service (CONTD.)

Line No.	1	18		19	
		Revenue Related			
		Municipal Tax (Prior Year)	PUB Assessment (Prior Year)		
		(Rural Revenues)	(Revenues + RSP)		
Amounts					
1	CFB - Goose Bay Secondary	-	-		
2	Labrador Industrial Firm	-	-		
3	Labrador Industrial Non-Firm	-	-		
Rural					
4	1.1Domestic	94,365	94,365		
5	1.1A Domestic All Electric	10,520,637	10,520,637		
6	2.1GS 0-10 kW	345,486	345,486		
7	2.2GS 10-100 kW	2,208,779	2,208,779		
8	2.3GS 110-1,000 kVa	3,539,649	3,539,649		
9	2.4GS Over 1,000 kVa	3,243,034	3,243,034		
10	4.1Street and Area Lighting	361,265	361,265		
11	Subtotal Rural	20,313,216	20,313,216		
12	Total Labrador Interconnected	20,313,216	20,313,216		
Ratios					
13	CFB - Goose Bay Secondary	-	-		
14	Labrador Industrial Firm	-	-		
15	Labrador Industrial Non-Firm	-	-		
Rural					
16	1.1Domestic	0.0046	0.0046		
17	1.1A Domestic All Electric	0.5179	0.5179		
18	2.1GS 0-10 kW	0.0170	0.0170		
19	2.2GS 10-100 kW	0.1087	0.1087		
20	2.3GS 110-1,000 kVa	0.1743	0.1743		
21	2.4GS Over 1,000 kVa	0.1597	0.1597		
22	4.1Street and Area Lighting	0.0178	0.0178		
23	Subtotal Rural	1.0000	1.0000		
24	Total Labrador Interconnected	1.0000	1.0000		
Ratios Excluding Labrador Industrial					
25	CFB - Goose Bay Secondary	-	-		
Rural					
26	1.1Domestic	0.0046	0.0046		
27	1.1A Domestic All Electric	0.5179	0.5179		
28	2.1GS 0-10 kW	0.0170	0.0170		
29	2.2GS 10-100 kW	0.1087	0.1087		
30	2.3GS 110-1,000 kVa	0.1743	0.1743		
31	2.4GS Over 1,000 kVa	0.1597	0.1597		
32	4.1Street and Area Lighting	0.0178	0.0178		
33	Subtotal Rural	1.0000	1.0000		

Labrador Interconnected

Line No.		Description	Allocation of Functionalized Amounts to Classes of Service																						
			2	3	4	5	6	Distribution										15	16	17					
								Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines				Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	
													Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)								Customer (\$)
Allocated Rev Reqmt Excl Return																									
1	CFB - Goose Bay Secondary																								
2	Labrador Industrial Firm	5,745,324	1,042,820	36,097	4,629,631	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
3	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36,776						
Rural:																									
4	1.Domestic	160,727	4,783	3,425	10,828	7,097	10,558	17,376	2,869	24,995	1,922	10,621	2,525	10,670	-	50,253	-	-	-						
5	1.1A Domestic All Electric	9,049,493	570,294	482,877	1,291,931	846,159	1,258,792	554,611	342,074	797,785	229,186	339,002	80,587	340,549	-	1,603,964	-	-	-						
6	2.1GS 0-10 kW	237,724	5,899	6,657	13,353	8,752	13,020	23,600	3,538	33,947	2,370	14,425	6,438	27,207	-	68,252	-	-	-						
7	2.2GS 10-100 kW	1,431,773	107,473	112,673	243,298	159,461	237,222	41,775	63,768	60,091	42,724	25,535	28,955	122,359	-	120,815	-	-	-						
8	2.3GS 110-1,000 kVa	2,040,373	198,390	233,230	449,115	294,356	437,900	10,823	113,001	15,569	75,709	6,616	13,241	55,954	-	31,301	-	-	-						
9	2.4GS Over 1,000 kVa	1,483,657	163,997	211,697	371,255	243,326	361,985	37,255	18,543	475	12,424	202	404	956	-	956	-	-	-						
10	4.Street and Area Lighting	343,518	1,729	1,457	3,915	2,566	3,817	21,920	1,037	31,531	695	13,399	-	187,324	63,394	-	-	-	-						
11	Subtotal Rural	14,747,265	1,052,566	1,052,016	2,382,795	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935	-	-	-						
12	Total	20,492,589	2,095,386	1,088,113	7,012,426	1,561,716	2,323,294	670,436	544,830	964,394	365,030	409,800	132,150	558,447	187,324	1,938,935	-	-	36,776						
Allocated Return on Debt																									
13	CFB - Goose Bay Secondary																								
14	Labrador Industrial Firm	2,113,708	271,595	-	1,837,193	-	-	-	-	-	-	-	-	-	-	-	-	-	4,921						
15	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
16	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Rural:																									
17	1.Domestic	28,200	635	-	4,297	3,416	2,341	3,810	660	5,748	406	2,257	439	2,268	-	1,924	-	-	-						
18	1.1A Domestic All Electric	1,926,396	75,738	-	512,324	407,298	279,094	121,613	78,661	183,454	48,373	72,022	13,997	72,400	-	61,422	-	-	-						
19	2.1GS 0-10 kW	40,058	783	-	5,299	4,213	2,887	5,175	814	7,806	500	3,065	1,118	5,784	-	2,614	-	-	-						
20	2.2GS 10-100 kW	327,927	14,273	-	96,549	76,756	52,586	9,160	14,664	13,818	9,017	5,425	5,029	26,013	-	4,626	-	-	-						
21	2.3GS 110-1,000 kVa	508,066	26,347	-	178,224	141,688	97,099	2,373	25,985	3,580	15,980	1,406	2,300	11,896	-	1,199	-	-	-						
22	2.4GS Over 1,000 kVa	374,069	21,779	-	147,326	117,125	80,258	72	4,264	109	2,622	43	70	363	-	37	-	-	-						
23	4.Street and Area Lighting	59,255	230	-	1,554	1,235	846	4,807	239	7,251	147	2,847	-	37,673	2,428	-	-	-	-						
24	Subtotal Rural	3,283,972	139,785	-	945,573	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	-	-	-						
25	Total	5,377,680	411,380	-	2,782,766	751,731	515,111	147,011	125,286	221,767	77,045	87,063	22,952	118,724	37,673	74,249	-	-	4,921						
Allocated Return on Equity																									
26	CFB - Goose Bay Secondary																								
27	Labrador Industrial Firm	1,313,168	168,732	-	1,141,379	-	-	-	-	-	-	-	-	-	-	-	-	-	3,057						
28	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
29	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Rural:																									
30	1.Domestic	17,520	395	-	2,670	2,122	1,454	2,367	410	3,571	252	1,402	272	1,409	-	1,196	-	-	-						
31	1.1A Domestic All Electric	1,196,798	47,053	-	318,288	253,039	173,391	75,554	48,869	113,973	30,052	44,745	8,696	44,979	-	38,159	-	-	-						
32	2.1GS 0-10 kW	24,886	487	-	3,292	2,617	1,793	3,215	505	4,850	311	1,904	695	3,593	-	1,624	-	-	-						
33	2.2GS 10-100 kW	203,729	8,867	-	59,982	47,686	32,676	5,691	9,110	8,585	5,602	3,124	3,370	16,161	-	2,874	-	-	-						
34	2.3GS 110-1,000 kVa	315,642	16,368	-	110,724	88,025	60,318	1,474	16,144	2,224	9,928	873	1,429	7,390	-	745	-	-	-						
35	2.4GS Over 1,000 kVa	232,395	13,531	-	91,528	72,765	49,861	45	2,649	68	1,629	27	44	226	-	23	-	-	-						
36	4.Street and Area Lighting	36,813	143	-	965	767	526	2,986	148	4,505	91	1,768	-	23,405	1,508	-	-	-	-						
37	Subtotal Rural	2,027,783	86,843	-	587,449	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128	-	-	-						
38	Total	3,340,951	255,575	-	1,728,828	467,022	320,019	91,332	77,836	137,775	47,865	54,089	14,259	73,759	23,405	46,128	-	-	3,057						

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related		
		18	19	19
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration
1	Allocated Rev Reqmt Excl Return	-	-	-
2	CFB - Goose Bay Secondary	-	-	-
3	Labrador Industrial Firm	-	-	-
	Labrador Industrial Non-Firm	-	-	-
	Rural:			
4	1.1Domestic	2,645	159	
5	1.1A Domestic All Electric	294,892	17,690	
6	2.1GS 0-10 kW	9,684	581	
7	2.2GS 10-100 kW	61,912	3,714	
8	2.3GS 110-1,000 kVa	99,216	5,952	
9	2.4GS Over 1,000 kVa	90,902	5,453	
10	4.1 Street and Area Lighting	10,126	607	
11	Subtotal Rural	569,376	34,156	
12	Total	569,376	34,156	
	Allocated Return on Debt			
13	CFB - Goose Bay Secondary	-	-	-
14	Labrador Industrial Firm	-	-	-
15	Labrador Industrial Non-Firm	-	-	-
16	MFP Construction	-	-	-
	Rural:			
17	1.1Domestic	-	-	-
18	1.1A Domestic All Electric	-	-	-
19	2.1GS 0-10 kW	-	-	-
20	2.2GS 10-100 kW	-	-	-
21	2.3GS 110-1,000 kVa	-	-	-
22	2.4GS Over 1,000 kVa	-	-	-
23	4.1 Street and Area Lighting	-	-	-
24	Subtotal Rural	-	-	-
25	Total	-	-	-
	Allocated Return on Equity			
26	CFB - Goose Bay Secondary	-	-	-
27	Labrador Industrial Firm	-	-	-
28	Labrador Industrial Non-Firm	-	-	-
29	MFP Construction	-	-	-
	Rural:			
30	1.1Domestic	-	-	-
31	1.1A Domestic All Electric	-	-	-
32	2.1GS 0-10 kW	-	-	-
33	2.2GS 10-100 kW	-	-	-
34	2.3GS 110-1,000 kVa	-	-	-
35	2.4GS Over 1,000 kVa	-	-	-
36	4.1 Street and Area Lighting	-	-	-
37	Subtotal Rural	-	-	-
38	Total	-	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service (CONT'D.)															Specifically Assigned Customer (\$)								
		Labrador Interconnected																							
		Total Revenue Requirement																							
		CFB - Goose Bay Secondary																							
Total		Production		Energy		Demand		Transmission		Substations		Primary Lines		Line Transformers		Secondary Lines		Services		Street Lighting		Accounting			
Amount (\$)		Demand (\$)		Energy (\$)		Demand (\$)		Demand (\$)		Demand (\$)		Customer (\$)		Demand (\$)		Customer (\$)		Customer (\$)		Customer (\$)		Customer (\$)		Customer (\$)	
39	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural:																									
43	1:1Domestic	206,448	5,813	3,425	17,795	12,636	14,353	23,554	3,939	34,314	2,580	3,236	14,347	-	53,373	-	-	-	-	-	-	-	-	-	
44	1:1ADomestic All Electric	12,172,687	693,085	482,877	2,121,643	1,506,496	1,711,278	751,777	469,605	1,095,213	307,611	455,769	103,279	-	1,703,545	-	-	-	-	-	-	-	-	-	
45	2:1GS0-10 kW	302,668	7,169	6,657	21,944	15,582	17,700	31,990	4,857	46,604	3,182	8,251	36,584	-	72,489	-	-	-	-	-	-	-	-	-	
46	2:2GS 10-100 kW	1,963,428	130,613	112,673	399,828	283,903	322,494	56,626	87,541	82,494	57,343	34,330	37,108	-	128,316	-	-	-	-	-	-	-	-	-	
47	2:3GS 110-1,000 kVA	2,864,082	241,106	233,230	738,063	524,070	595,308	14,671	155,130	21,373	101,617	8,894	16,969	-	33,245	-	-	-	-	-	-	-	-	-	
48	2:4GS Over 1,000 kVA	2,090,121	199,307	211,697	610,110	433,215	492,103	448	25,456	653	16,675	272	518	-	1,015	-	-	-	-	-	-	-	-	-	
49	4:1Street and Area Lighting	439,585	2,102	1,457	6,434	4,568	5,189	29,713	1,424	43,286	933	18,014	-	248,403	-	67,330	-	-	-	-	-	-	-	-	
50	Subtotal Rural	20,039,020	1,279,194	1,052,016	3,915,817	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	248,403	2,059,313	-	-	-	-	-	-	-	-	-	
51	Total	29,211,220	2,762,341	1,088,113	11,524,019	2,780,469	3,158,425	908,778	747,952	1,323,937	489,940	550,952	169,361	248,403	2,059,313	44,754	-	-	-	-	-	-	-	-	
Re-classification of Revenue-Related																									
52	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
53	Labrador Industrial Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
54	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural:																									
56	1:1Domestic	-	80	47	245	174	198	324	54	472	36	45	198	-	735	-	-	-	-	-	-	-	-	-	
57	1:1ADomestic All Electric	0	18,267	12,727	55,917	39,705	45,102	19,814	12,377	28,865	8,107	12,012	2,722	-	44,898	-	-	-	-	-	-	-	-	-	
58	2:1GS0-10 kW	-	252	234	770	547	621	1,123	1,71	1,636	112	290	1,284	-	2,545	-	-	-	-	-	-	-	-	-	
59	2:2GS 10-100 kW	0	4,517	3,896	13,826	9,817	11,152	1,958	3,027	2,853	1,983	1,187	2,868	-	4,437	-	-	-	-	-	-	-	-	-	
60	2:3GS 110-1,000 kVA	(0)	9,191	8,891	28,134	19,977	22,693	5,559	5,913	815	3,874	647	2,868	-	1,267	-	-	-	-	-	-	-	-	-	
61	2:4GS Over 1,000 kVA	(0)	9,632	10,231	29,485	20,936	23,782	22	1,230	32	806	13	25	-	49	-	-	-	-	-	-	-	-	-	
62	4:1Street and Area Lighting	0	53	36	161	114	130	744	36	1,083	23	451	-	6,217	-	1,685	-	-	-	-	-	-	-	-	
63	Subtotal Rural	0	41,991	36,062	128,540	91,271	103,678	24,544	22,808	35,756	14,940	14,880	5,011	22,219	55,616	-	-	-	-	-	-	-	-	-	
64	Total	0	41,991	36,062	128,540	91,271	103,678	24,544	22,808	35,756	14,940	14,880	5,011	22,219	55,616	-	-	-	-	-	-	-	-	-	
Total Allocated Revenue Requirement																									
65	CFB - Goose Bay Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
66	Labrador Industrial Firm	9,172,200	1,483,146	36,097	7,608,202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
67	Labrador Industrial Non-Firm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
68	MFP Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rural:																									
69	1:1Domestic	206,448	5,893	3,472	18,040	12,809	14,551	23,878	3,993	34,786	2,616	3,280	14,545	-	54,108	-	-	-	-	-	-	-	-	-	
70	1:1ADomestic All Electric	12,172,687	711,352	495,604	2,177,560	1,546,201	1,756,380	771,591	481,981	1,124,078	315,718	467,781	106,001	-	1,748,443	-	-	-	-	-	-	-	-	-	
71	2:1GS0-10 kW	302,668	7,420	6,891	22,715	16,129	18,321	33,113	5,028	48,240	3,293	8,541	37,868	-	75,034	-	-	-	-	-	-	-	-	-	
72	2:2GS 10-100 kW	1,963,429	135,130	116,569	413,654	293,720	333,646	58,584	90,568	85,347	59,326	35,517	38,391	-	132,753	-	-	-	-	-	-	-	-	-	
73	2:3GS 110-1,000 kVA	2,864,082	250,296	242,120	766,197	544,047	618,000	15,230	161,043	22,188	105,490	9,233	17,616	-	34,512	-	-	-	-	-	-	-	-	-	
74	2:4GS Over 1,000 kVA	2,090,121	208,939	221,928	639,595	454,152	515,886	470	26,686	684	17,481	285	543	-	1,064	-	-	-	-	-	-	-	-	-	
75	4:1Street and Area Lighting	439,585	2,154	1,493	6,595	4,683	5,319	30,456	1,460	44,370	956	18,464	-	254,620	-	69,015	-	-	-	-	-	-	-	-	
76	Subtotal Rural	20,039,020	1,321,185	1,088,077	4,044,357	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930	-	-	-	-	-	-	-	-	
77	Total	29,211,220	2,804,331	1,124,174	11,652,559	2,871,740	3,262,103	933,322	770,760	1,359,693	504,881	565,832	174,373	773,149	254,620	2,114,930	44,754	-	-	-	-	-	-	-	

Schedule 3.2E
Page 4 of 4

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Interconnected
Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	Revenue Related			Basis of Proration
		18	19	19	
		Municipal Tax (\$)	PUB Assessment (\$)		
39	Total Revenue Requirement	-	-	-	
40	CFB - Goose Bay Secondary	-	-	-	
41	Labrador Industrial Firm	-	-	-	
42	Labrador Industrial Non-Firm	-	-	-	
	MFP Construction	-	-	-	
	Rural:				
43	1:1Domestic	2,645	159		
44	1:1A Domestic All Electric	294,892	17,690		
45	2:1GS 0-10 kW	9,684	581		
46	2:2GS 10-100 kW	61,912	3,714		
47	2:3GS 110-1,000 kVa	99,216	5,952		
48	2:4GS Over 1,000 kVa	90,902	5,453		
49	4:1Street and Area Lighting	10,126	607		
50	Subtotal Rural	569,376	34,156		
51	Total	569,376	34,156		
	Re-classification of Revenue-Related				
52	CFB - Goose Bay Secondary	-	-	-	Re-classification to demand, energy and customer is based on rate class revenue
53	Labrador Industrial Firm	-	-	-	requirements excluding revenue-related items.
54	Labrador Industrial Non-Firm	-	-	-	
55	MFP Construction	-	-	-	
	Rural:				
56	1:1Domestic	(2,645)	(159)		
57	1:1A Domestic All Electric	(294,892)	(17,690)		
58	2:1GS 0-10 kW	(9,684)	(581)		
59	2:2GS 10-100 kW	(61,912)	(3,714)		
60	2:3GS 110-1,000 kVa	(99,216)	(5,952)		
61	2:4GS Over 1,000 kVa	(90,902)	(5,453)		
62	4:1Street and Area Lighting	(10,126)	(607)		
63	Subtotal Rural	(569,376)	(34,156)		
64	Total	(569,376)	(34,156)		
	Total Allocated Revenue Requirement				
65	CFB - Goose Bay Secondary	-	-	-	
66	Labrador Industrial Firm	-	-	-	
67	Labrador Industrial Non-Firm	-	-	-	
68	MFP Construction	-	-	-	
	Rural:				
69	1:1Domestic	-	-	-	
70	1:1A Domestic All Electric	-	-	-	
71	2:1GS 0-10 kW	-	-	-	
72	2:2GS 10-100 kW	-	-	-	
73	2:3GS 110-1,000 kVa	-	-	-	
74	2:4GS Over 1,000 kVa	-	-	-	
75	4:1Street and Area Lighting	-	-	-	
76	Subtotal Rural	-	-	-	
77	Total	-	-	-	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Isolated

Functional Classification of Revenue Requirement

Line No.	Description	2	3	4	5	6				7				8				9				10				11				12				13				14				15				16				17	Specifically Assigned Customer (\$)
						Transmission Demand (\$)		Substations Demand (\$)		Primary Lines Demand (\$)		Line Transformers Demand (\$)		Secondary Lines Demand (\$)		Services Customer (\$)		Meters Customer (\$)		Street Lighting Customer (\$)		Accounting Customer (\$)																													
Expenses																																																			
1	Operating & Maintenance	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
3	Fuels-Diesel	2,124,200	-	2,124,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
5	Power Purchases-CFLCo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
6	Power Purchases-Other	177,100	-	177,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
7	Depreciation	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Expense Credits																																																			
8	Sundry	(18,852)	(8,800)	(5,347)	-	(323)	(1,544)	(495)	(196)	(346)	(319)	(345)	(167)	(123)	(145)	(561)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
12	Pole Attachments	(20,860)	-	-	-	-	(12,065)	(4,123)	-	-	(2,135)	(2,537)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
15	Application Fees	(216)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
16	Meter Test Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
17	Total Expense Credits	(39,928)	(8,800)	(5,347)	-	(323)	(13,609)	(4,618)	(196)	(346)	(2,454)	(2,882)	(167)	(123)	(145)	(777)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
18	Subtotal Expenses	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
20	Subtotal Revenue Requirement Ex. Return	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
21	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
22	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
23	Total Revenue Requirement	10,404,667	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,832	121,602	132,328	63,723	57,134	71,837	183,156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	Revenue Related		Basis of Functional Classification	20
		18 Municipal Tax	19 PUB Assessment		
1					
	Expenses				
1	Operating & Maintenance	40,605	2,436	Carryforward from Sch.2.4 L.25	
2	Fuels	-	-	Production - Energy	
3	Fuels-Diesel	-	-	Production - Energy	
4	Fuels-Gas Turbine	-	-	Production - Energy	
5	Power Purchases -CF(L)Co	-	-		
6	Power Purchases-Other	-	-		
7	Depreciation	-	-	Carryforward from Sch.2.5 L.23	
	Expense Credits				
8	Sundry	(133)	(8)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
9	Building Rental Income	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
10	Tax Refunds	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
11	Suppliers' Discounts	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.25	
12	Pole Attachments	-	-	Prorated on Distribution Poles - Sch.4.1 L.37	
13	Secondary Energy Revenues	-	-	Production - Energy	
14	Wheeling Revenues	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
15	Application Fees	-	-	Accounting - Customer	
16	Meter Test Revenues	-	-	Meters - Customer	
17	Total Expense Credits	(133)	(8)		
18	Subtotal Expenses	40,472	2,428		
19	Disposal Gain / Loss	-	-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20	Subtotal Revenue Requirement Ex. Return	40,472	2,428		
21	Return on Debt	-	-	Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-	-	Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	40,472	2,428		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines Customer (\$)	Primary Lines Demand (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Secondary Lines Demand (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		8,490,207	5,264,340	3,225,867	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		651,069	121,854	-	-	529,215	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		32,475	-	-	-	-	24,484	3,119	-	-	2,840	2,031	-	-	-	-	-
8 Poles		3,975,794	-	-	-	-	2,299,392	785,624	-	-	406,994	483,584	-	-	-	-	-
9 Primary Conductor & Equipment		253,596	-	-	-	-	224,940	28,656	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		894,252	-	-	-	-	-	322,825	571,427	-	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		199,639	-	-	-	-	-	-	-	-	116,390	83,250	-	-	-	-	-
13 Services		276,111	-	-	-	-	-	-	-	-	-	276,111	-	-	-	-	-
14 Meters		196,359	-	-	-	-	-	-	-	-	-	-	-	-	196,359	-	-
15 Street Lighting		239,198	-	-	-	-	-	-	-	-	-	-	-	-	239,198	-	-
16 Subtotal Distribution		6,718,493	121,854	-	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
Subtotal Prod, Trans. & Dist		15,208,700	5,386,194	3,225,867	-	529,215	2,548,816	817,599	322,825	571,427	526,224	568,865	276,111	196,359	239,198	-	-
18 General		3,753,373	2,029,573	1,240,180	-	24,777	119,332	38,279	15,114	26,753	24,637	26,633	12,927	10,376	11,199	173,592	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		66,082	23,403	14,016	-	2,299	11,075	3,552	1,403	2,483	2,286	2,472	1,200	853	1,039	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Plant		19,028,155	7,439,171	4,480,064	-	556,291	2,679,223	859,430	339,342	600,663	553,147	597,970	290,238	207,588	251,437	173,592	-

Schedule 228
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18	Description	Basis of Functional Classification
	Production			
1	Diesel			Production - Demand, Energy ratios Sch.4.1 L.6
2	Subtotal Production			
	Transmission			
3	Lines			Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Cuslthr
4	Terminal Stations			Production, Transmission - Demand; Spec Assigned - Cuslthr
5	Subtotal Transmission			
	Distribution			
6	Substation Structures & Equipment			Production - Demand; Dist Substns - Demand
7	Land & Land Improvements			Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8	Poles			Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9	Primary Conductor & Equipment			Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10	Submarine Conductor			Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11	Transformers			Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12	Secondary Conductors & Equipment			Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13	Services			Services Customer
14	Meters			Meters - Customer
15	Street Lighting			Street Lighting - Customer
16	Subtotal Distribution			
17	Subtl Prod, Trans, & Dist			
18	General			Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
19	Telecontrol - Specific			Specifically Assigned - Customer
20	Feasibility Studies			Production, Transmission - Demand
21	Software - General			Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22	Software - Cust Acctg			Customer Accounting
23	Total Plant			

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		15,938,486	9,882,633	6,055,853	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		1,012,596	14,673	-	-	997,923	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		7,638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Poles		1,747,765	-	-	-	-	5,759	734	-	-	688	478	-	-	-	-	-
9 Primary Conductor & Equipment		115,113	-	-	-	-	1,010,817	345,449	-	-	178,915	212,584	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	102,105	13,008	-	-	-	-	-	-	-	-	-
11 Transformers		434,841	-	-	-	-	-	-	158,978	277,864	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		49,456	-	-	-	-	-	-	-	-	28,833	20,623	-	-	-	-	-
13 Services		106,892	-	-	-	-	-	-	-	-	-	-	106,892	-	-	-	-
14 Meters		138,636	-	-	-	-	-	-	-	-	-	-	-	138,636	-	-	-
15 Street Lighting		192,904	-	-	-	-	-	-	-	-	-	-	-	-	192,904	-	-
16 Subtotal Distribution		3,805,842	14,673	-	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
Subtl Prod, Trans, & Dist		19,744,328	9,897,307	6,055,853	-	997,923	1,118,681	359,191	156,978	277,864	208,416	233,685	106,892	138,636	192,904	-	-
18 General		1,636,872	885,111	540,851	-	10,805	52,041	16,694	6,591	11,667	10,744	11,615	5,638	4,525	4,884	75,705	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		137,381	68,865	42,137	-	6,944	7,784	2,499	1,092	1,933	1,450	1,626	744	965	1,342	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Net Book Value		21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Operating & Maintenance Expense																Specifically Assigned Customer (\$)
		Island Isolated																
		Distribution																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)		
Production																		
1	Diesel	2,065,682	1,280,823	784,859	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Other	208,062	129,008	79,053	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Subtotal Production	2,273,744	1,409,831	863,912	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transmission																		
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution																		
8	Other	212,712	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	-	7,801	-	-	
9	Meters	7,228	-	-	-	-	-	-	-	-	-	-	-	7,228	-	-	-	
10	Subtotal Distribution	219,940	3,974	-	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
11	Subtltl Prod, Trans, & Dist	2,493,683	1,413,805	863,912	-	17,260	83,127	26,665	10,529	18,636	17,162	18,553	9,005	7,228	7,801	-	-	
12	Customer Accounting	120,925	-	-	-	-	-	-	-	-	-	-	-	-	-	120,925	-	
Administrative & General:																		
Plant-Related:																		
13	Production	962,970	597,088	365,882	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	Distribution	862,064	15,635	-	-	67,905	327,044	104,908	41,422	73,321	67,521	72,992	35,428	25,195	30,692	-	-	
16	Prod, Trans, Distn Plant	157,713	55,855	33,452	-	5,488	26,431	8,478	3,348	5,926	5,457	5,899	2,863	2,036	2,480	-	-	
17	Prod, Trans, Distn and Gen Plt	1,547	605	364	-	45	218	70	28	49	45	49	24	17	20	14	-	
18	Property Insurance	16,132	9,277	5,587	-	693	149	48	19	33	31	33	16	13	14	217	-	
19	Revenue Related:																	
20	Municipal Tax	40,605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	PUB Assessment	2,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	All Expense-Related	1,085,807	587,132	358,770	-	7,168	34,521	11,074	4,372	7,739	7,127	7,705	3,740	3,002	3,240	50,218	-	
23	Prod, Trans, and Distn Expense-Related	19,971	11,323	6,919	-	138	666	214	84	149	137	149	72	58	62	-	-	
24	Subtotal Admin & General	3,149,246	1,276,915	770,974	-	81,437	389,029	124,791	49,273	87,218	80,318	86,827	42,143	30,321	36,509	50,450	-	
25	Total Operating & Maintenance Expenses	5,763,854	2,690,721	1,634,887	-	98,697	472,156	151,456	59,802	105,854	97,480	105,379	51,148	37,549	44,310	171,374	-	

Schedule 2.4B
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	1	18	19	20
	Description	Municipal Tax	Revenue Related Assessment	Basis of Functional Classification
	Production			
1	Diesel	-	-	Production - Demand, Energy ratios Sch.4.1 L6
2	Other	-	-	Production - Demand, Energy ratios Sch.4.1 L6
3	Subtotal Production	-	-	
	Transmission			
4	Transmission Lines	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3
5	Terminal Stations	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4
6	Other	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
7	Subtotal Transmission	-	-	
	Distribution			
8	Other	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16 less L. 14
9	Meters	-	-	Meters - Customer
10	Subtotal Distribution	-	-	
11	Subttl Prod, Trans, & Dist	-	-	
12	Customer Accounting	-	-	Accounting - Customer
	Administrative & General:			
	Plant-Related:			
13	Production	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2
14	Transmission	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5
15	Distribution	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16
16	Prod, Trans, Distn Plant	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17
17	Prod, Trans, Distn and Gen Plt	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23
18	Property Insurance	-	-	Prorated on Prod., Trans, Terminal, Dist, Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19
19	Revenue Related:			
20	Municipal Tax	40,605	-	Revenue-related
21	PUB Assessment	-	2,436	Revenue-related
22	All Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12
23	Prod, Trans and Distn Expense-Related	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11
24	Subtotal Admin & General	40,605	2,436	
25	Total Operating & Maintenance Expenses	40,605	2,436	

Island Isolated

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	6						7						16	17				
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations		Primary Lines		Line Transformers		Secondary Lines				Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)						
Production																							
1	Diesel	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2	Subtotal Production	705,506	437,448	268,058	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Transmission																							
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Distribution																							
6	Substn Struct & Eqpt	35,648	1,494	-	-	34,153	-	-	-	-	-	-	-	-	-	-	-	-					
7	Land & Land Improvements	213	-	-	-	-	160	20	-	19	13	-	-	-	-	-	-	-					
8	Poles	102,292	-	-	-	-	59,161	20,218	-	10,471	12,442	-	-	-	-	-	-	-					
9	Primary Conductor & Equipment	6,118	-	-	-	-	5,427	691	-	-	-	-	-	-	-	-	-	-					
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
11	Transformers	23,984	-	-	-	-	-	-	8,658	15,326	-	-	-	-	-	-	-	-					
12	Secondary Conductors & Equipment	2,459	-	-	-	-	-	-	-	1,434	1,025	-	-	-	-	-	-	-					
13	Services	5,237	-	-	-	-	-	-	-	-	-	-	5,237	-	-	-	-	-					
14	Meters	10,386	-	-	-	-	-	-	-	-	-	-	-	10,386	-	-	-	-					
15	Street Lighting	14,935	-	-	-	-	-	-	-	-	-	-	-	-	14,935	-	-	-					
16	Subtotal Distribution	201,272	1,494	-	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-	-					
17	Subtotal Prod Tran & Dist	906,778	438,942	268,058	-	34,153	64,748	20,930	8,658	15,326	11,924	13,481	5,237	10,386	14,935	-	-	-					
18	General	175,004	94,630	57,824	-	1,155	5,564	1,785	705	1,247	1,149	1,242	603	484	522	8,094	-	-					
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
20	GEC and AFUDC	3,921	1,898	1,159	-	148	280	91	37	66	52	58	23	45	65	-	-	-					
21	Software - General	31,714	15,352	9,375	-	1,194	2,265	732	303	536	417	471	183	363	522	-	-	-					
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
23	Total Depreciation Expense	1,117,417	550,822	336,417	-	36,651	72,856	23,537	9,703	17,175	13,541	15,252	6,046	11,278	16,044	8,094	-	-					

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Functional Classification of Rate Base																
		Island Isolated																
		2	3	4	5	6	7	8	9	10	Distribution		12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
1	Average Net Book Value	21,518,581	10,851,283	6,638,840	-	1,015,672	1,178,506	378,384	164,661	291,464	220,610	246,926	113,273	144,126	199,131	75,705	-	
2	Cash Working Capital	13,981	7,050	4,313	-	660	766	246	107	189	143	160	74	94	129	49	-	
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Fuel Inventory - Diesel	206,653	-	206,653	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Inventory/Supplies	217,603	85,073	51,233	-	6,362	30,639	9,828	3,881	6,869	6,326	6,838	3,319	2,374	2,875	1,985	-	
Deferred Charges:																		
Foreign Exchange Loss and Regulatory Costs																		
7	Costs	1,034,296	521,570	319,098	-	48,819	56,645	18,187	7,914	14,009	10,604	11,869	5,445	6,927	9,571	3,639	-	
8	Retired Asset Pool	2,870,021	1,447,280	885,449	-	135,464	157,182	50,467	21,962	38,874	29,424	32,934	15,108	19,223	26,559	10,097	-	
9	Total Rate Base	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Rate Base Available for Equity Return	25,861,135	12,912,256	8,105,587	-	1,206,976	1,423,738	457,111	198,525	351,406	267,107	298,727	137,218	172,743	238,266	91,475	-	
12	Return on Debt	778,420	388,659	243,978	-	36,330	42,855	13,759	5,976	10,577	8,040	8,992	4,130	5,200	7,172	2,753	-	
13	Return on Equity	483,603	241,459	151,574	-	22,570	26,624	8,548	3,712	6,571	4,995	5,586	2,566	3,230	4,456	1,711	-	
14	Return on Rate Base	1,262,023	630,118	395,553	-	58,900	69,478	22,307	9,688	17,149	13,035	14,578	6,696	8,430	11,627	4,464	-	

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
7	Deferred Charges:	Prorated on Average Net Book Value, L. 1
8	Foreign Exchange Loss and Regulatory Costs	
9	Retired Asset Pool	
	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Island Isolated Basis of Allocation to Classes of Service

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Island Isolated
Basis of Allocation to Classes of Service (CONT'D.)

Line No.	Description	18		19	
		Municipal Tax (Prior Year (Rural Revenues))	PUB Assessment (Prior Year (Revenues + RSP))		
Amounts					
1	1.2 Domestic Diesel	658,743	658,743	-	
2	1.2G Government Domestic Diesel	-	-	-	
3	1.23 Churches, Schools & Com Halls	43,910	43,910	43,910	
4	2.1 GS 0-10 kW	205,170	205,170	205,170	
5	2.2 GS 10-100 kW	491,702	491,702	491,702	
6	2.3 GS 110-1,000 kVa	-	-	-	
7	2.4 GS Over 1,000 kVa	-	-	-	
8	4.1 Street and Area Lighting	38,040	38,040	38,040	
9	4.1G Gov't Street and Area Lighting	6,323	6,323	6,323	
10	Total	1,443,889	1,443,889	1,443,889	
Ratios					
11	1.2 Domestic Diesel	0.4562	0.4562	0.4562	
12	1.2G Government Domestic Diesel	-	-	-	
13	1.23 Churches, Schools & Com Halls	0.0304	0.0304	0.0304	
14	2.1 GS 0-10 kW	0.1421	0.1421	0.1421	
15	2.2 GS 10-100 kW	0.3405	0.3405	0.3405	
16	2.3 GS 110-1,000 kVa	-	-	-	
17	2.4 GS Over 1,000 kVa	-	-	-	
18	4.1 Street and Area Lighting	0.0263	0.0263	0.0263	
19	4.1G Gov't Street and Area Lighting	0.0044	0.0044	0.0044	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service																	Specifically Assigned Customer (\$)	
		Island Isolated																		
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmitter Demand (\$)	Substations		Primary Lines		Line Transformers		Distribution		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)		Accounting Customer (\$)
						Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)					
Allocated Revenue Requirement Excluding Return																				
1	1.2 Domestic Diesel	6,757,294	2,531,252	2,982,840	-	105,725	416,091	139,262	54,270	100,280	85,008	96,247	43,519	37,167	-	146,060	-			
2	1.2G Government Domestic Diesel	48,553	19,622	20,707	-	820	3,226	767	421	553	659	530	240	205	-	805	-			
3	1.23 Churches, Schools & Com Halls	325,166	95,658	187,724	-	3,995	15,724	3,836	2,051	2,763	3,213	2,651	1,199	1,024	-	4,024	-			
4	2.1 GS 0-10 kW	731,952	183,957	420,985	-	7,683	30,239	16,023	3,944	11,538	6,178	11,074	9,401	8,029	-	16,805	-			
5	2.2 GS 10-100 kW	1,138,127	382,631	629,811	-	15,982	62,898	1,790	8,204	1,289	12,850	1,237	2,669	2,279	-	1,878	-			
6	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7	2.4 GS Over 1,000 kVA	-	-	-	-	820	3,226	8,696	421	6,262	659	6,010	-	-	-	9,120	-			
8	4.1 Street and Area Lighting	141,363	19,622	25,189	-	-	-	-	-	-	-	-	-	-	-	-	-			
9	4.1G Gov't Street and Area Lighting	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10	Total	9,142,643	3,232,743	4,267,256	-	135,025	531,404	170,375	69,309	122,683	108,567	117,750	57,027	48,704	60,209	178,692	-			
Allocated Return on Debt and Equity																				
11	1.2 Domestic Diesel	947,551	493,385	276,494	-	46,119	54,402	18,233	7,586	14,017	10,206	11,916	5,110	6,433	-	3,649	-			
12	1.2G Government Domestic Diesel	6,911	3,825	1,919	-	358	422	100	59	-	79	66	28	35	-	20	-			
13	1.23 Churches, Schools & Com Halls	42,153	18,645	17,401	-	1,743	2,056	502	287	386	386	328	141	177	-	101	-			
14	2.1 GS 0-10 kW	91,473	35,856	39,023	-	3,352	3,954	2,098	551	1,613	742	1,371	1,104	1,390	-	420	-			
15	2.2 GS 10-100 kW	152,169	74,582	58,380	-	6,972	8,224	234	1,147	180	1,543	153	313	395	-	47	-			
16	2.3 GS 110-1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
17	2.4 GS Over 1,000 kVA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
18	4.1 Street and Area Lighting	21,690	3,825	2,335	-	358	422	1,139	59	875	79	744	-	-	11,627	228	-			
19	4.1G Gov't Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
20	Total	1,261,946	630,118	395,553	-	58,900	69,478	22,307	9,688	17,071	13,035	14,578	6,696	8,430	11,627	4,464	-			

NEWFOUNDLAND & LABRADOR HYDRO

2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	1	Description	18	19
			Municipal Tax (\$)	PUB Assessment (\$)
			Basis of Proration	
Allocated Revenue Requirement Excluding Return				
1		1.2 Domestic Diesel	18,464	1,108
2		1.2G Government Domestic Diesel	-	-
3		1.23 Churches, Schools & Com Halls	1,231	74
4		2.1 GS 0-10 kW	5,751	345
5		2.2 GS 10-100 kW	13,782	827
6		2.3 GS 110-1,000 kVa	-	-
7		2.4 GS Over 1,000 kVa	-	-
8		4.1 Street and Area Lighting	1,066	64
9		4.1G Gov't Street and Area Lighting	177	11
10		Total	40,472	2,428
Allocated Return on Debt and Equity				
11		1.2 Domestic Diesel	-	-
12		1.2G Government Domestic Diesel	-	-
13		1.23 Churches, Schools & Com Halls	-	-
14		2.1 GS 0-10 kW	-	-
15		2.2 GS 10-100 kW	-	-
16		2.3 GS 110-1,000 kVa	-	-
17		2.4 GS Over 1,000 kVa	-	-
18		4.1 Street and Area Lighting	-	-
19		4.1G Gov't Street and Area Lighting	-	-
20		Total	-	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.	Description	Allocation of Functionalized Amounts to Classes of Service (CONTD.)																17 Specifically Assigned Customer (\$)
		Island Isolated																
		Distribution																
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)				
Total Revenue Requirement																		
21	1.2 Domestic Diesel	7,704,844	3,024,638	3,259,334	-	151,844	470,493	157,496	61,855	114,297	95,215	108,163	48,629	43,600	-	149,709		
22	1.2G Government Domestic Diesel	55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825		
23	1.23 Churches, Schools & Com Halls	367,319	114,303	205,125	-	5,738	17,780	4,339	2,338	3,149	3,598	2,980	1,340	1,201	-	4,124		
24	2.1 GS 0-10 kW	823,425	219,814	460,008	-	11,035	34,193	18,121	4,495	13,151	6,920	12,445	10,505	9,418	-	17,225		
25	2.2 GS 10-100 kW	1,290,296	457,213	688,192	-	22,953	71,121	2,025	9,350	1,469	14,393	1,391	2,982	2,674	-	1,925		
26	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
27	2.4 GS Over 1,000 kVa	-	-	27,524	-	-	3,647	9,834	479	7,137	738	6,754	-	-	-	9,348		
28	4.1 Street and Area Lighting	163,053	23,447	-	-	1,177	-	-	-	-	-	-	-	-	-	-		
29	4.1G Gov't Street and Area Lighting	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
30	Total	10,404,589	3,862,861	4,662,809	-	193,925	600,882	192,682	78,997	139,755	121,602	132,328	63,723	57,134	71,837	183,156		
Re-classification of Revenue-Related																		
31	1.2 Domestic Diesel	(0)	7,703	8,301	-	387	1,198	401	158	291	242	275	124	111	-	381		
32	1.2G Government Domestic Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
33	1.23 Churches, Schools & Com Halls	-	407	731	-	20	63	15	8	11	13	11	5	4	-	15		
34	2.1 GS 0-10 kW	-	1,639	3,431	-	82	255	135	34	98	52	93	78	70	-	128		
35	2.2 GS 10-100 kW	-	5,236	7,881	-	263	814	23	107	17	165	16	34	31	-	22		
36	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37	2.4 GS Over 1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
38	4.1 Street and Area Lighting	0	164	192	-	8	25	69	3	50	5	47	-	-	-	65		
39	4.1G Gov't Street and Area Lighting	(188)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40	Total	(188)	15,149	20,536	-	761	2,357	644	310	467	477	442	241	216	501	612		
Total Allocated Revenue Requirement																		
41	1.2 Domestic Diesel	7,704,844	3,032,340	3,267,635	-	152,231	471,692	157,897	62,013	114,588	95,457	108,438	48,753	43,711	-	150,090		
42	1.2G Government Domestic Diesel	55,464	23,447	22,627	-	1,177	3,647	868	479	553	738	596	268	240	-	825		
43	1.23 Churches, Schools & Com Halls	367,319	114,711	205,856	-	5,759	17,844	4,354	2,346	3,160	3,611	2,990	1,344	1,205	-	4,139		
44	2.1 GS 0-10 kW	823,425	221,453	463,439	-	11,117	34,448	18,256	4,529	13,249	6,971	12,538	10,583	9,489	-	17,353		
45	2.2 GS 10-100 kW	1,290,296	462,449	696,073	-	23,216	71,936	2,048	9,457	1,486	14,558	1,406	3,016	2,704	-	1,947		
46	2.3 GS 110-1,000 kVa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
47	2.4 GS Over 1,000 kVa	-	-	27,716	-	-	3,673	9,903	483	7,187	743	6,801	-	-	-	-		
48	4.1 Street and Area Lighting	163,053	23,610	-	-	1,185	-	-	-	-	-	-	-	-	-	-		
49	4.1G Gov't Street and Area Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50	Total	10,404,402	3,878,010	4,683,345	-	194,685	603,239	193,326	79,307	140,222	122,079	132,770	63,964	57,350	72,338	183,767		

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

Island Isolated

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18	19
		Municipal Tax (\$)	Revenue Related Assessment (\$)
Basis of Proration			
Total Revenue Requirement			
21	1.2 Domestic Diesel	18,464	1,108
22	1.2G Government Domestic Diesel	-	-
23	1.23 Churches, Schools & Com Halls	1,231	74
24	2.1 GS 0-10 kW	5,751	345
25	2.2 GS 10-100 kW	13,782	827
26	2.3 GS 110-1,000 kVa	-	-
27	2.4 GS Over 1,000 kVa	-	-
28	4.1 Street and Area Lighting	1,066	64
29	4.1G Gov't Street and Area Lighting	177	11
30	Total	40,472	2,428
Re-classification of Revenue-Related			
31	1.2 Domestic Diesel	(18,464)	(1,108)
32	1.2G Government Domestic Diesel	-	-
33	1.23 Churches, Schools & Com Halls	(1,231)	(74)
34	2.1 GS 0-10 kW	(5,751)	(345)
35	2.2 GS 10-100 kW	(13,782)	(827)
36	2.3 GS 110-1,000 kVa	-	-
37	2.4 GS Over 1,000 kVa	-	-
38	4.1 Street and Area Lighting	(1,066)	(64)
39	4.1G Gov't Street and Area Lighting	(177)	(11)
40	Total	(40,472)	(2,428)
Total Allocated Revenue Requirement			
41	1.2 Domestic Diesel	-	-
42	1.2G Government Domestic Diesel	-	-
43	1.23 Churches, Schools & Com Halls	-	-
44	2.1 GS 0-10 kW	-	-
45	2.2 GS 10-100 kW	-	-
46	2.3 GS 110-1,000 kVa	-	-
47	2.4 GS Over 1,000 kVa	-	-
48	4.1 Street and Area Lighting	-	-
49	4.1G Gov't Street and Area Lighting	-	-
50	Total	-	-

Subtotal Revenue Requirement Ex.

Schedule 2.1C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Revenue Requirement (CONT'D.)

Line No.	1	Description	Revenue Related		Basis of Functional Classification	20
			18 Municipal Tax	19 PUB Assessment		
		Expenses				
1		Operating & Maintenance	263,893	15,830	Carryforward from Sch.2.4 L.24	
2		Fuels	-	-	Production - Energy	
3		Fuels-Diesel	-	-	Production - Energy	
4		Fuels-Gas Turbine	-	-	Production - Energy	
5		Power Purchases -CF(L)Co	-	-	Carryforward from Sch.4.4 L.20	
6		Power Purchases-Other	-	-	Carryforward from Sch.2.5 L.23	
7		Depreciation	-	-		
		Expense Credits				
8		Sundry	(863)	(52)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
9		Building Rental Income	-	-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
10		Tax Refunds	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
11		Suppliers' Discounts	-	-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12		Pole Attachments	-	-	Prorated on Distribution Poles - Sch.4.1 L.37	
13		Secondary Energy Revenues	-	-	Production - Energy	
14		Wheeling Revenues	-	-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
15		Application Fees	-	-	Accounting - Customer	
16		Meter Test Revenues	-	-	Meters - Customer	
17		Total Expense Credits	(863)	(52)		
18		Subtotal Expenses	263,030	15,779		
19		Disposal Gain / Loss	-	-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20		Subtotal Revenue Requirement Ex. Return	263,030	15,779		
21		Return on Debt	-	-	Prorated on Rate Base - Sch.2.6 L.9	
22		Return on Equity	-	-	Prorated on Rate Base - Sch.2.6 L.11	
23		Total Revenue Requirement	263,030	15,779		

Functional Classification of Plant in Service for the Allocation of O&M Expense

Line No.	Description	2	3	4	5	6	7		8		9		10		11		12		13	14	15	16	17			
							Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)						Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)
												Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)									
Production																										
1	Diesel	101,424,536	46,346,579	55,077,957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Subtotal Production	101,424,536	46,346,579	55,077,957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Transmission																										
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Distribution																										
6	Substation Structures & Equipment	3,834,105	2,361,427	-	-	1,472,678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
7	Land & Land Improvements	102,348	-	-	-	-	77,165	9,831	-	-	-	-	8,950	6,402	-	-	-	-	-	-	-	-				
8	Poles	13,745,724	-	-	-	-	7,949,812	2,716,870	-	-	-	-	1,407,122	1,671,920	-	-	-	-	-	-	-	-				
9	Primary Conductor & Equipment	2,449,563	-	-	-	-	2,172,763	276,801	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
11	Transformers	3,613,059	-	-	-	-	-	-	1,304,314	2,308,744	-	-	215,680	154,268	-	-	-	-	-	-	-	-				
12	Secondary Conductors & Equipment	369,948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
13	Services	857,470	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
14	Meters	1,020,023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
15	Street Lighting	403,680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
16	Subtotal Distribution	26,995,920	2,361,427	-	-	1,472,678	10,199,740	3,003,501	1,304,314	2,308,744	1,631,753	1,832,590	857,470	1,020,023	403,680	-	-	-	-	-	-	-				
Subtotal Prod, Trans, & Dist																										
17		127,820,456	48,708,006	55,077,957	-	1,472,678	10,199,740	3,003,501	1,304,314	2,308,744	1,631,753	1,832,590	857,470	1,020,023	403,680	-	-	-	-	-	-	-				
18	General	16,188,197	6,554,928	7,658,499	-	68,920	477,339	140,561	61,041	108,047	76,365	85,764	40,129	64,777	18,892	832,935	-	-	-	-	-	-				
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
21	Software - General	555,378	211,636	239,313	-	6,399	44,318	13,050	5,667	10,031	7,090	7,963	3,726	4,432	1,754	-	-	-	-	-	-	-				
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total Plant																										
23		144,564,032	55,474,569	62,975,769	-	1,547,997	10,721,397	3,157,113	1,371,022	2,426,823	1,715,207	1,926,317	907,324	1,089,232	424,326	832,935	-	-	-	-	-	-				

Schedule 2.2C
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	18
	Description	Basis of Functional Classification
	Production	
1	Diesel	Production - Demand, Energy ratios Sch.4.1 L.7
2	Subtotal Production	
	Transmission	
3	Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Custmr
4	Terminal Stations	Production, Transmission - Demand; Spec Assigned - Custmr
5	Subtotal Transmission	
	Distribution	
6	Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7	Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8	Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9	Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10	Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11	Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12	Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch. 4.1 L.41
13	Services	Services Customer
14	Meters	Meters - Customer
15	Street Lighting	Street Lighting - Customer
16	Subtotal Distribution	
17	Subttl Prod, Trans, & Dist	
18	General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch 2.4 L.11, 12
19	Telecontrol - Specific	Specifically Assigned - Customer
20	Feasibility Studies	Production, Transmission - Demand
21	Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22	Software - Cust Acctg	Customer Accounting
23	Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Distribution Customer (\$)	Secondary Lines Demand (\$)	Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
1	Diesel	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	76,035,619	34,744,954	41,290,665	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Transmission																
4	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Distribution																
8	Substation Structures & Equipment	1,723,562	728,201	-	-	995,362	-	-	-	-	-	-	-	-	-	-	-
9	Land & Land Improvements	24,670	-	-	-	-	18,600	2,370	-	-	2,157	1,543	-	-	-	-	-
10	Poles	4,989,483	-	-	-	-	2,885,658	986,181	-	-	510,763	606,881	-	-	-	-	-
11	Primary Conductor & Equipment	851,171	-	-	-	-	754,989	96,182	-	-	-	-	-	-	-	-	-
12	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Transformers	1,981,705	-	-	-	-	-	-	715,396	1,266,310	-	-	-	-	-	-	-
14	Secondary Conductors & Equipment	115,342	-	-	-	-	-	-	-	-	67,244	48,098	-	-	-	-	-
15	Services	395,847	-	-	-	-	-	-	-	-	-	-	395,847	-	-	-	-
16	Meters	720,172	-	-	-	-	-	-	-	-	-	-	-	720,172	-	-	-
17	Street Lighting	291,251	-	-	-	-	-	-	-	-	-	-	-	-	291,251	-	-
18	Subtotal Distribution	11,093,204	728,201	-	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
19	Subtotal Prod, Trans, & Dist	87,128,823	35,473,155	41,290,665	-	995,362	3,659,247	1,084,733	715,396	1,266,310	580,165	656,521	395,847	720,172	291,251	-	-
20	General	7,778,683	3,149,746	3,680,029	-	33,117	229,369	67,542	29,331	51,918	36,894	41,211	19,283	31,126	9,078	400,239	-
21	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Software - General	606,243	246,822	287,301	-	6,926	25,461	7,548	4,978	8,811	4,037	4,568	2,754	5,011	2,027	-	-
24	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Total Net Book Value	95,513,749	38,869,723	45,257,995	-	1,035,405	3,914,077	1,159,823	749,704	1,327,039	620,896	702,300	417,884	756,310	302,355	400,239	-

Functional Classification of Operating & Maintenance Expense

Line No.	Description	2	3	4	5	6						7						15	16	17		
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Distribution		Meters Customer (\$)				Street Lighting Customer (\$)	Accounting Customer (\$)
											Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)						
Production																						
1	Diesel	7,944,573	3,630,322	4,314,250	-	-	-	-	-	-	-	-	-	-	-	-	-					
2	Other	230,067	105,131	124,937	-	-	-	-	-	-	-	-	-	-	-	-	-					
3	Subtotal Production	8,174,640	3,735,453	4,439,187	-	-	-	-	-	-	-	-	-	-	-	-	-					
Transmission																						
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Distribution																						
8	Other	688,366	64,058	-	-	39,949	276,686	81,475	35,382	62,629	44,264	49,712	23,260	-	10,951	-	-					
9	Meters	37,547	-	-	-	-	-	-	-	-	-	-	-	37,547	-	-	-					
10	Subtotal Distribution	725,913	64,058	-	-	39,949	276,686	81,475	35,382	62,629	44,264	49,712	23,260	37,547	10,951	-	-					
11	Subtl Prod, Trans, & Dist	8,900,553	3,799,511	4,439,187	-	39,949	276,686	81,475	35,382	62,629	44,264	49,712	23,260	37,547	10,951	-	-					
12	Customer Accounting	482,804	-	-	-	-	-	-	-	-	-	-	-	-	-	482,804	-					
Administrative & General:																						
Plant-Related:																						
13	Production	678,462	310,027	368,434	-	-	-	-	-	-	-	-	-	-	-	-	-					
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
15	Distribution	352,550	31,540	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
16	Prod. Trans. Distn Plant	-	-	-	-	19,669	136,230	40,115	17,421	30,836	21,794	24,476	11,453	13,624	5,392	-	-					
17	Prod. Trans. Distn and General	472,077	181,153	205,649	-	5,055	35,011	10,310	4,477	7,925	5,601	6,290	2,943	3,557	1,386	2,720	-					
18	Property Insurance	122,558	55,769	63,310	-	1,556	482	142	62	109	77	87	40	65	19	841	-					
Revenue Related:																						
19	Municipal Tax	263,893	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
20	PUB Assessment	15,830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
21	All Expense-Related	3,909,532	1,583,048	1,849,566	-	16,645	115,280	33,946	14,742	26,094	18,442	20,712	9,691	15,644	4,562	201,158	-					
22	Prod. Trans. and Distn Expense-Related	71,283	30,430	35,553	-	320	2,216	653	283	502	355	398	186	301	88	-	-					
23	Subtotal Admin & General	5,886,184	2,191,967	2,522,513	-	43,245	289,218	85,166	36,984	65,466	46,269	51,964	24,314	33,191	11,447	204,719	-					
Total Operating & Maintenance		15,269,542	5,991,478	6,961,699	-	83,194	565,904	166,641	72,366	128,094	90,533	101,676	47,574	70,738	22,307	687,573	-					

NEWFOUNDLAND & LABRADOR HYDRO						
2027 Test Year Cost of Service Study						
Labrador Isolated						
Functional Classification of Operating & Maintenance Expense (CONTD.)						
Line No.	1	18	19	20		
	Description	Municipal Tax	Revenue Related	PUB Assessment	Basis of Functional Classification	
	Production					
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7	
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L7	
3	Subtotal Production	-	-	-		
	Transmission					
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3	
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4	
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	
7	Subtotal Transmission	-	-	-		
	Distribution					
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16, less L. 14	
9	Meters	-	-	-	Meters - Customer	
10	Subtotal Distribution	-	-	-		
11	Subttl Prod, Trans, & Dist	-	-	-		
12	Customer Accounting	-	-	-	Accounting - Customer	
	Administrative & General:					
	Plant-Related:					
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2	
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5	
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16	
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17	
17	Prod, Trans, Distn and General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23	
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19	
	Revenue Related:					
19	Municipal Tax	263,893	-	-	Revenue-related	
20	PUB Assessment	-	15,830	-	Revenue-related	
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Accounting Expenses - L.11, 12	
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11	
23	Subtotal Admin & General	263,893		15,830		
24	Total Operating & Maintenance Expenses	263,893		15,830		

Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	Distribution										15	16	17							
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)					
Production																									
1	Diesel	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
2	Subtotal Production	3,945,929	1,803,117	2,142,812	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Transmission																									
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Distribution																									
6	Subs'n Stru't & Eqpt	73,312	39,828	-	-	33,484	-	-	-	-	-	-	-	-	-	-	-	-							
7	Land & Land Improvements	696	-	-	-	524	67	-	-	-	61	44	-	-	-	-	-	-							
8	Poles	305,675	-	-	-	176,786	60,417	-	-	-	31,291	37,180	-	-	-	-	-	-							
9	Primary Conductor & Equipment	44,698	-	-	-	39,611	5,046	-	-	-	-	-	-	-	-	-	-	-							
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11	Transformers	97,876	-	-	-	-	-	35,333	62,543	-	-	-	-	-	-	-	-	-							
12	Secondary Conductors & Equipment	5,597	-	-	-	-	-	-	-	-	3,263	2,334	-	-	-	-	-	-							
13	Services	17,274	-	-	-	-	-	-	-	-	-	-	17,274	-	-	-	-	-							
14	Meters	53,951	-	-	-	-	-	-	-	-	-	-	-	53,951	-	-	-	-							
15	Street Lighting	26,970	-	-	-	-	-	-	-	-	-	-	-	-	26,970	-	-	-							
16	Subtotal Distribution	626,009	39,828	-	-	33,484	216,922	65,530	35,333	62,543	34,615	39,557	17,274	53,951	26,970	-	-	-							
17	Subtotal Prod Tran & Dist	4,571,938	1,842,945	2,142,812	-	33,484	216,922	65,530	35,333	62,543	34,615	39,557	17,274	53,951	26,970	-	-	-							
18	General	717,239	290,424	339,320	-	3,054	21,149	6,228	2,704	4,787	3,383	3,800	1,778	2,870	837	36,904	-	-							
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
20	GEC and AFUDC	17,405	7,016	8,158	-	127	826	249	135	238	132	151	66	205	103	-	-	-							
21	Software - General	159,900	64,456	74,943	-	1,171	7,587	2,292	1,236	2,187	1,211	1,383	604	1,887	943	-	-	-							
22	Software - Cust Acct'g	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
23	Total Depreciation Expense	5,466,481	2,204,841	2,565,232	-	37,836	246,484	74,299	39,408	69,755	39,341	44,891	19,722	58,914	28,853	36,904	-	-							

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated

Functional Classification of Rate Base

Line No.	Description	2	3	4	5	6	7	8	9	10	Distribution		12	13	14	15	16	17
		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines		Line Transformers		Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)	
							Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)
1	Average Net Book Value	95,513,749	38,869,723	45,257,995	-	1,035,405	3,914,077	1,159,823	749,704	1,327,039	620,896	702,300	417,884	756,310	302,355	400,239	-	-
2	Cash Working Capital	62,057	25,254	29,405	-	673	2,543	754	487	862	403	456	272	491	196	260	-	-
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Fuel Inventory - Diesel	5,700,591	-	5,700,591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Inventory/Supplies	1,653,208	634,397	720,179	-	17,703	122,608	36,104	15,679	27,753	19,615	22,029	10,307	12,456	4,853	9,525	-	-
Deferred Charges:																		
Foreign Exchange Loss and Regulatory																		
7	Costs	4,590,894	1,868,284	2,175,338	-	49,767	188,131	55,747	36,035	63,784	29,844	33,756	20,086	36,352	14,533	19,238	-	-
8	Retired Asset Pool	12,632,077	5,140,677	5,985,551	-	136,936	517,652	153,391	99,151	175,506	82,116	92,882	55,267	100,025	39,988	52,933	-	-
9	Total Rate Base	120,152,576	46,538,335	59,869,059	-	1,240,484	4,745,011	1,405,619	901,056	1,594,945	752,874	851,424	503,815	905,634	361,925	482,195	-	-
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Rate Base Available for Equity Return	120,152,576	46,538,335	59,869,059	-	1,240,484	4,745,011	1,405,619	901,056	1,594,945	752,874	851,424	503,815	905,634	361,925	482,195	-	-
12	Return on Debt	3,616,593	1,400,804	1,802,059	-	37,339	142,825	42,315	27,122	48,008	22,662	25,628	15,165	27,260	10,894	14,514	-	-
13	Return on Equity	2,246,853	870,267	1,119,551	-	23,197	88,732	26,289	16,850	29,825	14,079	15,922	9,421	16,935	6,768	9,017	-	-
14	Return on Rate Base	5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Functional Classification of Rate Base (CONTD.)

Line No.	1 Description	18 Basis of Functional Classification
1	Average Net Book Value	Sch. 2.3 , L. 23
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1
3	Fuel Inventory - No. 6 Fuel	Production - Energy
4	Fuel Inventory - Diesel	
5	Fuel Inventory - Gas Turbine	
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23
Deferred Charges:		
Foreign Exchange Loss and Regulatory		
7	Costs	Prorated on Average Net Book Value, L. 1
8	Retired Asset Pool	Prorated on Average Net Book Value, L. 1
9	Total Rate Base	
10	Less: Rural Portion	
11	Rate Base Available for Equity Return	
12	Return on Debt	L.9 x Sch.1.1,p2,L.16
13	Return on Equity	L.11 x Sch.1.1,p2,L.19
14	Return on Rate Base	

Line No.	Description
1	

[illegible]

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	Revenue Related	
		18 Municipal Tax (Prior Year (Rural Revenues))	19 PUB Assessment (Prior Year (Revenues + RSP))
Amounts			
1	1.2 Domestic Diesel	3,281,626	3,281,626
2	1.2G Government Domestic Diesel	826,883	826,883
3	1.23 Churches, Schools & Com Halls	210,070	210,070
4	2.1 GS 0-10 kW	1,307,106	1,307,106
5	2.2 GS 10-100 kW	3,170,396	3,170,396
6	2.3 GS 110-1,000 kVa	262,528	262,528
7	2.4 GS Over 1,000 kVa	205,566	205,566
8	4.1 Street and Area Lighting	110,871	110,871
9	4.1G Gov't Street and Area Lighting	8,864	8,864
10	Total	9,383,911	9,383,911
Ratios			
11	1.2 Domestic Diesel	0.3497	0.3497
12	1.2G Government Domestic Diesel	0.0881	0.0881
13	1.23 Churches, Schools & Com Halls	0.0224	0.0224
14	2.1 GS 0-10 kW	0.1393	0.1393
15	2.2 GS 10-100 kW	0.3379	0.3379
16	2.3 GS 110-1,000 kVa	0.0280	0.0280
17	2.4 GS Over 1,000 kVa	0.0219	0.0219
20	4.1 Street and Area Lighting	0.0118	0.0118
21	4.1G Gov't Street and Area Lighting	0.0009	0.0009
22	Total	1.0000	1.0000

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service
Labrador Isolated

Line No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Customer (\$)	Line Transformers Demand (\$)	Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lighting Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Allocated Revenue Requirement Excluding Return																		
1	1.2 Domestic Diesel		21,713,165	5,227,588	14,614,673	-	77,203	478,414	164,218	71,309	147,957	75,801	99,783	40,439	77,950	-	540,328	-
2	1.2G Government Domestic Diesel		773,651	189,095	506,352	-	2,793	17,305	4,328	2,579	3,899	2,742	2,630	1,066	2,054	-	14,240	-
3	1.23 Churches, Schools & Com Halls		1,169,126	207,725	903,736	-	3,068	19,010	3,604	2,834	3,248	3,012	2,190	888	1,711	-	11,860	-
4	2.1 GS 0-10 kW		3,206,931	626,901	2,253,390	-	9,258	57,372	28,456	8,551	25,639	9,090	17,291	13,156	25,360	-	93,630	-
5	2.2 GS 10-100 kW		8,327,862	1,655,279	6,273,105	-	24,446	151,486	8,960	22,579	8,072	24,002	5,444	10,524	20,287	-	29,480	-
6	2.3 GS 110-1,000 kVa		1,629,157	131,342	1,467,121	-	1,940	12,020	441	1,792	398	1,904	268	915	1,764	-	1,452	-
7	2.4 GS Over 1,000 kVa		1,222,889	99,671	1,102,839	-	1,472	9,122	74	1,360	66	1,445	45	153	294	-	242	-
8	4.1 Street and Area Lighting		259,262	39,123	107,940	-	578	3,580	9,048	534	8,152	567	5,498	-	51,177	-	29,771	-
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Total		38,302,306	8,176,723	27,229,155	-	120,758	748,311	219,129	111,538	197,431	118,564	133,148	67,140	129,420	51,177	721,003	-
Allocated Return on Debt and Equity																		
11	1.2 Domestic Diesel		3,458,350	1,451,954	1,568,112	-	38,702	148,040	51,413	28,112	58,329	23,489	31,138	14,808	26,619	-	17,634	-
12	1.2G Government Domestic Diesel		120,742	52,521	54,330	-	1,400	5,355	1,355	1,017	1,537	850	821	390	702	-	465	-
13	1.23 Churches, Schools & Com Halls		168,523	57,695	96,968	-	1,538	5,883	1,128	1,117	1,280	933	683	325	584	-	387	-
14	2.1 GS 0-10 kW		485,431	174,121	241,782	-	4,641	17,753	8,909	3,371	10,108	2,817	5,396	4,818	8,660	-	3,056	-
15	2.2 GS 10-100 kW		1,227,737	459,751	673,086	-	12,255	48,876	2,805	8,902	3,182	7,438	1,699	3,854	6,928	-	962	-
16	2.3 GS 110-1,000 kVa		201,250	36,480	157,418	-	972	3,719	138	706	157	590	84	335	602	-	47	-
17	2.4 GS Over 1,000 kVa		150,786	27,683	118,331	-	738	2,823	23	536	26	448	14	56	100	-	8	-
20	4.1 Street and Area Lighting		50,627	10,866	11,582	-	290	1,108	2,833	210	3,214	176	1,716	-	17,662	-	972	-
21	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total		5,863,446	2,271,071	2,921,610	-	60,536	231,557	68,604	43,972	77,833	36,740	41,549	24,586	44,195	17,662	23,531	-

Schedule 3.2C
Page 2 of 4

NEWFOUNDLAND & LABRADOR HYDRO					
2027 Test Year Cost of Service Study					
Labrador Isolated					
Allocation of Functionalized Amounts to Classes of Service (CONTD.)					
Line No.	Description	18	19		
		Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Allocated Return on Debt and Equity					
11	1.2 Domestic Diesel	-	-		
12	1.2G Government Domestic Diesel	-	-		
13	1.23 Churches, Schools & Com Halls	-	-		
14	2.1 GS 0-10 kW	-	-		
15	2.2 GS 10-100 kW	-	-		
16	2.3 GS 110-1,000 kVa	-	-		
17	2.4 GS Over 1,000 kVa	-	-		
20	4.1 Street and Area Lighting	-	-		
21	4.1G Gov't Street and Area Lighting	-	-		
22	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONTD.)
Labrador Isolated

Line No.	Description	1	2	3	4	5	6	Distribution				13	14	15	16	17
								Substations	Primary Lines	Line Transformers	Secondary Lines					
			Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Total Revenue Requirement																
1	1.2 Domestic Diesel		25,171,515	6,679,542	16,182,786	-	115,905	626,454	215,631	99,421	206,286	130,921	55,247	104,569	-	557,962
2	1.2G Government Domestic Diesel		894,393	241,616	580,683	-	4,193	22,660	5,683	3,596	5,436	3,450	1,466	2,756	-	14,705
3	1.23 Churches, Schools & Com Halls		1,337,649	265,420	1,000,704	-	4,606	24,893	4,733	3,951	4,528	2,874	1,213	2,295	-	12,247
4	2.1 GS 0-10 kW		3,692,362	801,021	2,495,172	-	13,900	75,125	37,365	11,923	35,746	22,686	17,974	34,020	-	96,686
5	2.2 GS 10-100 kW		9,555,598	2,115,030	6,946,191	-	36,701	198,362	11,765	31,481	11,255	7,143	14,378	27,215	-	30,442
6	2.3 GS 110-1,000 kVA		1,830,407	167,822	1,624,539	-	2,912	15,739	580	2,498	554	352	1,250	2,366	-	1,500
7	2.4 GS Over 1,000 kVA		1,373,675	127,354	1,221,170	-	2,210	11,944	97	1,896	92	59	208	394	-	250
8	4.1 Street and Area Lighting		309,889	49,989	119,522	-	867	4,688	11,881	744	11,366	7,213	-	68,839	-	30,742
9	4.1G Gov't Street and Area Lighting		263	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Total		44,165,752	10,447,794	30,150,766	-	181,293	979,867	287,733	155,509	275,264	174,698	91,727	173,615	68,839	744,534
Re-classification of Revenue-Related																
11	1.2 Domestic Diesel		0	25,974	62,927	-	451	2,436	838	387	802	509	215	407	-	2,170
12	1.2G Government Domestic Diesel		(0)	6,824	15,836	-	118	640	161	102	154	97	41	78	-	415
13	1.23 Churches, Schools & Com Halls		0	1,244	4,691	-	22	117	22	19	21	13	6	11	-	57
14	2.1 GS 0-10 kW		(0)	8,515	26,523	-	148	799	397	127	380	241	191	362	-	1,028
15	2.2 GS 10-100 kW		0	21,057	69,155	-	365	1,975	117	313	112	71	143	271	-	303
16	2.3 GS 110-1,000 kVA		0	718	6,952	-	12	67	2	11	2	2	5	10	-	6
17	2.4 GS Over 1,000 kVA		(0)	569	5,454	-	10	53	0	8	0	0	1	2	-	1
20	4.1 Street and Area Lighting		(0)	537	1,284	-	9	50	128	8	122	78	-	740	-	330
21	4.1G Gov't Street and Area Lighting		(263)	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total		(263)	65,438	192,824	-	1,135	6,137	1,666	974	1,594	1,012	602	1,140	740	4,311
Total Allocated Revenue Requirement																
23	1.2 Domestic Diesel		25,171,515	6,705,516	16,245,713	-	116,356	628,890	216,469	99,808	207,088	131,430	55,462	104,975	-	560,132
24	1.2G Government Domestic Diesel		894,393	248,440	576,519	-	4,311	23,300	5,843	3,698	5,590	3,548	1,497	2,894	-	15,120
25	1.23 Churches, Schools & Com Halls		1,337,649	266,664	1,005,395	-	4,627	25,010	4,755	3,969	4,549	2,887	1,218	2,306	-	12,304
26	2.1 GS 0-10 kW		3,692,362	809,636	2,521,695	-	14,047	75,924	37,763	12,049	36,126	22,928	18,165	34,382	-	97,714
27	2.2 GS 10-100 kW		9,555,598	2,136,087	7,015,346	-	37,066	200,337	11,882	31,794	11,367	7,214	14,522	27,486	-	30,745
28	2.3 GS 110-1,000 kVA		1,830,407	168,540	1,631,491	-	2,925	15,807	582	2,509	557	353	1,256	2,376	-	1,506
29	2.4 GS Over 1,000 kVA		1,373,675	127,923	1,226,624	-	2,220	11,998	97	1,904	93	59	209	396	-	251
32	4.1 Street and Area Lighting		309,889	50,527	120,806	-	877	4,739	12,008	752	11,488	7,291	-	69,579	-	31,072
33	4.1G Gov't Street and Area Lighting		-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Total		44,165,488	10,513,232	30,343,589	-	182,429	986,005	289,399	156,483	276,858	175,709	92,329	174,755	69,579	748,845

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
Labrador Isolated
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18 Revenue Related		19 PUB	
		Municipal Tax (\$)	Assessment (\$)	Basis of Proration	
Total Revenue Requirement					
1	1.2 Domestic Diesel	91,984	5,518		
2	1.2G Government Domestic Diesel	23,177	1,390		
3	1.23 Churches, Schools & Com Halls	5,888	353		
4	2.1 GS 0-10 kW	36,638	2,198		
5	2.2 GS 10-100 kW	88,866	5,331		
6	2.3 GS 110-1,000 kVa	7,359	441		
7	2.4 GS Over 1,000 kVa	5,762	346		
8	4.1 Street and Area Lighting	3,108	186		
9	4.1G Gov't Street and Area Lighting	248	15		
10	Total	263,030	15,779		
Re-classification of Revenue-Related					
11	1.2 Domestic Diesel	(91,984)	(5,518)	Re-classification to demand, energy and customer is based on rate class revenue requirements excluding revenue-related items.	
12	1.2G Government Domestic Diesel	(23,177)	(1,390)		
13	1.23 Churches, Schools & Com Halls	(5,888)	(353)		
14	2.1 GS 0-10 kW	(36,638)	(2,198)		
15	2.2 GS 10-100 kW	(88,866)	(5,331)		
16	2.3 GS 110-1,000 kVa	(7,359)	(441)		
17	2.4 GS Over 1,000 kVa	(5,762)	(346)		
20	4.1 Street and Area Lighting	(3,108)	(186)		
21	4.1G Gov't Street and Area Lighting	(248)	(15)		
22	Total	(263,030)	(15,779)		
Total Allocated Revenue Requirement					
23	1.2 Domestic Diesel	-	-		
24	1.2G Government Domestic Diesel	-	-		
25	1.23 Churches, Schools & Com Halls	-	-		
26	2.1 GS 0-10 kW	-	-		
27	2.2 GS 10-100 kW	-	-		
28	2.3 GS 110-1,000 kVa	-	-		
29	2.4 GS Over 1,000 kVa	-	-		
32	4.1 Street and Area Lighting	-	-		
33	4.1G Gov't Street and Area Lighting	-	-		
34	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement

Line No.	Description	2	3	4	5	Distribution										16	17		
						Transmission		Primary Lines		Line Transformers		Secondary Lines		Services				Direct Lightin	
						Demand (\$)	Energy (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Customer (\$)	Customer (\$)			Customer (\$)	Customer (\$)
Expenses																			
1	Operating & Maintenance	2,238,392	1,275,200	-	-	100,796	307,043	89,651	25,448	45,045	51,710	56,720	9,086	28,797	13,580	142,113	-		
2	Fuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Fuels-Diesel	756,000	-	756,000	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Fuels-Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Power Purchases-CF(L)Co	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Power Purchases-Other	4,104,300	-	4,104,300	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Depreciation	1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,597	4,086	30,524	19,412	10,926	-		
Expense Credits																			
8	Sundry	(7,321)	(4,171)	-	-	(330)	(1,004)	(293)	(83)	(147)	(169)	(186)	(30)	(94)	(44)	(465)	-		
9	Building Rental Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	Tax Refunds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	Suppliers' Discounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Pole Attachments	(61,423)	-	-	-	-	(35,524)	(12,140)	-	-	(6,288)	(7,471)	-	-	-	-	-		
13	Secondary Energy Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Wheeling Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Application Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16	Meter Test Revenues	(432)	-	-	-	-	-	-	-	-	-	-	-	-	-	(432)	-		
17	Total Expense Credits	(69,176)	(4,171)	-	-	(330)	(36,528)	(12,434)	(83)	(147)	(6,457)	(7,656)	(30)	(94)	(44)	(897)	-		
18	Subtotal Expenses	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-		
19	Disposal Gain / Loss	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Subtotal Revenue Requirement Ex. Return	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,059	79,759	76,884	84,661	13,142	59,227	32,948	152,142	-		
21	Return on Debt	807,239	515,833	2,820	-	80,989	93,023	26,427	11,363	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-		
22	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	16,418	7,059	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-		
23	Total Revenue Requirement	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-		

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Revenue Requirement (CONTD.)

Line No.	Description	18		19		20
		Municipal Tax (\$)	Revenue Related	PUB Assessment (\$)	Basis of Functional Classification	
1	Expenses					
2	Operating & Maintenance	87,928		5,275	Carryforward from Sch.2.4 L.24	
3	Fuels	-		-	Production - Energy	
4	Fuels-Diesel	-		-	Production - Energy	
5	Fuels-Gas Turbine	-		-	Production - Energy	
6	Power Purchases -CF(L)Co	-		-		
7	Power Purchases-Other	-		-	Carryforward from Sch.4.4 L.21	
	Depreciation	-		-	Carryforward from Sch.2.5 L.23	
8	Expense Credits					
9	Sundry	(288)		(17)	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
10	Building Rental Income	-		-	Prorated on Production, Transmission & Distribution Plant - Sch.2.2 L.17	
11	Tax Refunds	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
12	Suppliers' Discounts	-		-	Prorated on Total Operating & Maintenance Expenses - Sch.2.4 L.24	
13	Pole Attachments	-		-	Prorated on Distribution Poles - Sch.4.1 L.37	
14	Secondary Energy Revenues	-		-	Production - Energy	
15	Wheeling Revenues	-		-	Transmission - Demand, Energy ratios Sch.4.1 L.16	
16	Application Fees	-		-	Accounting - Customer	
17	Meter Test Revenues	-		-	Meters - Customer	
	Total Expense Credits	(288)		(17)		
18	Subtotal Expenses	87,641		5,257		
19	Disposal Gain / Loss	-		-	Prorated on Total Net Book Value - Sch.2.3 L.23	
20	Subtotal Revenue Requirement Ex. Return	87,641		5,257		
21	Return on Debt	-		-	Prorated on Rate Base - Sch.2.6 L.9	
22	Return on Equity	-		-	Prorated on Rate Base - Sch.2.6 L.11	
23	Total Revenue Requirement	87,641		5,257		

NEWFOUNDI AND I ARRADOR HYDRO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Line No.	Description	Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Secondary Lines Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Lightin Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1	Diesel	20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Subtotal Production	20,618,739	20,618,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6	Substation Structures & Equipment	2,430,420	66,299	-	-	2,364,122	-	-	-	-	-	-	-	-	-	-	-
7	Land & Land Improvements	452,466	-	-	-	-	341,137	43,459	-	-	39,568	28,302	-	-	-	-	-
8	Poles	9,870,601	-	-	-	-	5,708,642	1,950,944	-	-	1,010,434	1,200,581	-	-	-	-	-
9	Primary Conductor & Equipment	1,561,625	-	-	-	-	1,385,161	176,464	-	-	-	-	-	-	-	-	-
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Transformers	1,706,981	-	-	-	-	-	-	616,220	1,090,761	-	-	-	-	-	-	-
12	Secondary Conductors & Equipment	346,715	-	-	-	-	-	-	-	202,135	-	144,580	-	-	-	-	-
13	Services	220,006	-	-	-	-	-	-	-	-	-	-	220,006	-	-	-	-
14	Meters	517,483	-	-	-	-	-	-	-	-	-	-	-	517,483	-	-	-
15	Street Lighting	328,828	-	-	-	-	-	-	-	-	-	-	-	-	328,828	-	-
16	Subtotal Distribution	17,435,125	66,299	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-	-
Subttl Prod, Trans, & Dist																	
17		38,053,864	20,685,037	-	-	2,364,122	7,434,941	2,170,867	616,220	1,090,761	1,252,136	1,373,463	220,006	517,483	328,828	-	-
General																	
18		3,153,661	1,876,333	-	-	142,013	4,48,618	130,404	37,016	65,522	75,216	82,504	13,216	42,644	19,753	222,420	-
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Feasibility Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Software - General	165,343	89,876	-	-	10,272	32,305	9,432	2,677	4,739	5,441	5,968	956	2,248	1,429	-	-
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Plant																	
23		41,372,668	22,651,247	-	-	2,516,407	7,913,864	2,310,704	655,914	1,161,022	1,332,793	1,461,935	234,178	562,376	350,009	222,420	-

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Plant in Service for the Allocation of O&M Expense (CONTD.)

Line No.	1	Description	18 Basis of Functional Classification
		Production	
1		Diesel	Production - Demand, Energy ratios Sch.4.1 L.8
2		Subtotal Production	
		Transmission	
3		Lines	Production, Transmission - Demand; Distribution - Primary Demand; Spec Assigned - Customer
4		Terminal Stations	Production, Transmission - Demand; Spec Assigned - Customer
5		Subtotal Transmission	
		Distribution	
6		Substation Structures & Equipment	Production - Demand; Dist Substns - Demand
7		Land & Land Improvements	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.32
8		Poles	Primary, Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.37
9		Primary Conductor & Equipment	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.38
10		Submarine Conductor	Primary - Demand, Customer - zero intercept ratios Sch.4.1 L.39
11		Transformers	Transformers - Demand, Customer - zero intercept ratios Sch.4.1 L.40
12		Secondary Conductors & Equipment	Secondary - Demand, Customer - zero intercept ratios Sch.4.1 L.41
13		Services	Services Customer
14		Meters	Meters - Customer
15		Street Lighting	Street Lighting - Customer
16		Subtotal Distribution	
17		Subttl Prod, Trans, & Dist	
18		General	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - Sch.2.4 L.11, 12
19		Telecontrol - Specific	Specifically Assigned - Customer
20		Feasibility Studies	Production, Transmission - Demand
21		Software - General	Prorated on subtotal Production, Transmission, & Distribution plant - L.17
22		Software - Customer Accounting	Customer Accounting
23		Total Plant	

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Net Book Value

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Description		Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)	Line Transformers Customer (\$)	Distribution Demand (\$)	Secondary Lines Customer (\$)	Services Customer (\$)	Meters Customer (\$)	Street Light Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
Production																	
1 Diesel		15,033,294	15,033,294	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Subtotal Production		15,033,294	15,033,294	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																	
3 Lines		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Terminal Stations		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Subtotal Transmission		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																	
6 Substation Structures & Equipment		2,440,494	9,074	-	-	2,431,420	-	-	-	-	-	-	-	-	-	-	-
7 Land & Land Improvements		334,240	-	-	-	-	32,104	-	-	-	29,229	20,907	-	-	-	-	-
8 Poles		3,308,260	-	-	-	-	1,913,326	653,884	-	-	338,660	402,390	-	-	-	-	-
9 Primary Conductor & Equipment		524,157	-	-	-	-	464,927	59,230	-	-	-	-	-	-	-	-	-
10 Submarine Conductor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Transformers		917,847	-	-	-	-	-	-	331,343	586,505	-	-	-	-	-	-	-
12 Secondary Conductors & Equipment		120,694	-	-	-	-	-	-	-	-	70,365	50,329	-	-	-	-	-
13 Services		54,609	-	-	-	-	-	-	-	-	-	-	54,609	-	-	-	-
14 Meters		365,361	-	-	-	-	-	-	-	-	-	-	-	365,361	-	-	-
15 Street Lighting		207,035	-	-	-	-	-	-	-	-	-	-	-	-	207,035	-	-
16 Subtotal Distribution		8,272,698	9,074	-	-	2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035	-	-
17 Subtl Prod, Trans, & Dist		23,305,992	15,042,368	-	-	2,431,420	2,630,253	745,218	331,343	586,505	438,254	473,626	54,609	365,361	207,035	-	-
18 General		1,218,691	725,085	-	-	54,879	172,590	50,393	14,305	25,320	29,066	31,883	5,107	16,479	7,633	85,951	-
19 Telecontrol - Specific		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Feasibility Studies		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Software - General		162,163	104,665	-	-	16,918	18,301	5,185	2,305	4,081	3,049	3,295	380	2,542	1,441	-	-
22 Software - Cust Acctg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Total Net Book Value		24,686,846	15,872,117	-	-	2,503,217	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup

Functional Classification of Operating & Maintenance Expense

Line No.	Description	2	3	4	5	Distribution						13	14	15	16	17
						Production Demand (\$)	Transmission Demand (\$)	Substations Demand (\$)	Primary Lines Demand (\$)	Primary Lines Customer (\$)	Line Transformers Demand (\$)					
Production																
1	Diesel	822,932	822,932	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Other	13,430	13,430	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Subtotal Production	836,362	836,362	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmission																
4	Transmission Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution																
8	Other	453,948	1,779	-	-	63,436	199,500	58,250	29,268	33,598	36,854	5,903	-	8,823	-	-
9	Meters	19,049	-	-	-	-	-	-	-	-	-	-	19,049	-	-	-
10	Subtotal Distribution	472,997	1,779	-	-	63,436	199,500	58,250	29,268	33,598	36,854	5,903	19,049	8,823	-	-
11	Subtltl Prod, Trans, & Dist	1,309,359	838,141	-	-	63,436	199,500	58,250	29,268	33,598	36,854	5,903	19,049	8,823	-	-
12	Customer Accounting	99,353	-	-	-	-	-	-	-	-	-	-	-	-	99,353	-
Administrative & General:																
Plant-Related:																
13	Production	40,074	40,074	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Distribution	45,672	174	-	-	6,193	19,476	5,687	2,857	3,280	3,598	576	1,356	861	-	-
16	Prod, Trans, Distn Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Prod, Trans, Distn & General Plt	3,364	1,842	-	-	205	643	188	94	108	119	19	46	28	18	-
18	Property Insurance	35,075	30,201	-	-	3,355	598	175	88	101	110	18	57	26	298	-
Revenue Related:																
19	Municipal Tax	87,928	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	PUB Assessment	5,275	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	All Expense-Related Prod, Trans, and Distn Expense-	601,806	358,056	-	-	27,100	85,227	24,885	12,503	14,353	15,744	2,522	8,138	3,769	42,444	-
22	Related	10,486	6,713	-	-	508	1,598	467	234	269	295	47	153	71	-	-
23	Subtotal Admin & General	829,680	437,059	-	-	37,360	107,542	31,400	15,777	18,111	19,866	3,182	9,749	4,756	42,760	-
24	Total Operating & Maintenance Expenses	2,238,392	1,275,200	-	-	100,796	307,043	89,651	45,045	51,710	56,720	9,086	28,797	13,580	142,113	-

Schedule 2.4D
Page 2 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study

L'Anse au Loup

Functional Classification of Operating & Maintenance Expense (CONTD.)

Line No.	Description	18		19		20	
		Municipal Tax	Revenue Related	PUB Assessment	Basis of Functional Classification		
	Production						
1	Diesel	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8		
2	Other	-	-	-	Production - Demand, Energy ratios Sch.4.1 L8		
3	Subtotal Production	-	-	-			
	Transmission						
4	Transmission Lines	-	-	-	Prorated on Transmission Lines Plant in Service - Sch.2.2 L.3		
5	Terminal Stations	-	-	-	Prorated on Transmission Terminal Stations Plant in Service - Sch.2.2 L.4		
6	Other	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5		
7	Subtotal Transmission	-	-	-			
	Distribution						
8	Other	-	-	-	Prorated on Distribution Plant, excluding Meters - Sch. 2.2 L. 16, less L. 14		
9	Meters	-	-	-	Meters - Customer		
10	Subtotal Distribution	-	-	-			
11	Subttl Prod, Trans, & Dist	-	-	-			
12	Customer Accounting	-	-	-	Accounting - Customer		
	Administrative & General:						
	Plant-Related:						
13	Production	-	-	-	Prorated on Production Plant in Service - Sch.2.2 L.2		
14	Transmission	-	-	-	Prorated on Transmission Plant in Service - Sch.2.2 L.5		
15	Distribution	-	-	-	Prorated on Distribution Plant in Service - Sch.2.2 L.16		
16	Prod, Trans, Distn Plant	-	-	-	Prorated on Production, Transmission & Distribution Plant in Service - Sch.2.2 L.17		
17	Prod, Trans, Distn & General Plt	-	-	-	Prorated on Production, Transmission, Distribution & General Plant in Service - Sch.2.2 L.23		
18	Property Insurance	-	-	-	Prorated on Prod., Trans. Terminal, Dist Sub & General Plant in Service - Sch.2.2 L.2, 4, 6, 18 - 19		
	Revenue Related:						
19	Municipal Tax	87,928	-	-	Revenue-related		
20	PUB Assessment	-	-	5,275	Revenue-related		
21	All Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution, Accounting Expenses - L.11, 12		
22	Prod, Trans, and Distn Expense-Related	-	-	-	Prorated on Subtotal Production, Transmission, Distribution Expenses - L.11		
23	Subtotal Admin & General	87,928	-	5,275			
24	Total Operating & Maintenance Expenses	87,928	-	5,275			

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Depreciation Expense

Line No.	Description	2	3	4	5	Distribution										16	17						
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmission Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)				
Production																							
1	Diesel	831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
2	Subtotal Production	831,373	831,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Transmission																							
3	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Terminal Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5	Subtotal Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Distribution																							
6	Substation Structures & Equipment	27,473	296	-	-	27,177	-	-	-	-	-	-	-	-	-	-	-						
7	Land & Land Improvements	7,258	-	-	-	-	5,472	697	-	-	635	454	-	-	-	-	-						
8	Poles	229,935	-	-	-	-	132,982	45,447	-	-	23,538	27,967	-	-	-	-	-						
9	Primary Conductor & Equipment	21,388	-	-	-	-	18,971	2,417	-	-	-	-	-	-	-	-	-						
10	Submarine Conductor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Transformers	47,675	-	-	-	-	-	-	17,211	30,464	-	-	-	-	-	-	-						
12	Secondary Conductors & Equipment	4,672	-	-	-	-	-	-	-	-	2,724	1,948	-	-	-	-	-						
13	Services	3,309	-	-	-	-	-	-	-	-	-	-	3,309	-	-	-	-						
14	Meters	27,371	-	-	-	-	-	-	-	-	-	-	-	27,371	-	-	-						
15	Street Lighting	17,756	-	-	-	-	-	-	-	-	-	-	-	-	17,756	-	-						
16	Subtotal Distribution	386,836	296	-	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-						
Subtotal Prod Tran & Dist																							
17		1,218,208	831,669	-	-	27,177	157,426	48,561	17,211	30,464	26,897	30,370	3,309	27,371	17,756	-	-						
General																							
18	General	154,920	92,173	-	-	6,976	21,940	6,406	1,818	3,219	3,695	4,053	649	2,095	970	10,926	-						
19	Telecontrol - Specific	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
20	GEC and AFUDC	4,499	3,071	-	-	100	581	179	64	112	99	112	12	101	66	-	-						
21	Software - General	42,606	29,087	-	-	950	5,506	1,698	602	1,065	941	1,062	116	957	621	-	-						
22	Software - Cust Acctg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Total Depreciation Expense																							
23		1,420,232	955,999	-	-	35,204	185,452	56,845	19,694	34,861	31,631	35,997	4,086	30,524	19,412	10,926	-						

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base

Line No.	Description	2	3	4	5	Distribution										15	16	Specifically Assigned Customer (\$)				
						Substations		Primary Lines		Line Transformers		Secondary Lines		Services					Meters		Street Lightin	
						Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Customer (\$)	Customer (\$)	Customer (\$)	Customer (\$)
1	Average Net Book Value	24,686,846	15,872,117	-	-	2,821,144	800,796	347,953	615,906	470,370	508,805	60,096	384,383	216,109	85,951	-						
2	Cash Working Capital	16,039	10,312	-	-	1,826	520	226	400	306	331	39	250	140	56	-						
3	Fuel Inventory - No. 6 Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4	Fuel Inventory - Diesel	93,674	-	93,674	-	-	-	-	-	-	-	-	-	-	-	-						
5	Fuel Inventory - Gas Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6	Inventory/Supplies	473,133	259,036	-	-	28,777	26,425	7,501	13,277	15,242	16,718	2,678	6,431	4,003	2,544	-						
Deferred Charges:																						
Foreign Exchange Loss and																						
7	Regulatory Costs	1,186,580	762,898	-	-	135,599	38,490	16,724	29,604	22,608	24,456	2,889	18,475	10,387	4,131	-						
8	Retired Asset Pool	362,309	232,942	-	-	36,738	41,404	5,107	9,039	6,903	7,467	882	5,641	3,172	1,261	-						
9	Total Rate Base	26,818,581	17,137,305	93,674	-	3,090,676	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
10	Less: Rural Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
11	Rate Base Available for Equity Return	26,818,581	17,137,305	93,674	-	2,690,676	877,984	377,511	668,226	515,429	557,777	66,584	415,180	233,811	93,944	-						
12	Return on Debt	807,239	515,833	2,820	-	80,989	26,427	11,363	20,114	15,514	16,789	2,004	12,497	7,038	2,828	-						
13	Return on Equity	501,507	320,468	1,752	-	50,316	57,792	7,059	12,496	9,639	10,430	1,245	7,764	4,372	1,757	-						
14	Return on Rate Base	1,308,747	836,300	4,571	-	131,305	150,815	18,423	32,609	25,153	27,220	3,249	20,261	11,410	4,584	-						

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Functional Classification of Rate Base (CONTD.)

Line No.	Description	18	
		Basis of Functional Classification	
1	Average Net Book Value	Sch. 2.3, L. 23	
2	Cash Working Capital	Prorated on Average Net Book Value, L. 1	
3	Fuel Inventory - No. 6 Fuel	Production - Energy	
4	Fuel Inventory - Diesel		
5	Fuel Inventory - Gas Turbine		
6	Inventory/Supplies	Prorated on Total Plant in Service, Sch. 2.2, L. 23	
7	Deferred Charges:		
8	Foreign Exchange Loss and		
9	Regulatory Costs	Prorated on Average Net Book Value, L. 1	
	Retired Asset Pool	Prorated on Average Net Book Value, L. 1	
	Total Rate Base		
10	Less: Rural Portion		
11	Rate Base Available for Equity Return		
12	Return on Debt	L.9 x Sch.1.1,p2,L.16	
13	Return on Equity	L.11 x Sch.1.1,p2,L.19	
14	Return on Rate Base		

Schedule 3.1D
Page 1 of 2

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Basis of Allocation to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Municipal Tax (Prior Year (Rural Revenues)	PUB Assessment (Prior Year (Revenues + RSP))		
Amounts					
1	1.1 Domestic Diesel	609,244	609,244		
2	1.12 Domestic All Electric	1,321,780	1,321,780		
3	2.1 GS 0-10 kW	899,489	899,489		
4	2.2 GS 10-100 kW	-	-		
5	2.3 GS 110-1,000 kVa	277,254	277,254		
6	4.1 Street and Area Lighting	18,925	18,925		
7	Total	3,126,692	3,126,692		
Ratios					
8	1.1 Domestic Diesel	0.1949	0.1949		
9	1.12 Domestic All Electric	0.4227	0.4227		
10	2.1 GS 0-10 kW	0.2877	0.2877		
11	2.2 GS 10-100 kW	-	-		
12	2.3 GS 110-1,000 kVa	0.0887	0.0887		
13	4.1 Street and Area Lighting	0.0061	0.0061		
14	Total	1.0000	1.0000		

L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service

Line No.	Description	2	3	4	5	Distribution										16	Specifically Assigned Customer (\$)			
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers				Secondary Lines		Accounting Customer (\$)
										Demand (\$)		Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)			Demand (\$)	Customer (\$)	
Allocated Revenue Requirement Excluding Return																				
1	1.1 Domestic Diesel	1,889,747	554,506	959,029	-	33,781	113,531	48,946	11,219	29,120	19,143	30,910	2,890	13,024	-	55,547				
2	1.1.2 Domestic All Electric	3,816,627	1,057,198	2,172,394	-	64,405	216,453	56,699	21,390	33,733	36,498	35,806	3,348	15,087	-	64,346				
3	2.1 GS 0-10 kW	2,046,179	489,511	1,259,419	-	29,821	100,224	23,141	9,904	13,768	16,900	14,614	6,518	29,373	-	26,262				
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
5	2.3 GS 110-1,000 kVa	626,992	119,082	456,772	-	7,255	24,381	778	2,409	463	4,111	491	387	1,743	-	883				
6	4.1 Street and Area Lighting	70,204	6,731	12,687	-	410	1,378	4,498	136	2,676	232	2,841	-	32,948	-	5,105				
7	Total	8,449,749	2,227,028	4,860,300	-	135,671	455,967	134,062	45,039	79,759	76,884	84,661	13,142	59,227	32,948	152,142				
Allocated Return on Debt and Equity																				
8	1.1 Domestic Diesel	334,557	208,230	902	-	32,694	37,551	15,643	4,587	11,906	6,263	9,938	715	4,455	-	1,674				
9	1.1.2 Domestic All Electric	605,009	397,002	2,043	-	62,332	71,594	18,121	8,745	13,792	11,940	11,512	828	5,161	-	1,939				
10	2.1 GS 0-10 kW	286,771	183,823	1,185	-	28,861	33,150	7,396	4,049	5,629	5,529	4,699	1,611	10,048	-	791				
11	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
12	2.3 GS 110-1,000 kVa	63,877	44,718	430	-	7,021	8,064	249	985	189	1,345	158	96	596	-	27				
13	4.1 Street and Area Lighting	18,533	2,528	12	-	397	456	1,438	56	1,094	76	913	-	11,410	-	154				
14	Total	1,308,747	836,300	4,571	-	131,305	150,815	42,846	18,423	32,609	25,153	27,220	3,249	20,261	17,410	4,584				

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup
Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	18		19	
		Municipal Tax (\$)	Revenue Related PUB Assessment (\$)	Basis of Proration	
Allocated Revenue Requirement Excluding Return					
1	1.1 Domestic Diesel	17,077	1,024		
2	1.12 Domestic All Electric	37,049	2,223		
3	2.1 GS 0-10 kW	25,213	1,512		
4	2.2 GS 10-100 kW	-	-		
5	2.3 GS 110-1,000 kVa	7,771	466		
6	4.1 Street and Area Lighting	530	32		
7	Total	87,641	5,257		
Allocated Return on Debt and Equity					
8	1.1 Domestic Diesel	-	-		
9	1.12 Domestic All Electric	-	-		
10	2.1 GS 0-10 kW	-	-		
11	2.2 GS 10-100 kW	-	-		
12	2.3 GS 110-1,000 kVa	-	-		
13	4.1 Street and Area Lighting	-	-		
14	Total	-	-		

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Allocation of Functionalized Amounts to Classes of Service (CONT'D.)

Line No.	Description	2	3	4	5	Distribution										15	16	17							
						Total Amount (\$)	Production Demand (\$)	Production Energy (\$)	Transmsn Demand (\$)	Substations		Primary Lines		Line Transformers					Secondary Lines		Services Customer (\$)	Meters Customer (\$)	Street Lightn Customer (\$)	Accounting Customer (\$)	Specifically Assigned Customer (\$)
										Demand (\$)	Demand (\$)	Demand (\$)	Customer (\$)	Demand (\$)	Customer (\$)				Demand (\$)	Customer (\$)					
Total Revenue Requirement																									
1	1.1 Domestic Diesel	2,224,304	762,736	959,931	-	66,474	151,082	64,589	15,806	41,025	25,406	40,847	3,604	17,480	-	57,221	-								
2	1.1.2 Domestic All Electric	4,421,637	1,454,200	2,174,437	-	126,737	288,047	74,820	30,136	47,524	48,438	47,318	4,175	20,248	-	66,285	-								
3	2.1 GS 0-10 kW	2,332,950	673,333	1,260,604	-	58,682	133,374	30,537	13,954	19,397	22,428	19,312	8,129	39,421	-	27,054	-								
4	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
5	2.3 GS 110-1,000 kVa	690,869	163,801	457,201	-	14,276	32,446	1,026	3,394	652	5,456	649	482	2,339	-	909	-								
6	4.1 Street and Area Lighting	88,737	9,259	12,699	-	807	1,834	5,936	192	3,770	308	3,754	-	44,358	5,258	-	-								
7	Total	9,758,496	3,063,329	4,864,871	-	266,976	606,783	176,908	63,482	112,368	102,037	111,880	16,391	79,488	44,358	156,727	-								
Re-classification of Revenue-Related																									
8	1.1 Domestic Diesel	-	6,258	7,876	-	545	1,240	530	130	337	208	335	30	143	-	469	-								
9	1.1.2 Domestic All Electric	0	13,032	19,486	-	1,136	2,581	670	270	426	434	424	37	181	-	594	-								
10	2.1 GS 0-10 kW	(0)	7,803	14,608	-	680	1,546	354	162	225	260	224	94	457	-	314	-								
11	2.2 GS 10-100 kW	-	0	1,977	-	-	392	12	-	-	66	-	-	-	-	-	-								
12	2.3 GS 110-1,000 kVa	0	1,977	5,517	-	172	392	12	41	8	66	8	6	28	-	11	-								
13	4.1 Street and Area Lighting	0	59	81	-	5	12	38	1	24	2	24	-	-	283	34	-								
14	Total	0	29,128	47,568	-	2,539	5,770	1,605	604	1,019	970	1,015	167	810	283	1,421	-								
Total Allocated Revenue Requirement																									
15	1.1 Domestic Diesel	2,224,304	768,994	987,807	-	67,020	152,322	65,119	15,936	41,362	25,615	41,182	3,634	17,623	-	57,690	-								
16	1.1.2 Domestic All Electric	4,421,637	1,467,231	2,193,923	-	127,872	290,629	75,490	30,406	47,950	48,872	47,742	4,213	20,430	-	66,879	-								
17	2.1 GS 0-10 kW	2,332,950	681,136	1,275,212	-	59,363	134,919	30,891	14,115	19,621	22,688	19,536	8,223	39,878	-	27,367	-								
18	2.2 GS 10-100 kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
19	2.3 GS 110-1,000 kVa	690,869	165,777	462,718	-	14,448	32,837	1,039	3,435	660	5,522	657	488	2,367	-	920	-								
20	4.1 Street and Area Lighting	88,737	9,318	12,780	-	812	1,846	5,973	193	3,794	310	3,778	-	44,641	5,292	-	-								
21	Total	9,758,496	3,092,457	4,912,440	-	269,514	612,552	178,512	64,086	113,387	103,008	112,398	16,558	80,298	44,641	158,148	-								

Schedule 3.2D
Page 4 of 4

NEWFOUNDLAND & LABRADOR HYDRO
2027 Test Year Cost of Service Study
L'Anse au Loup

Allocation of Functionalized Amounts to Classes of Service (CONTD.)

Line No.	Description	Revenue Related		
		Municipal Tax (\$)	PUB Assessment (\$)	Basis of Proration
Total Revenue Requirement				
1	1.1 Domestic Diesel	17,077	1,024	
2	1.12 Domestic All Electric	37,049	2,223	
3	2.1 GS 0-10 kW	25,213	1,512	
4	2.2 GS 10-100 kW	-	-	
5	2.3 GS 110-1,000 kVa	7,771	466	
6	4.1 Street and Area Lighting	530	32	
7	Total	87,641	5,257	
Re-classification of Revenue-Related				
8	1.1 Domestic Diesel	(17,077)	(1,024)	Re-classification to demand, energy and customer is based on rate class revenue
9	1.12 Domestic All Electric	(37,049)	(2,223)	requirements excluding revenue-related items.
10	2.1 GS 0-10 kW	(25,213)	(1,512)	
11	2.2 GS 10-100 kW	-	-	
12	2.3 GS 110-1,000 kVa	(7,771)	(466)	
13	4.1 Street and Area Lighting	(530)	(32)	
14	Total	(87,641)	(5,257)	
Total Allocated Revenue Requirement				
15	1.1 Domestic Diesel	-	-	
16	1.12 Domestic All Electric	-	-	
17	2.1 GS 0-10 kW	-	-	
18	2.2 GS 10-100 kW	-	-	
19	2.3 GS 110-1,000 kVa	-	-	
20	4.1 Street and Area Lighting	-	-	
21	Total	-	-	

[illegible]

[illegible]

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Line No.		System Load Factor					
		1	2	3	4	5	6
			Island Interconnected	Island Isolated	Labrador Isolated	L'Anse au Loup	Labrador Interconnected
1	Sales+Losses for System Load Factor (MWh)		7,416,874	6,022	46,089	27,047	2,810,079
2	Hours in Year		8,760	8,760	8,760	8,760	8,760
3	Average Demand (kW)		846,675	687	5,261	3,088	320,785
4	Coincident Peak at Generation (kW)		1,683,676	1,809	9,688	6,105	480,169
1	System Load Factors		50.29%	38.00%	54.30%	50.57%	66.81%

Schedule 4.3
Page 1 of 1

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study
Holyrood Capacity Factor

Line No.	1	2	3	4	5
	Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
1	2020 Actual	988,816,044	466	8,760	24.22%
2	2021 Actual	710,554,100	466	8,760	17.43%
3	2022 Actual	744,880,000	466	8,760	18.27%
4	2023 Actual	648,605,350	466	8,760	15.91%
5	2024 Actual	666,289,026	466	8,760	16.34%
6	5-Year Average	751,828,904	466	8,760	18.43%
7	Current Year	455,225,658	466	8,760	11.16%

SNBV1

NEWFOUNDLAND AND LABRADOR HYDRO
2027 Test Year Cost of Service Study

Total System
Power Purchases

Line No.	1	2	3	4	5	6	7	8	
		Total (\$)	Production Demand (\$)	Production & Transmission Energy (\$)	Transmission Export Demand (\$)	Transmission Network Demand (\$)	Rural Transmission Demand (\$)	Distribution Demand (\$)	Basis of Functional Classification
	Island Interconnected:								
1	DLP Secondary	0		0					Production - Energy (Same as RSP Sec Load Var)
2	AP Secondary	-		-					Production - Energy (Secondary)
3	Wheeling	960,000					960,000		Rural Transmission
4	Interruptible Demand	7,891,076	7,891,076						Production - Demand
5	Interruptible Energy	-		-					Production - Energy
6	Non-utility Generation excluding wind	36,232,222	18,012,022	18,220,200					Energy: System Load Factor
7	Wind Purchases	15,683,047	6,743,710	8,939,337					Production - Energy
8	Muskrat Falls Generation	269,134,556	133,794,098	135,340,458					Energy: System Load Factor
9	Total Exports	(40,178,593)	(19,973,870)	(20,204,723)					Energy: System Load Factor
10	Power Purchases - LTA Costs	46,146,683	22,940,770	23,205,914	-				Energy: System Load Factor
11	Power Purchases - LIL Costs	465,082,406	231,205,096	233,877,310	-				Energy: System Load Factor
12	Tariff Revenue	(18,337,593)	(9,116,116)	(9,221,477)	-				Energy: System Load Factor
13	Recapture to the Island	-	-	-	-				Energy: System Load Factor
14	Rate Mitigation	-	-	-	-				
15	Subtotal	782,613,805	391,496,786	390,157,018	-	-	960,000	-	
	Labrador Interconnected:								
16	CF(L)/Co	1,554,061	515,843	1,038,217					Energy: System Load Factor
17	Other	-	-	-					Labrador Lynx Interruptible
18									
19	Subtotal	1,554,061	515,843	1,038,217	-	-	-	-	
	Isolated Systems:								
20	Mary's Harbour	309,793		309,793					Production - Energy
21	L'Anse au Loup	4,104,300		4,104,300					Production - Energy
22	Ramea Wind	177,100	76,153	100,947					Production - Energy
23	Subtotal	4,591,193	76,153	4,515,040	0	0	0	0	
24	Total	788,759,058	392,088,782	395,710,276	-	-	960,000	-	