

- 1 Q. PUB-NLH-17 lists seven load scenarios and Hydro is to supply the actual quantities  
2 in each case. For each of these scenarios/ quantities, what would be the change to  
3 the revenue requirement (before deficit allocation) for each of the Island  
4 Interconnected customer classes assuming that the scenario load data had been  
5 used in the 2013 test year cost of service? The change is to be related to the 2013  
6 test year cost of service in the GRA application.  
7  
8  
9 A. Please see the attached schedules.

**Newfoundland and Labrador Hydro  
Assumptions**

**V-NLH-4  
Attachment 1**

	Scenario i			Scenario ii		
	2014	2015	2016	2014	2015	2016
Increase (Decrease) in Utility Sales (kWh)	145,900,000	198,200,000	264,100,000	145,900,000	198,200,000	264,100,000
Increase (Decrease) in Industrial Customer Sales (kWh)	191,200,000	363,900,000	551,200,000	91,200,000	263,900,000	451,200,000
Total Increase (Decrease) in Sales (kWh)	337,100,000	562,100,000	815,300,000	237,100,000	462,100,000	715,300,000
2013 Test Year Energy Loss Percentage	3.6%	3.6%	3.6%	3.6%	3.6%	3.6%
Increase (Decrease) in Holyrood Generation (kWh)	349,235,600	582,335,600	844,650,800	245,635,600	478,735,600	741,050,800
Holyrood Operating Efficiency (kWh/bbl)	612	612	612	612	612	612
Increase (Decrease) in Holyrood Fuel (bbls)	570,646	951,529	1,380,148	401,365	782,248	1,210,867
Twelve month average cost of No. 6 fuel (\$/bbl)	107.98	107.98	107.98	107.98	107.98	107.98
Increase (Decrease) in Holyrood Fuel cost (\$)	61,618,399	102,746,075	149,028,421	43,339,432	84,467,108	130,749,453

	Scenario iii			Scenario iv		
	2014	2015	2016	2014	2015	2016
Increase (Decrease) in Utility Sales (kWh)	45,900,000	98,200,000	164,100,000	145,900,000	198,200,000	264,100,000
Increase (Decrease) in Industrial Customer Sales (kWh)	191,200,000	363,900,000	551,200,000	291,200,000	463,900,000	651,200,000
Total Increase (Decrease) in Sales (kWh)	237,100,000	462,100,000	715,300,000	437,100,000	662,100,000	915,300,000
2013 Test Year Energy Loss Percentage	3.6%	3.6%	3.6%	3.6%	3.6%	3.6%
Increase (Decrease) in Holyrood Generation (kWh)	245,635,600	478,735,600	741,050,800	452,835,600	685,935,600	948,250,800
Holyrood Operating Efficiency (kWh/bbl)	612	612	612	612	612	612
Increase (Decrease) in Holyrood Fuel (bbls)	401,365	782,248	1,210,867	739,927	1,120,810	1,549,429
Twelve month average cost of No. 6 fuel (\$/bbl)	107.98	107.98	107.98	107.98	107.98	107.98
Increase (Decrease) in Holyrood Fuel cost (\$)	43,339,432	84,467,108	130,749,453	79,897,366	121,025,043	167,307,388

	Scenario v			Scenario vi		
	2014	2015	2016	2014	2015	2016
Increase (Decrease) in Utility Sales (kWh)	245,900,000	298,200,000	364,100,000	245,900,000	298,200,000	364,100,000
Increase (Decrease) in Industrial Customer Sales (kWh)	191,200,000	363,900,000	551,200,000	291,200,000	463,900,000	651,200,000
Total Increase (Decrease) in Sales (kWh)	437,100,000	662,100,000	915,300,000	537,100,000	762,100,000	1,015,300,000
2013 Test Year Energy Loss Percentage	3.6%	3.6%	3.6%	3.6%	3.6%	3.6%
Increase (Decrease) in Holyrood Generation (kWh)	452,835,600	685,935,600	948,250,800	556,435,600	789,535,600	1,051,850,800
Holyrood Operating Efficiency (kWh/bbl)	612	612	612	612	612	612
Increase (Decrease) in Holyrood Fuel (bbls)	739,927	1,120,810	1,549,429	909,208	1,290,091	1,718,710
Twelve month average cost of No. 6 fuel (\$/bbl)	107.98	107.98	107.98	107.98	107.98	107.98
Increase (Decrease) in Holyrood Fuel cost (\$)	79,897,366	121,025,043	167,307,388	98,176,333	139,304,010	185,586,355

	Scenario vii		
	2014	2015	2016
Increase (Decrease) in Utility Sales (kWh)	45,900,000	98,200,000	164,100,000
Increase (Decrease) in Industrial Customer Sales (kWh)	91,200,000	263,900,000	451,200,000
Total Increase (Decrease) in Sales (kWh)	137,100,000	362,100,000	615,300,000
2013 Test Year Energy Loss Percentage	3.6%	3.6%	3.6%
Increase (Decrease) in Holyrood Generation (kWh)	142,035,600	375,135,600	637,450,800
Holyrood Operating Efficiency (kWh/bbl)	612	612	612
Increase (Decrease) in Holyrood Fuel (bbls)	232,084	612,967	1,041,586
Twelve month average cost of No. 6 fuel (\$/bbl)	107.98	107.98	107.98
Increase (Decrease) in Holyrood Fuel cost (\$)	25,060,464	66,188,141	112,470,486

**Scenario (i): Current forecast load for both NP and IC for 2014 to 2016**

**2014 Load Forecast**

Line No.	Rate Class	A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation 2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario i 2014 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	444,430,450	45,307,573
2	Industrial - Firm	28,955,711	42,287,908	13,332,197
	<b>Rural</b>			
3	1.1 Domestic	22,001,654	22,789,314	787,661
4	1.12 Domestic All Electric	26,410,568	27,407,126	996,558
5	1.3 Special	61,924	64,346	2,421
6	2.1 General Service 0-10 kW	2,888,414	2,989,678	101,264
7	2.2 General Service 10-100 kW	9,919,304	10,390,650	471,347
8	2.3 General Service 110-1,000 kVa	6,710,671	7,073,344	362,673
9	2.4 General Service Over 1,000 kVa	3,726,191	3,962,339	236,148
10	4.1 Street and Area Lighting	1,257,704	1,278,262	20,558
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>75,955,059</b>	<b>2,978,629</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>562,673,416</b>	<b>61,618,399</b>

**Scenario (i): Current forecast load for both NP and IC for 2014 to 2016**

**2015 Load Forecast**

15 Load Forecast		A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation		
Line		2013 Test Year	V-NLH-4	Increase
No.	Rate Class	Orig Filing July 2013	Load and Fuel	(Decrease)
			Scenario i 2015 load	
				Col B - Col A
	Island Interconnected			
1	Newfoundland Power	399,122,877	470,862,055	71,739,178
2	Industrial - Firm	28,955,711	55,173,673	26,217,962
	Rural			-
3	1.1 Domestic	22,001,654	23,267,840	1,266,186
4	1.12 Domestic All Electric	26,410,568	28,011,838	1,601,270
5	1.3 Special	61,924	65,812	3,888
6	2.1 General Service 0-10 kW	2,888,414	3,051,320	162,906
7	2.2 General Service 10-100 kW	9,919,304	10,677,307	758,003
8	2.3 General Service 110-1,000 kVa	6,710,671	7,294,148	583,477
9	2.4 General Service Over 1,000 kVa	3,726,191	4,106,374	380,184
10	4.1 Street and Area Lighting	1,257,704	1,290,725	33,021
				-
11	Subtotal Rural	72,976,430	77,765,365	4,788,935
12	Total Island Interconnected	501,055,017	603,801,092	102,746,075

Scenario (i): Current forecast load for both NP and IC for 2014 to 2016

2016 Load Forecast		A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation		
		2013 Test Year	V-NLH-4	Increase
		Orig Filing July 2013	Load and Fuel	(Decrease)
Line No.	Rate Class	Scenario i 2016 load		Col B - Col A
	<b>Island Interconnected</b>			
	Newfoundland Power	399,122,877	499,655,087	100,532,210
1	Industrial - Firm	28,955,711	70,776,907	41,821,196
2	<b>Rural</b>			-
	1.1 Domestic	22,001,654	23,766,220	1,764,566
3	1.12 Domestic All Electric	26,410,568	28,640,966	2,230,398
4	1.3 Special	61,924	67,335	5,410
5	2.1 General Service 0-10 kW	2,888,414	3,115,633	227,219
6	2.2 General Service 10-100 kW	9,919,304	10,976,139	1,056,835
7	2.3 General Service 110-1,000 kVa	6,710,671	7,524,553	813,881
8	2.4 General Service Over 1,000 kVa	3,726,191	4,256,918	530,728
9	4.1 Street and Area Lighting	1,257,704	1,303,680	45,976
10				-
	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>79,651,444</b>	<b>6,675,014</b>
11	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>650,083,438</b>	<b>149,028,421</b>
12				

**Scenario (ii): 100 GHW load reduction for IC for 2014 to 2016 and current forecast load for NP for 2014 to 2016**

**2014 Load Forecast**

Line No.	Rate Class	A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation 2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario ii 2014 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	433,507,187	34,384,310
2	Industrial - Firm	28,955,711	35,780,854	6,825,143
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	22,564,936	563,283
4	1.12 Domestic All Electric	26,410,568	27,123,382	712,814
5	1.3 Special	61,924	63,657	1,732
6	2.1 General Service 0-10 kW	2,888,414	2,960,807	72,393
7	2.2 General Service 10-100 kW	9,919,304	10,256,320	337,017
8	2.3 General Service 110-1,000 kVa	6,710,671	6,969,939	259,267
9	2.4 General Service Over 1,000 kVa	3,726,191	3,894,956	168,765
10	4.1 Street and Area Lighting	1,257,704	1,272,411	14,707
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>75,106,409</b>	<b>2,129,979</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>544,394,449</b>	<b>43,339,432</b>

**Scenario (ii): 100 GHW load reduction for IC for 2014 to 2016 and current forecast load for NP for 2014 to 2016**

**2015 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario ii 2015 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	460,610,677	61,487,800
2	Industrial - Firm	28,955,711	47,934,266	18,978,555
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,059,515	1,057,862
4	1.12 Domestic All Electric	26,410,568	27,748,652	1,338,084
5	1.3 Special	61,924	65,174	3,250
6	2.1 General Service 0-10 kW	2,888,414	3,024,472	136,058
7	2.2 General Service 10-100 kW	9,919,304	10,552,482	633,178
8	2.3 General Service 110-1,000 kVa	6,710,671	7,197,974	487,303
9	2.4 General Service Over 1,000 kVa	3,726,191	4,043,611	317,420
10	4.1 Street and Area Lighting	1,257,704	1,285,302	27,598
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>76,977,183</b>	<b>4,000,753</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>585,522,125</b>	<b>84,467,108</b>

**Scenario (ii): 100 GHW load reduction for IC for 2014 to 2016 and current forecast load for NP for 2014 to 2016**

**2016 Load Forecast**

Line No.	Rate Class	A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation 2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario ii 2016 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	490,076,646	90,953,769
2	Industrial - Firm	28,955,711	62,803,168	33,847,457
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,574,195	1,572,541
4	1.12 Domestic All Electric	26,410,568	28,398,652	1,988,084
5	1.3 Special	61,924	66,749	4,824
6	2.1 General Service 0-10 kW	2,888,414	3,090,839	202,425
7	2.2 General Service 10-100 kW	9,919,304	10,860,963	941,660
8	2.3 General Service 110-1,000 kVa	6,710,671	7,435,722	725,050
9	2.4 General Service Over 1,000 kVa	3,726,191	4,198,845	472,654
10	4.1 Street and Area Lighting	1,257,704	1,298,691	40,988
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>78,924,657</b>	<b>5,948,227</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>631,804,470</b>	<b>130,749,453</b>



**Scenario (iii): 100 GHW load reduction for NP for 2014 to 2016 and current forecast load for IC for 2014 to 2016**

**2014 Load Forecast**

14 Load Forecast		A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation		
Line		2013 Test Year	V-NLH-4	Increase
No.	Rate Class	Orig Filing July 2013	Load and Fuel	(Decrease)
			Scenario iii 2014 load	
				Col B - Col A
	Island Interconnected			
1	Newfoundland Power	399,122,877	428,197,406	29,074,529
2	Industrial - Firm	28,955,711	41,090,635	12,134,924
	Rural			-
3	1.1 Domestic	22,001,654	22,564,936	563,283
4	1.12 Domestic All Electric	26,410,568	27,123,382	712,814
5	1.3 Special	61,924	63,657	1,732
6	2.1 General Service 0-10 kW	2,888,414	2,960,807	72,393
7	2.2 General Service 10-100 kW	9,919,304	10,256,320	337,017
8	2.3 General Service 110-1,000 kVa	6,710,671	6,969,939	259,267
9	2.4 General Service Over 1,000 kVa	3,726,191	3,894,956	168,765
10	4.1 Street and Area Lighting	1,257,704	1,272,411	14,707
				-
11	Subtotal Rural	72,976,430	75,106,409	2,129,979
12	Total Island Interconnected	501,055,017	544,394,449	43,339,432

**Scenario (iii): 100 GHW load reduction for NP for 2014 to 2016 and current forecast load for IC for 2014 to 2016**

**2015 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario iii 2015 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	454,831,250	55,708,373
2	Industrial - Firm	28,955,711	53,713,693	24,757,982
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,059,515	1,057,862
4	1.12 Domestic All Electric	26,410,568	27,748,652	1,338,084
5	1.3 Special	61,924	65,174	3,250
6	2.1 General Service 0-10 kW	2,888,414	3,024,472	136,058
7	2.2 General Service 10-100 kW	9,919,304	10,552,482	633,178
8	2.3 General Service 110-1,000 kVa	6,710,671	7,197,974	487,303
9	2.4 General Service Over 1,000 kVa	3,726,191	4,043,611	317,420
10	4.1 Street and Area Lighting	1,257,704	1,285,302	27,598
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>76,977,183</b>	<b>4,000,753</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>585,522,125</b>	<b>84,467,108</b>

**Scenario (iii): 100 GHW load reduction for NP for 2014 to 2016 and current forecast load for IC for 2014 to 2016**

**2016 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario iii 2016 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	483,803,989	84,681,112
2	Industrial - Firm	28,955,711	69,075,824	40,120,114
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,574,195	1,572,541
4	1.12 Domestic All Electric	26,410,568	28,398,652	1,988,084
5	1.3 Special	61,924	66,749	4,824
6	2.1 General Service 0-10 kW	2,888,414	3,090,839	202,425
7	2.2 General Service 10-100 kW	9,919,304	10,860,963	941,660
8	2.3 General Service 110-1,000 kVa	6,710,671	7,435,722	725,050
9	2.4 General Service Over 1,000 kVa	3,726,191	4,198,845	472,654
10	4.1 Street and Area Lighting	1,257,704	1,298,691	40,988
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>78,924,657</b>	<b>5,948,227</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>631,804,470</b>	<b>130,749,453</b>

**Scenario (iv): 100 GHW load increase for IC for 2014 to 2016 and current forecast load for NP for 2014 to 2016**

**2014 Load Forecast**

14 Load Forecast		A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation		
Line		2013 Test Year	V-NLH-4	Increase
No.	Rate Class	Orig Filing July 2013	Load and Fuel	(Decrease)
		Scenario iv 2014 load		
		Col B - Col A		
	Island Interconnected			
1	Newfoundland Power	399,122,877	454,999,362	55,876,485
2	Industrial - Firm	28,955,711	49,176,925	20,221,214
	Rural			-
3	1.1 Domestic	22,001,654	23,006,362	1,004,708
4	1.12 Domestic All Electric	26,410,568	27,681,482	1,270,914
5	1.3 Special	61,924	65,011	3,087
6	2.1 General Service 0-10 kW	2,888,414	3,017,625	129,211
7	2.2 General Service 10-100 kW	9,919,304	10,520,640	601,336
8	2.3 General Service 110-1,000 kVa	6,710,671	7,173,448	462,776
9	2.4 General Service Over 1,000 kVa	3,726,191	4,027,612	301,421
10	4.1 Street and Area Lighting	1,257,704	1,283,918	26,214
				-
11	Subtotal Rural	72,976,430	76,776,097	3,799,668
12	Total Island Interconnected	501,055,017	580,952,383	79,897,366

**Scenario (iv): 100 GHW load increase for IC for 2014 to 2016 and current forecast load for NP for 2014 to 2016**

**2015 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario iv 2015 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	480,789,194	81,666,317
2	Industrial - Firm	28,955,711	62,762,357	33,806,646
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,469,517	1,467,863
4	1.12 Domestic All Electric	26,410,568	28,266,513	1,855,945
5	1.3 Special	61,924	66,429	4,504
6	2.1 General Service 0-10 kW	2,888,414	3,077,331	188,917
7	2.2 General Service 10-100 kW	9,919,304	10,798,197	878,894
8	2.3 General Service 110-1,000 kVa	6,710,671	7,387,328	676,656
9	2.4 General Service Over 1,000 kVa	3,726,191	4,167,225	441,034
10	4.1 Street and Area Lighting	1,257,704	1,295,970	38,267
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>78,528,509</b>	<b>5,552,080</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>622,080,060</b>	<b>121,025,043</b>

**Scenario (iv): 100 GHW load increase for IC for 2014 to 2016 and current forecast load for NP for 2014 to 2016**

**2016 Load Forecast**

Line No.	Rate Class	A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation 2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario iv 2016 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	508,938,713	109,815,836
2	Industrial - Firm	28,955,711	79,067,971	50,112,260
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,952,268	1,950,615
4	1.12 Domestic All Electric	26,410,568	28,875,628	2,465,060
5	1.3 Special	61,924	67,902	5,978
6	2.1 General Service 0-10 kW	2,888,414	3,139,675	251,261
7	2.2 General Service 10-100 kW	9,919,304	11,087,777	1,168,473
8	2.3 General Service 110-1,000 kVa	6,710,671	7,610,692	900,020
9	2.4 General Service Over 1,000 kVa	3,726,191	4,313,272	587,081
10	4.1 Street and Area Lighting	1,257,704	1,308,508	50,805
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>80,355,721</b>	<b>7,379,292</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>668,362,405</b>	<b>167,307,388</b>

Scenario (v): 100 GHW load increase for NP for 2014 to 2016 and current forecast load for IC for 2014 to 2016

2014 Load Forecast

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario v 2014 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	460,728,122	61,605,245
2	Industrial - Firm	28,955,711	43,448,165	14,492,454
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,006,362	1,004,708
4	1.12 Domestic All Electric	26,410,568	27,681,482	1,270,914
5	1.3 Special	61,924	65,011	3,087
6	2.1 General Service 0-10 kW	2,888,414	3,017,625	129,211
7	2.2 General Service 10-100 kW	9,919,304	10,520,640	601,336
8	2.3 General Service 110-1,000 kVa	6,710,671	7,173,448	462,776
9	2.4 General Service Over 1,000 kVa	3,726,191	4,027,612	301,421
10	4.1 Street and Area Lighting	1,257,704	1,283,918	26,214
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>76,776,097</b>	<b>3,799,668</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>580,952,383</b>	<b>79,897,366</b>

Scenario (v): 100 GHW load increase for NP for 2014 to 2016 and current forecast load for IC for 2014 to 2016

2015 Load Forecast

Line No.	Rate Class	A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation 2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario v 2015 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	486,961,133	87,838,256
2	Industrial - Firm	28,955,711	56,590,418	27,634,707
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,469,517	1,467,863
4	1.12 Domestic All Electric	26,410,568	28,266,513	1,855,945
5	1.3 Special	61,924	66,429	4,504
6	2.1 General Service 0-10 kW	2,888,414	3,077,331	188,917
7	2.2 General Service 10-100 kW	9,919,304	10,798,197	878,894
8	2.3 General Service 110-1,000 kVa	6,710,671	7,387,328	676,656
9	2.4 General Service Over 1,000 kVa	3,726,191	4,167,225	441,034
10	4.1 Street and Area Lighting	1,257,704	1,295,970	38,267
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>78,528,509</b>	<b>5,552,080</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>622,080,060</b>	<b>121,025,043</b>



Scenario (v): 100 GHW load increase for NP for 2014 to 2016 and current forecast load for IC for 2014 to 2016

2016 Load Forecast

16 Load Forecast		A	B	C
		Cost of Service Before Deficit and Revenue Credit Allocation		
Line		2013 Test Year	V-NLH-4	Increase
No.	Rate Class	Orig Filing July 2013	Load and Fuel	(Decrease)
			Scenario v 2016 load	
				Col B - Col A
	Island Interconnected			
1	Newfoundland Power	399,122,877	515,576,990	116,454,113
2	Industrial - Firm	28,955,711	72,429,694	43,473,983
	Rural			-
3	1.1 Domestic	22,001,654	23,952,268	1,950,615
4	1.12 Domestic All Electric	26,410,568	28,875,628	2,465,060
5	1.3 Special	61,924	67,902	5,978
6	2.1 General Service 0-10 kW	2,888,414	3,139,675	251,261
7	2.2 General Service 10-100 kW	9,919,304	11,087,777	1,168,473
8	2.3 General Service 110-1,000 kVa	6,710,671	7,610,692	900,020
9	2.4 General Service Over 1,000 kVa	3,726,191	4,313,272	587,081
10	4.1 Street and Area Lighting	1,257,704	1,308,508	50,805
				-
11	Subtotal Rural	72,976,430	80,355,721	7,379,292
12	Total Island Interconnected	501,055,017	668,362,405	167,307,388

**Scenario (vi): 100 GHW load increase for both NP and IC for 2014 to 2016**

**2014 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario vi 2014 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	471,158,394	72,035,517
2	Industrial - Firm	28,955,711	50,502,248	21,546,537
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,216,393	1,214,739
4	1.12 Domestic All Electric	26,410,568	27,946,854	1,536,286
5	1.3 Special	61,924	65,654	3,730
6	2.1 General Service 0-10 kW	2,888,414	3,044,688	156,274
7	2.2 General Service 10-100 kW	9,919,304	10,646,476	727,173
8	2.3 General Service 110-1,000 kVa	6,710,671	7,270,391	559,719
9	2.4 General Service Over 1,000 kVa	3,726,191	4,090,866	364,675
10	4.1 Street and Area Lighting	1,257,704	1,289,386	31,682
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>77,570,709</b>	<b>4,594,279</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>599,231,350</b>	<b>98,176,333</b>

**Scenario (vi): 100 GHW load increase for both NP and IC for 2014 to 2016**

**2015 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario vi 2015 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	496,765,611	97,642,734
2	Industrial - Firm	28,955,711	64,325,758	35,370,047
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,664,823	1,663,170
4	1.12 Domestic All Electric	26,410,568	28,513,029	2,102,461
5	1.3 Special	61,924	67,025	5,101
6	2.1 General Service 0-10 kW	2,888,414	3,102,538	214,125
7	2.2 General Service 10-100 kW	9,919,304	10,915,316	996,012
8	2.3 General Service 110-1,000 kVa	6,710,671	7,477,637	766,966
9	2.4 General Service Over 1,000 kVa	3,726,191	4,226,242	500,052
10	4.1 Street and Area Lighting	1,257,704	1,301,046	43,342
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>79,267,658</b>	<b>6,291,228</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>640,359,027</b>	<b>139,304,010</b>

**Scenario (vi): 100 GHW load increase for both NP and IC for 2014 to 2016**

**2016 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario vi 2016 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	524,753,112	125,630,235
2	Industrial - Firm	28,955,711	80,849,866	51,894,155
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	24,132,581	2,130,927
4	1.12 Domestic All Electric	26,410,568	29,102,945	2,692,377
5	1.3 Special	61,924	68,451	6,527
6	2.1 General Service 0-10 kW	2,888,414	3,162,993	274,580
7	2.2 General Service 10-100 kW	9,919,304	11,196,018	1,276,714
8	2.3 General Service 110-1,000 kVa	6,710,671	7,694,247	983,575
9	2.4 General Service Over 1,000 kVa	3,726,191	4,367,975	641,784
10	4.1 Street and Area Lighting	1,257,704	1,313,184	55,481
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>81,038,394</b>	<b>8,061,965</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>686,641,372</b>	<b>185,586,355</b>

**Scenario (vii): 100 GHW load reduction for both NP and IC for 2014 to 2016**

**2014 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario vii 2014 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	417,122,683	17,999,806
2	Industrial - Firm	28,955,711	34,763,910	5,808,199
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	22,332,894	331,240
4	1.12 Domestic All Electric	26,410,568	26,829,824	419,256
5	1.3 Special	61,924	62,944	1,019
6	2.1 General Service 0-10 kW	2,888,414	2,930,971	42,557
7	2.2 General Service 10-100 kW	9,919,304	10,117,453	198,149
8	2.3 General Service 110-1,000 kVa	6,710,671	6,863,080	152,409
9	2.4 General Service Over 1,000 kVa	3,726,191	3,825,368	99,177
10	4.1 Street and Area Lighting	1,257,704	1,266,355	8,652
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>74,228,888</b>	<b>1,252,459</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>526,115,481</b>	<b>25,060,464</b>

**Scenario (vii): 100 GHW load reduction for both NP and IC for 2014 to 2016**

**2015 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario vii 2015 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	444,446,250	45,323,373
2	Industrial - Firm	28,955,711	46,634,049	17,678,338
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	22,844,251	842,597
4	1.12 Domestic All Electric	26,410,568	27,476,579	1,066,011
5	1.3 Special	61,924	64,514	2,590
6	2.1 General Service 0-10 kW	2,888,414	2,996,750	108,336
7	2.2 General Service 10-100 kW	9,919,304	10,423,547	504,243
8	2.3 General Service 110-1,000 kVa	6,710,671	7,098,674	388,003
9	2.4 General Service Over 1,000 kVa	3,726,191	3,978,851	252,660
10	4.1 Street and Area Lighting	1,257,704	1,279,694	21,990
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>76,162,860</b>	<b>3,186,430</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>567,243,158</b>	<b>66,188,141</b>

**Scenario (vii): 100 GHW load reduction for both NP and IC for 2014 to 2016**

**2016 Load Forecast**

Line No.	Rate Class	A	B	C
		2013 Test Year Orig Filing July 2013	V-NLH-4 Load and Fuel Scenario vii 2016 load	Increase (Decrease)  Col B - Col A
	<b>Island Interconnected</b>			
1	Newfoundland Power	399,122,877	474,108,787	74,985,910
2	Industrial - Firm	28,955,711	61,242,312	32,286,601
	<b>Rural</b>			-
3	1.1 Domestic	22,001,654	23,375,941	1,374,287
4	1.12 Domestic All Electric	26,410,568	28,148,361	1,737,793
5	1.3 Special	61,924	66,143	4,218
6	2.1 General Service 0-10 kW	2,888,414	3,065,260	176,846
7	2.2 General Service 10-100 kW	9,919,304	10,742,100	822,796
8	2.3 General Service 110-1,000 kVa	6,710,671	7,344,084	633,413
9	2.4 General Service Over 1,000 kVa	3,726,191	4,138,980	412,789
10	4.1 Street and Area Lighting	1,257,704	1,293,537	35,833
				-
11	<b>Subtotal Rural</b>	<b>72,976,430</b>	<b>78,174,404</b>	<b>5,197,975</b>
12	<b>Total Island Interconnected</b>	<b>501,055,017</b>	<b>613,525,503</b>	<b>112,470,486</b>