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July 6, 2010

Board of Commissioners of Public Utilities Prince Charles Building 120 Torbay Road, P.O. Box 21040 St. John's, NL A1A 5B2

ATTENTION: Ms. Cheryl Blundon

**Director of Corporate Services & Board Secretary** 

Dear Ms. Blundon:

Re: An Application by Newfoundland and Labrador Hydro (Hydro) concerning the Rate Stabilization Plan (RSP) components of the rates to be charged to Industrial Customers

Further to the counsel meeting of May 20, 2010, and to your letter of June 8, 2010, enclosed please find the original and eight copies of a report providing the outcomes to potential scenarios dealing with the interim rate and balance in the Rate Stabilization Plan.

Should you have any questions, please contact the undersigned.

Yours truly,

**NEWFOUNDLAND AND LABRADOR HYDRO** 

Senior Legal Counsel

GPY/jc

cc: Gerard Hayes – Newfoundland Power
Paul Coxworthy – Stewart McKelvey Stirling Scales
Joseph S. Hutchings, Q.C. – Poole Althouse
Thomas Johnson – Consumer Advocate
Colm St. Roch Seviour – Abitibi Consolidated
Dan Simmons – Ottenheimer Baker

#### Scenario 1

- i) Interim rates originally set in 2008 will be finalized and continued until the next General Rate Application
- ii) The actual amount collected by the RSP rate from each industrial customer for 2008 will be calculated and shown
- iii) The actual load for each industrial customer for 2008 will be used to allocate the balance in the RSP account on December 31, 2008 for the
- iv) The actual amount collected by the RSP rate from each industrial customer for 2009 will be calculated and shown
- v) The actual load for each industrial customer for 2009 will be used to allocate the change in the balance in the RSP account resulting from the
- vi) The RSP rate for 2010 the Industrial Customers will be highlighted.
- vii) The amount forecast to be collected by the RSP rate from each industrial customer for 2010, using the forecast load for each customer, will be

			20	(ii) 08	(iii)		20	(iv)	(v)		(vi) 2010	(vii)	
Line		Actual kWh (Note 1)	Rate /(kWh)	RSP Adjustment col B x col C (Note 2)	Allocate RSP Balance @ 12/31/2008 Using 2008 kWh (Note 3)	Actual kWh (Note 4)	Rate /(kWh)	RSP Adjustment col F x col G (Note 5)	Allocate RSP Balance @ 12/31/2009 Using 2009 kWh (Note 6)	Actual / Forecast kWh (Note 7)	Rate /(kWh)	RSP Adjustment col J x col K	Allocate RSP Balance @ 12/31/2009 Using 2009 kWh (Note 6)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(1)	(K)	(L)	(M)
1 2	Abitibi-Price GF Abitibi-Price Stephenville	95,180,386 \$	(0.00785)	(747,166) -	(1,654,106)	6,009,390 \$	\$ (0.00785)	(47,174) -	(388,574)	-	\$ (0.00785)	-	-
3	Corner Brook	278,198,080 \$	(0.00785)	(2,183,855)	(4,834,705)	94,602,566	(0.00785)	(742,630)	(6,117,116)	103,548,044	\$ (0.00785)	(812,852)	(6,608,859)
4	North Atlantic Refining	255,575,723 \$	(0.00785)	(2,006,269)	(4,441,559)	219,583,240	\$ (0.00785)	(1,723,728)	(14,198,516)	213,074,689	\$ (0.00785)	(1,672,636)	(13,599,296)
5	Aur Resources	61,228,682 \$	(0.02000)	(1,224,574)	(1,064,071)	64,582,789	\$ (0.02000)	(1,291,656)	(4,176,001)	66,911,816	\$ (0.02000)	(1,338,236)	(4,270,585)
6	Total Industrial	690,182,871		(6,161,864)	(11,994,442)	384,777,985	•	(3,805,188)	(24,880,207)	383,534,549		(3,823,725)	(24,478,740)

Note 1: Total Industrial Customer kWh (Line 6) - IC-NLH-4, Attachment 2, Page 9

Note 2: Total Industrial Customer RSP adjustment (Line 6) - IC-NLH-4, Attachment 2, Page 11

Note 3: Total Industrial Customer December balance (Line 6) - IC-NLH-4, Attachment 2, Page 11

Note 4: Total Industrial Customer kWh (Line 6) - Attachment 1, Page 9

Note 5: Total Industrial Customer RSP Adjustment (Line 6) - Attachment 1, Page 11

Note 6: Total Industrial Customer December balance (Line 6) - Attachment 1, Page 11, Less Line 6, Col (E)

Note 7: Actual kWh sales to April 2010, Fall 2009 load forecast

#### Scenario 2

- i) Interim rates originally set in 2008 will be finalized and continued until the next General Rate Application.
- ii) The actual total amount collected by the RSP rate from each industrial customer for 2008 and 2009 will be calculated and shown.
- iii) The actual total load for each industrial customer for 2008 and 2009 will be used to allocate the balance in the RSP account on December 31, 2009 for the Industrial Customers to each industrial customer.
- iv) The RSP rate for 2010 the Industrial Customers will be highlighted.
- v) The amount forecast to be collected by the RSP rate from each industrial customer for 2010, using the forecast load for each customer, will be calculated and shown.

		(ii)					(iii)		(iv) 2010	(v)
Line	<b>(1)</b>	Total RSP Collections for 2008 (Note 1)	Total RSP Collections for 2009. (Note 2)	Total Actual kWh for 2008 (Note 3)	Total Actual kWh for 2009 (Note 4)	2009 col D + col E	Allocate RSP Balance @ 12/31/2009 on col F (Note 5)	kWh (Note 6)	Rate /(kWh)	RSP Adjustment
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(1)
1 2	Abitibi-Price GF Abitibi-Price Stephenville	(747,166) -	(47,174)	95,180,386	6,009,390	101,189,776 -	(3,471,138)	-	\$ (0.00785)	-
3	Corner Brook	(2,183,855)	(742,630)	278,198,080	94,602,566	372,800,646	(12,788,273)	103,548,044	\$ (0.00785)	(812,852)
4	North Atlantic Refining	(2,006,269)	(1,723,728)	255,575,723	219,583,240	475,158,963	(16,299,496)	213,074,689	\$ (0.00785)	(1,672,636)
5	Aur Resources	(1,224,574)	(1,291,656)	61,228,682	64,582,789	125,811,471	(4,315,742)	66,911,816	\$ (0.02000)	(1,338,236)
6	Total Industrial	(6,161,864)	(3,805,188)	690,182,871	384,777,985	1,074,960,856	(36,874,649)	383,534,549		(3,823,725)

Note 1: Scenario 1, col (D)

Note 2: Scenario 1, col (H)

Note 3: Scenario 1, col (B)

Note 4: Scenario 1, col (F)

Note 5: Ending balance in col (F) of Attachment 1, page 11

Note 6: Scenario 1, col (J)

#### Scenario 3

- i) The RSP methodology approved as a result of the NLH 2006 General Rate Application will be applied to set the RSP rate for 2008, 2009 and 2010.
- ii) The amount collected from each industrial customer, using the actual load for each industrial customer for 2008, by the RSP rate for 2008 will be calculated and shown.
- iii) The amount collected from each industrial customer, using the actual load for each industrial customer for 2009, by the RSP rate for 2009 will be calculated and shown.
- iv) The forecast amount to be collected from each industrial customer, using the forecast load for each industrial customer for 2010, by the RSP rate for 2010 will be calculated and shown.
- v) The balance in the RSP account for the Industrial Customers at December 31, 2008 will be allocated among the industrial customers using the actual load for each customer for 2008.
- vi) The balance in the RSP account for the Industrial Customers at December 31, 2009 will be allocated among the industrial customers using the total actual load for each customer for 2008 and 2009.
- vii) The balance in the RSP account for the Industrial Customers at December 31, 2009 will be allocated among the industrial customers using the forecast load for each customer for 2010.

				(ii)			(iii)			(iv)
			2008			2009			2010	
			Rate	2008 RSP		Rate	2009 RSP	Actual / Forecast	Rate	2010 F RSP
		Actual kWh	/(kWh)	Collections	Actual kWh	/(kWh)	Collections	kWh	/(kWh)	Collections
Line		(Note 1)	(Note 2)	col B x col C	(Note 3)	(Note 4)	col E x col F	(Note 5)	(Note 6)	col H x col I
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(1)
1	Abitibi-Price GF	95,180,386	\$ (0.01388)	(1,321,104)	6,009,390	\$ 0.00191	11,478	- 5	\$ (0.09210)	-
2	Abitibi-Price Stephenville	-		-	-		-	-		-
3	Corner Brook	278,198,080	\$ (0.01388)	(3,861,389)	94,602,566	\$ 0.00191	180,691	103,548,044	\$ (0.09210)	(9,536,775)
4	North Atlantic Refining	255,575,723	\$ (0.01388)	(3,547,391)	219,583,240	\$ 0.00191	419,404	213,074,689	\$ (0.09210)	(19,624,179)
5	Aur Resources	61,228,682	\$ (0.01388)	(849,854)	64,582,789	\$ 0.00191	123,353	66,911,816	\$ (0.09210)	(6,162,578)
6	Total Industrial	690,182,871	_	(9,579,738)	384,777,985		734,926	383,534,549	_	(35,323,532)

# Potential Scenarios dealing with Interim Rate and RSP Balance SCENARIO 3

## Newfoundland and Labrador Hydro Rate Stabilization Plan Analysis

#### Scenario 3

		(v)	(vi)	(vii)
			Allocate 2009	
		Allocate 2008	RSP Balance	Allocate 2009
		RSP Balance	using Sum of	RSP Balance
		using Actual 2008	Actual 2008 &	using 2010
		Loads	2009 kWh	Forecast kWh
		(Note 7)	(Note 8)	(Note 8)
		(K)	(L)	(M)
7 8	Abitibi-Price GF Abitibi-Price Stephenville	(1,167,361)	(3,556,806)	-
9	Corner Brook	(3,412,021)	(13,103,889)	(10,201,255)
10	North Atlantic Refining	(3,134,565)	(16,701,770)	(20,991,505)
11	Aur Resources	(750,953)	(4,422,255)	(6,591,960)
12	Total Industrial	(8,464,900)	(37,784,720)	(37,784,720)

Note 1: Scenario 1, col (B) Note2: PUB-NLH-3, Page 2 of 5 Note 3: Scenario 1, col (F) Note4: PUB-NLH-3, Page 4 of 5 Note 5: Scenario 1, col (J) Note 6: Attachment 2

Note 7: Dec 08 balance PUB-NLH-3, Page 5 of 5

Note 8: Attachment 3, Col (F)

#### Scenario 4

- i) The interim rate set in 2008 for Teck Cominco will be finalized, applied to all customers, and continued until the next NLH General Rate Application.
- ii) The amount collected in the RSP rate for each industrial customer for 2008 that can be attributed to the Historical Plan portion of the rate will be identified and separated out from the balance of the account and held in a separate account.
- iii) The amount collected in the RSP rate for each industrial customer for 2009 that can be attributed to the Historical Plan portion of the rate will be identified and separated out from the balance of the account and held in a separate account.
- iv) The total balance in the RSP account for Industrial Customers on December 31, 2009, including the total amount that can be attributed to the Historical Plan portion of the RSP rate,
- v) The balance in the RSP account for Industrial Customers on December 31, 2009, excluding the total amount that can be attributed to the Historical Plan portion of the RSP rate, will be allocated to each industrial customer based on the total actual load for each industrial customer for 2008 and 2009.
- vi) The balance in the RSP account for Industrial Customers on December 31, 2009, excluding the total amount that can be attributed to the Historical Plan portion of the RSP rate, will be allocated to each industrial customer based on the forecast load for each industrial customer for 2010.
- vii) The balance in the RSP account for the Industrial Customers at December 31, 2008, excluding the total amount that can be attributed to the Historical Plan portion of the RSP rate, will be allocated to each industrial customer based on the actual load for each industrial customer for 2008.
- viii) The RSP rate for 2010 the Industrial Customers will be highlighted.
- ix) The amount forecast to be collected by the RSP rate from each industrial customer for 2010, using the forecast load for each customer, will be calculated and shown.
- x) The total benefit to each industrial customer for 2008, calculated by adding the collected amount that can be attributed to the Historical Plan portion, taken from ii) above, and the calculated portion of the December 31, 2008 balance, as shown in vii) above, will be calculated and shown.
- xi) The total benefit to each industrial customer for 2008 and 2009, calculated by adding the collected amount that can be attributed to the Historical Plan portion, taken from ii) and iii)

			(i)			(ii)					(iii)
				2008					2009		
						2008 Amount					2009 Amount
						Collected					Collected
						Attributed to					Attributed to
						Historical Plan					Historical Plan
						Portion of the					Portion of the
				2008 RSP		RSP Rate, Excl.			2009 RSP		RSP Rate, Excl.
		Actual kWh	Rate	Collections	2007 Historic Plan	Teck	Actual kWh	Rate	Collections	2007 Historic	Teck
Line	_	(Note 1)	/(kWh)	col B x col C	Rate	col B x Col E	(Note 2)	/(kWh)	col G x col H	Plan Rate	col G x col J
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(1)	(K)
1	Abitibi-Price GF	95,180,386 \$	(0.02000)	(1,903,608)	\$ 0.01215	1,156,442	6,009,390 \$	(0.02000)	(120,188)	0.01215	73,014
2	Abitibi-Price Stephenville	-		-		-	-		-		-
3	Corner Brook	278,198,080 \$	(0.02000)	(5,563,962)	\$ 0.01215	3,380,107	94,602,566 \$	(0.02000)	(1,892,051)	0.01215	1,149,421
4	North Atlantic Refining	255,575,723 \$	(0.02000)	(5,111,514)	\$ 0.01215	3,105,245	219,583,240 \$	(0.02000)	(4,391,665)	0.01215	2,667,936
5	Aur Resources (Teck)	61,228,682 \$	(0.02000)	(1,224,574)	-	-	64,582,789 \$	(0.02000)	(1,291,656)		
6	Total Industrial	690,182,871		(13,803,657)		7,641,793	384,777,985	_	(7,695,560)		3,890,372

(viii)

(P)

(x)

(Q)

(xi)

(R)

(S)

#### Scenario 4

							2008 & 2009	
							Benefit to Each	
							Customer as	
	12/31/09 Total						Historical Plan	
12/31/09 Total	RSP Balance Excl.	12/31/09 Total	12/31/08 RSP		Calculate	2008 Benefit to Each	Collected Plus	
RSP Balance Incl.	Historical Plan	RSP Balance Excl.	Balance Excl.	The RSP Rate	Amount Forecast	Customer as Historical	12/31/09 Balance	
Historical Plan	Portion, Allocated	Historical Plan	Historical Plan	for 2010 to the	to be Collected in	Plan Collected Plus	Excl. Historical Plan	
Portion, Allocated	on Act. 08/09	Portion, Allocated	Portion, Allocated	IC Customers	2010	12/31/08 Balance Excl.	Portion	
on Act. 08/09	kWh	on 2010 Forecast	on Act. 2008 kWh	will be	(col P x Scenario	Historical Plan Portion	(-col F -col K + col	
kWh (Note 3)	(Note 4)	kWh (Note 5)	(Note 6)	Highlighted	1, col J)	(-col F + col O)	M)	

(O)

(vii)

7 8 9 10	Abitibi-Price GF Abitibi-Price Stephenville Corner Brook North Atlantic Refining	(3,471,138) - (12,788,273) (16,299,496)	(2,292,291) - (8,445,198) (10,763,961)	- (6,574,508) (13,528,610)	(565,717) - (1,653,507) (1,519,048)	(0.02000) (0.02000) (0.02000) (0.02000)	- (2,070,961) (4,261,494)	(1,722,159) - (5,033,614) (4,624,293)	(3,521,747) - (12,974,726) (16,537,142)
11	Aur Resources (Teck)	(4,315,742)	(2,850,056)	(4,248,388)	(363,921)	(0.02000)	(1,338,236)	(363,921)	(2,850,056)
12	Total Industrial	(36,874,649)	(24,351,506)	(24,351,506)	(4,102,194)	_	(7,670,691)	(11,743,987)	(35,883,671)

(N)

Note 1: Scenario 1, col (B) Note 2: Scenario 1, col (F)

Note 3: Balance from Attachment 1, Page 11, kWh from Scenario 2, col (F)

Note 4: .Balance from Attachment 6, Page 2 of 2, kWh from Scenario 2, col (F)

(iv)

(L)

(v)

(M)

Note 5: .Balance from Attachment 6, kWh from Scenario 3, col (H)

Note 6: .Balance from Attachment 6, kWh from Scenario 1, col (B)

#### Scenario 5

- i) The balance in the RSP account for Industrial Customers on December 31, 2007 will be reduced by \$10,000,000.
- ii) The RSP methodology approved as a result of the NLH 2006 General Rate Application will be applied to set the RSP rate for 2008, 2009 and 2010.
- iii) The amount collected from each industrial customer, using the actual load for each industrial customer for 2008, by the RSP rate for 2008 will be calculated and shown.
- iv) The amount collected from each industrial customer, using the actual load for each industrial customer for 2009, by the RSP rate for 2009 will be calculated and shown.
- v) The forecast amount to be collected from each industrial customer, using the forecast load for each industrial customer for 2010, by the RSP rate for 2010 will be calculated and shown.
- vi) The balance in the RSP account for the Industrial Customers at December 31, 2008 will be allocated among the industrial customers using the actual load for each customer for 2008.
- vii) The balance in the RSP account for the Industrial Customers at December 31, 2009 will be allocated among the industrial customers using the total actual load for each customer for 2008 and 2009.
- viii) The balance in the RSP account for the Industrial Customers at December 31, 2009 will be allocated among the industrial customers using the forecast load for each customer for 2010.

		(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)
							Allocate IC RSP Balance at	Allocate IC RSP Balance at	Allocate IC RSP
		Reduce the IC	Use RSP			2010 RSP	12/31/2008	12/31/2009 Using	Balance at
		RSP Balance @	Methodology as a	2008 RSP	2009 RSP	Forecast	<b>Using Actual</b>	Total IC Actual	12/31/2009 Using
		12/31/2007 by	Result of NLH 2006	Collections	Collections	Collections (Note	2008 Loads	Loads for 2008 &	Forecast IC Loads
Line		\$10M (Note 1)	GRA (Note 2)	(Note 3)	(Note 4)	5)	(Note 6)	2009 (Note 7)	for 2010 (Note 8)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
1									
2	Abitibi-Price GF			311,240	(1,863)	-	(1,370,450)	(3,622,489)	-
3	Abitibi-Price Stephenville		2008: \$0.00327	-	-	-	-	-	-
4	Corner Brook		2009: \$-0.00031	909,708	(29,327)	(9,731,445)	(4,005,621)	(13,345,876)	(10,389,640)
5	North Atlantic Refining		2010: \$-0.09398	835,733	(68,071)	(20,024,759)	(3,679,894)	(17,010,198)	(21,379,152)
6	Aur Resources (Teck)			200,218	(20,021)	(6,288,372)	(881,598)	(4,503,920)	(6,713,692)
7	Total Industrial	\$ 1,171,031	- · · · · · · · · · · · · · · · · · · ·	2,256,898	(119,281)	(36,044,577)	(9,937,564)	(38,482,484)	(38,482,484)
8	Total Energy Sales	•	<del>-</del>		•	<u> </u>		•	

Note 1: RSP 2007A (Scenario 5), ending balance in column (F), attached, plus \$10M

Note 2: Attachment 5

Note 3: col (C) for 2008 x Scenario 3, col (B)

Note 4: col (C) for 2009 x Scenario 3, col (E)

Note 5: col (C) for 2010 x Scenario 3, col (H)

Note 6: Ending balance in col (F) of Attachment 5, Page 2, prorated on Scenario 1, col (B)

Note 7: Ending balance in col (F) of Attachment 5, Page 4, prorated on Scenario 2, col (F)

Note 8: Ending balance in col (F) of Attachment 5, Page 4, prorated on Scenario 1, col (J)

#### Scenario 6

- i) The balance in the RSP account for Industrial Customers on December 31, 2007 will be reduced by \$10,000,000.
- ii) The interim rate set in 2008 for Teck Cominco will be finalized and continued until the next NLH General Rate Application.
- iii) The amount collected in the RSP rate for each industrial customer for 2008 that can be attributed to the Historical Plan portion of the rate will be identified and separated
- iv) The amount collected in the RSP rate for each industrial customer for 2009 that can be attributed to the Historical Plan portion of the rate will be identified and separated
- v) The total balance in the RSP account for Industrial Customers on December 31, 2009, including the total amount that can be attributed to the Historical Plan portion of the
- vi) The balance in the RSP account for Industrial Customers on December 31, 2009, excluding the total amount that can be attributed to the Historical Plan portion of the RSP
- vii) The balance in the RSP account for Industrial Customers on December 31, 2009, excluding the total amount that can be attributed to the Historical Plan portion of the RSP
- viii) The balance in the RSP account for the Industrial Customers at December 31, 2008, excluding the total amount that can be attributed to the Historical Plan portion of the RSP
- ix) The RSP rate for 2010 the Industrial Customers will be highlighted.
- x) The amount forecast to be collected by the RSP rate from each industrial customer for 2010, using the forecast load for each customer, will be calculated and shown.
- xi) The total benefit to each industrial customer for 2008, calculated by adding the collected amount that can be attributed to the Historical Plan portion, taken from ii) above,
- xii) The total benefit to each industrial customer for 2008 and 2009, calculated by adding the collected amount that can be attributed to the Historical Plan portion, taken from ii)

(7,670,691)

(31,993,299)

(38,602,454)

CP			

Column   C		Scenario 6											
2008   2008   2009				(ii)			(iii)						(iv)
Collected   Coll					2008			_			2009		
2 Ablitibi-Price Stephenville 3 Corner Brook 4 North Atlantic Refining 4 North Atlantic Refining 5 Aur Resources (Teck) 6 Total Industrial			(Note 1) (B)	/(kWh) (C)	Collections col B x col C (D)	Plan Rate (E)	Collected Attributed to Historical Plan Portion of the RSP Rate, Excl. Teck col B x Col E  (F)	-	(Note 2) (G)	/(kWh) (H)	Collections col G x col H (I)	Plan Rate (J)	Collected Attributed to Historical Plan Portion of the RSP Rate, Excl. Teck col G x col J (K)
278,198,080   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (5,563,962)   \$ (0.02000)   (7,695,560)   \$ (0.02000)   (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000)   \$ (7,695,560)   \$ (0.02000			-	\$ (0.02000)	(1,303,008)	Ş 0.01213	1,130,442			\$ (0.02000)	(1,032,031) ,	0.01213	-
S Aur Resources (Teck)		•	278,198,080	\$ (0.02000)	(5,563,962)	\$ 0.01215	3,380,107			\$ (0.02000)	(1,291,656)	0.01215	784,681
Total Industrial   690,182,871   (13,803,657)   7,641,793   763,546,580   (10,879,267)   6,609,155	4	•				\$ 0.01215	3,105,245		384,777,985		(7,695,560)	0.01215	4,675,053
(v) (vi) (vii) (viii) (ix) (x) (xi) (xi) (xi) (xi) (xi) (		` ,		\$ (0.02000)			-	_		\$ (0.02000)	-		-
2008 & 2009   Benefit to Each Customer as   Each	6	Total Industrial	690,182,871		(13,803,657)		7,641,793	-	763,546,580		(10,879,267)		6,609,155
Benefit to Each   Customer as   Historical Plan   Each   Customer as   Historical Plan   Each   Ea			(v)	(vi)	(vii)	(viii)	(ix)	(x)	(xi)	(xi)			
Note 3   Note 4   kWh (Note 5   Note 6   Highlighted   1, col J   (-col F + col O   M)			RSP Balance Incl. Historical Plan Portion,	RSP Balance Excl. Historical Plan	RSP Balance Excl. Historical Plan Portion,	Balance Excl. Historical Plan Portion,	for 2010 to the		Amount Forecast to be Collected in	Each Customer as Historical Plan Collected Plus 12/31/08 Balance	Benefit to Each Customer as Historical Plan Collected Plus 12/31/09 Balance Excl. Historical		
(L)       (M)       (N)       (O)       (P)       (Q)       (R)       (S)         7 Abitibi-Price GF       (2,382,721)       (2,292,291)       -       (3,358,220)       (0.02000)       -       (4,514,661)       (4,598,154)         8 Abitibi-Price Stephenville       -       -       -       -       (0.02000)       -       -       -         9 Corner Brook       (8,778,358)       (8,445,198)       (6,574,508)       (9,815,576)       (0.02000)       (2,070,961)       (13,195,682)       (12,609,985)         10 North Atlantic Refining       (11,188,595)       (10,763,960)       (13,528,610)       (9,017,398)       (0.02000)       (4,261,494)       (12,122,643)       (18,544,258)			Act. 08/09 kWh	on Act. 08/09 kWh	2010 Forecast	Act. 2008 kWh	will be		(col P x Scenario	Plan Portion	(-col F -col K + col		
7 Abitibi-Price GF (2,382,721) (2,292,291) - (3,358,220) (0.02000) - (4,514,661) (4,598,154) 8 Abitibi-Price Stephenville (0.02000) 9 Corner Brook (8,778,358) (8,445,198) (6,574,508) (9,815,576) (0.02000) (2,070,961) (13,195,682) (12,609,985) 10 North Atlantic Refining (11,188,595) (10,763,960) (13,528,610) (9,017,398) (0.02000) (4,261,494) (12,122,643) (18,544,258)								-					
8 Abitibi-Price Stephenville (0.02000) (9.02000)			(L)	(M)	(N)	(0)	(P)		(Q)	(R)	(S)		
10 North Atlantic Refining (11,188,595) (10,763,960) (13,528,610) (9,017,398) (0.02000) (4,261,494) (12,122,643) (18,544,258)	8	Abitibi-Price Stephenville	-	-	- - (6 574 508)	-	(0.02000)		- - (2.070.961)	-	-		
		•					, ,			, , , ,			

(24,351,506)

Note 1: Scenario 1, col (B)

12 Total Industrial

Note 2: Scenario 1, col (F)

Note 3: Sum of Current and Historic Balances from Attachment 6, kWh from Scenario 2, col (F)

(24,351,506)

(24,351,506)

(25,312,165)

Note 4: .Balance from Attachment 6, kWh from Scenario 2, col (J)

Note 5: .Balance from Attachment 6, kWh from Scenario 3, col (H)

Note 6: .Balance from Attachment 6, kWh from Scenario 1, col (B)

## **RATE STABILIZATION REPORT**

Newfoundland and Labrador Hydro

December 2009



Newfoundland and Labrador Hydro Rate Stabilization Plan Report December 31, 2009

## Newfoundland and Labrador Hydro Rate Stabilization Plan December 31, 2009

## **Summary of Key Facts**

The Rate Stabilization Plan of Newfoundland and Labrador Hydro (Hydro), as amended by Board Order No. P.U. 40 (2003) and Order No. P.U. 8 (2007), is established for Hydro's utility customer, Newfoundland Power, and Island Industrial customers to smooth rate impacts for variations between actual results and Test Year Cost of Service estimates for:

- Hydraulic production;
- No. 6 fuel cost used at Hydro's Holyrood generating station;
- Customer load (Utility and Island Industrial); and
- Rural rates.

The Test Year Cost of Service Study was approved by Board Order No. P.U. 8 (2007) and is based on projections of events and costs that are forecast to happen during a test year. Finance charges are calculated on the balances using the test year Weighted Average Cost of Capital which is currently 7.529% per annum. Holyrood's operating efficiency is set, for RSP purposes, at 630 kWh/barrel regardless of the actual conversion rate experienced.

		2007 Test Year	Cost of Service	
	Net Hydraulic	No. 6 Fuel	Utility	Industrial
	Production	Cost	Load	Load
	(kWh)	(\$Can/bbl.)	(kWh)	(kWh)
January	427,100,000	54.17	574,800,000	78,300,000
February	388,680,000	54.73	518,600,000	70,900,000
March	415,080,000	55.46	524,700,000	76,600,000
April	355,520,000	55.46	429,200,000	75,600,000
May	324,240,000	55.46	358,700,000	69,500,000
June	328,500,000	54.49	298,400,000	73,800,000
July	386,790,000	54.49	293,400,000	77,500,000
August	379,140,000	54.49	287,000,000	77,900,000
September	363,560,000	54.49	297,700,000	73,000,000
October	340,510,000	54.56	360,200,000	74,400,000
November	364,390,000	54.56	439,300,000	74,100,000
December	398,560,000	58.98	543,800,000	72,700,000
Total	4,472,070,000		4,925,800,000	894,300,000

## Newfoundland and Labrador Hydro Rate Stabilization Plan Plan Highlights December 31, 2009

						Year-to-Date Due (To) From	
		Actual	Cost of Service	Varian	ce	customers	Reference
Hydraulic production year-to-date		4,606.2 GWh	4,472.1 GWh	-134.2 GW	'h \$	(12,005,544)	Page 4
No 6 fuel cost - Current month	\$	67.33 \$	58.98	\$ 8.3	5 \$	(4,523,041)	Page 5
Year-to-date customer load - Utility		5,111.2 GWh	4,925.8 GWh	185.4 GW	'h \$	(152,989)	Page 8
Year-to-date customer load - Industrial		384.8 GWh	894.3 GWh	-(509.5) GW	'h \$	(25,874,401)	Page 9
					\$	(42,555,975)	
Rural rates							
Rural Rate Alteration (RRA) (1) Less: RRA to utility customer	\$ \$	(1,152,150) (1,026,565)					Page 10
RRA to Labrador interconnected		(125,585)					
Fuel variance to Labrador interconnected	\$	(34,638)					Page 6
Net Labrador interconnected	\$	(160,223)					
Current plan summary (2)							
One year recovery							
Due (to) from utility customer (2)	\$	(52,940,017)					Page 10
Due (to) from Industrial customers (2)	\$	(36,874,648)					Page 11
Sub total		(89,814,665)					
Four year recovery							
Hydraulic balance	\$	(32,181,286)					Page 4
Total plan balance	Ś	(121,995,951)					

<sup>(1)</sup> Beginning January 2009, the RRA includes a monthly credit of \$5,766. This amount relates to the phase in of the application of the credit from secondary energy sales to CFB Goose Bay to the Rural deficit as stated in Section B, Clause 1.3(b) of the approved Rate Stabilization Plan Regulations which received final approval in Order No. P.U. 34 (2008) issued December 22, 2008.

<sup>(2)</sup> Disposition of the load variation is one of the issues to be considered by the Public Utilities Board in a pending hearing. This may impact the balances owing to customers in the current plan.

## Newfoundland and Labrador Hydro Rate Stabilization Plan Net Hydraulic Production Variation December 31, 2009

	<b>A</b> Cost of	В	<b>C</b> Monthly	<b>D</b> Cost of	E	F	<b>G</b> Cumulative
	Service	Actual	Net Hydraulic	Service	Net Hydraulic		Variation
	Net Hydraulic	Net Hydraulic	Production	No. 6 Fuel	Production	Financing	and Financing
_	Production	Production (3)	Variance	Cost	Variation	Charges	Charges
_	(kWh)	(kWh)	(kWh)	(\$Can/bbl.)	(\$)	(\$)	(\$)
			(A - B)		(C / O <sup>1</sup> X D)		(E + F)
							(to page 12)
Opening balance							(30,902,837)
January	427,100,000	511,622,865	(84,522,865)	54.17	(7,267,625)	(187,503)	(38,357,965)
February	388,680,000	444,266,356	(55,586,356)	54.73	(4,828,954)	(232,737)	(43,419,656)
March	415,080,000	466,091,401	(51,011,401)	55.46	(4,490,623)	(263,449)	(48,173,728)
April	355,520,000	337,983,715	17,536,285	55.46	1,543,750	(292,294)	(46,922,272)
May	324,240,000	332,602,567	(8,362,567)	55.46	(736,171)	(284,701)	(47,943,144)
June	328,500,000	324,109,389	4,390,611	54.49	379,753	(290,895)	(47,854,286)
July	386,790,000	330,916,410	55,873,590	54.49	4,832,622	(290,356)	(43,312,020)
August	379,140,000	320,246,634	58,893,366	54.49	5,093,809	(262,796)	(38,481,007)
September	363,560,000	312,369,147	51,190,853	54.49	4,427,603	(233,484)	(34,286,888)
October	340,510,000	393,718,444	(53,208,444)	54.56	(4,608,020)	(208,036)	(39,102,944)
November	364,390,000	384,679,928	(20,289,928)	54.56	(1,757,172)	(237,257)	(41,097,373)
December	398,560,000	447,636,721	(49,076,721)	58.98	(4,594,516)	(249,358)	(45,941,247)
<del>-</del>	4,472,070,000	4,606,243,577	(134,173,577)	-	(12,005,544)	(3,032,866)	(45,941,247)
Hydraulic Allocation <sup>2</sup>					10,727,095	3,032,866	13,759,961
Hydraulic variation at ye	ear end			_	(1,278,449)	-	(32,181,286)

<sup>(1)</sup> O is the Holyrood Operating Efficiency of 630 kWh/barrel.

<sup>(2)</sup> At year end 25% of the hydraulic variation balance and 100% of the annual financing charges are allocated to customers.

	(from page 6)				(to pages 11 & 12)
	12 month	% of kWh		Reallocate	
	kWh	to total	Allocation	Rural	Net
Utility	5,111,194,217	86.5%	11,897,543	861,378	12,758,921
Industrial	384,777,985	6.5%	895,664		895,664
Rural	415,318,157	7.0%	966,754	(966,754)	-
Total	5,911,290,359	100.0%	13,759,961	(105,376)	13,654,585
Labrador Inteconnecte	d (write-off to income)		105,376	105,376	
				-	13,759,961

<sup>(3)</sup> Restated February to August to include the impact of hydraulic production for storing surplus generation energy in Hydro's reservoirs.

## Newfoundland and Labrador Hydro Rate Stabilization Plan No. 6 Fuel Variation December 31, 2009

	Α	В	c	D	E	F	G
				Cost of	Actual		
	Actual	Actual Quantity	Net	Service	Average		No.6
	Quantity	No. 6 Fuel for	Quantity	No. 6 Fuel	No. 6 Fuel	Cost	Fuel
_	No. 6 Fuel	Non-Firm Sales	No. 6 Fuel	Cost	Cost	Variance	Variation
_	(bbl.)	(bbl.)	(bbl.)	(\$Can/bbl.)	(\$Can/bbl.)	(\$Can/bbl.)	(\$)
			(A - B)			(E - D)	(C X F)
							(to page 6)
January	310,422	690	309,732	54.17	52.20	(1.97)	(610,172)
February	256,185	2,424	253,761	54.73	47.68	(7.05)	(1,789,015)
March	238,388	1,139	237,249	55.46	47.70	(7.76)	(1,841,052)
April	163,842	0	163,842	55.46	46.57	(8.89)	(1,456,555)
May	59,632	0	59,632	55.46	46.46	(9.00)	(536,691)
June	23,342	0	23,342	54.49	46.29	(8.20)	(191,404)
July	0	0	0	54.49	46.29	(8.20)	0
August	0	2	(2)	54.49	46.29	(8.20)	16
September	799	8	791	54.49	46.29	(8.20)	(6,489)
October	75,309	0	75,309	54.56	46.24	(8.32)	(626,570)
November	165,711	0	165,711	54.56	57.71	3.15	521,990
December	241,076	10	241,066	58.98	67.33	8.35	2,012,901
<u>-</u>	1,534,707	4,273	1,530,434	55.47	52.51	(2.96)	(4,523,041)

# Newfoundland and Labrador Hydro Rate Stabilization Plan Allocation of Fuel Variance – Year-to-Date December 31, 2009

A B C D E F G H I J

Reallocate Rural Island Customers (1) Twelve Months-to-Date Year-to-Date Fuel Variance Industrial Rural Island Industrial Rural Island Labrador Utility Customers Customers Total Utility Customers Interconnected Total Utility Interconnected (\$) (kWh) (kWh) (kWh) (kWh) (\$) (\$) (\$) (\$) (\$) (A+B+C) (A/D X H) (B/D X H) (C/D X H) (G X 89.10%) (G X 10.90%) (from page 5) (to page 7) (to page 7) 5,005,151,512 689,749,882 414,470,780 6,109,372,174 (499,888) (68,889)(41,395)(610,172)(36,883)(4,512)January February 5,010,856,454 680,296,222 412,537,210 6,103,689,886 (1,969,625) (267,405)(162,157)(2,399,187)(144,482)(17,675)5,003,195,483 666,365,030 412,541,893 (3,488,061) (464,567) (31,350)March 6,082,102,406 (287,611) (4,240,239)(256, 261)April 4,989,239,677 625,317,933 413,558,514 6,028,116,124 (4,715,017) (590,949) (390,828) (5,696,794) (348,228)(42,600)May 4,968,395,779 587,975,854 413,195,928 5,969,567,561 (5,188,051) (613,971)(431,463)(6,233,485)(384,434)(47,029)June 4,973,908,918 562,003,055 409,782,881 5,945,694,854 (5,374,782) (607,298)(442,809)(6,424,889)(394,543)(48, 266)4,987,839,609 535,491,993 408,086,623 5,931,418,225 (5,402,808) (580,043) (442,038) (6,424,889) (393,856) (48, 182)July 4,989,721,971 512,632,364 407,951,793 5,910,306,128 (5,424,140) (557,263) (443,470) (6,424,873) (395, 132)(48,338)August 408,071,177 September 4,999,960,523 488,905,941 5,896,937,641 (5,453,094) (533,214)(445,054) (6,431,362)(396,543)(48,511)October (545,939)(53,661)5,041,831,300 457,254,549 412,332,579 5,911,418,428 (6,019,689) (492,304)(7,057,932)(438,643)November 5,077,674,472 415,239,050 415,532,992 5,908,446,514 (5,616,939) (459,339)(459,664) (6,535,942) (409,561)(50,103)December 5,111,194,217 384,777,985 415,318,157 5,911,290,359 (3,910,845) (294,414)(317,782)(4,523,041) (283,144)(34,638)

<sup>(1)</sup> The Fuel Variance initially allocated to Rural Island Interconnected is re-allocated between Utility and Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the approved Cost of Service Study, which is 89.10% and 10.90% respectively. The Labrador Interconnected amount is then removed from the plan and written off to net income (loss).

## Newfoundland and Labrador Hydro Rate Stabilization Plan Allocation of Fuel Variance – Monthly December 31, 2009

C Ε F Α В D G Utility Industrial Total Fuel **Fuel Variance Rural Allocation** Variance **Fuel Variance** Year-to-Date **Current Month** Year-to-Date **Current Month** Activity for Year-to-Date **Current Month** Activity (1) Activity (1) Activity (1) Activity Activity the month Activity (\$) (\$) (\$) (\$) (\$) (\$) (\$) (B + D)(from page 6) (from page 6) (to page 10) (from page 6) (to page 11) (499,888)(499,888)(36,883)(36,883)(68,889)(68,889)January (536,771)February (1,969,625)(1,469,737)(144,482)(107,599)(1,577,336)(267,405)(198,516)March (3,488,061)(1,518,436) (256, 261)(111,779)(1,630,215)(464,567)(197,162)April (4,715,017)(1,226,956)(348,228)(91,967) (1,318,923)(590,949)(126,382)May (5,188,051)(473,034)(384,434)(36,206)(509,240)(613,971)(23,022)(5,374,782)(186,731)(394,543) (10,109)(196,840) (607,298)6,673 June July (5,402,808)(28,026)(393,856) 687 (27,339)(580,043) 27,255 August (5,424,140)(21,332)(395, 132)(1,276)(22,608)(557, 263)22,780 September (5,453,094)(28,954)(396,543)(1,411)(30,365)(533,214)24,049 October (6,019,689)(566,595)(438,643)(42,100)(608,695)(545,939)(12,725)November (5,616,939)402,750 (409,561)29,082 431,832 (459,339)86,600 December (3,910,845)1,706,094 (283,144)126,417 1,832,511 (294,414)164,925 (3,910,845)(283,144)(4,193,989) (294,414)

<sup>(1)</sup> The current month activity is calculated by subtracting year-to-date activity for the prior month from year-to-date activity for the current month.

## Newfoundland and Labrador Hydro Rate Stabilization Plan Load Variance – Utility December 31, 2009

	Α	В	С	D	E	F	G	н	I	J	К
			Firm Ener	gy				Seconda	ry Energy		
				Cost of							
	Cost of			Service	Firm		Cost of		Firming		Total
	Service	Actual	Sales	No. 6 Fuel	Energy	Load	Service	Actual	Up	Load	Load
	Sales	Sales	Variance	Cost	Rate	Variation	Sales	Sales	Charge	Variation	Variation
	(kWh)	(kWh)	(kWh)	(\$Can/bbl.)	(\$/kWh)	(\$)	(kWh)	(kWh)	(\$/kWh)	(\$)	(\$)
			(B - A)			C x {(D/O <sup>1</sup> ) - E}				(G - H) x I	(F + J)
											(to page 10)
January	574,800,000	636,159,821	61,359,821	54.17	0.08805	(126,762)	0	0	0.00841	0	(126,762)
February	518,600,000	540,373,649	21,773,649	54.73	0.08805	(25,627)	0	2,401	0.00841	(20)	(25,647)
March	524,700,000	552,059,084	27,359,084	55.46	0.08805	(499)	0	2,383	0.00841	(20)	(519)
April	429,200,000	421,770,620	(7,429,380)	55.46	0.08805	136	0	22,241	0.00841	(187)	(51)
May	358,700,000	347,556,066	(11,143,934)	55.46	0.08805	203	0	2,354,683	0.00841	(19,803)	(19,600)
June	298,400,000	299,536,918	1,136,918	54.49	0.08805	(1,771)	0	4,775,793	0.00841	(40,164)	(41,935)
July	293,400,000	290,190,644	(3,209,356)	54.49	0.08805	5,000	0	775,745	0.00841	(6,524)	(1,524)
August	287,000,000	284,106,434	(2,893,566)	54.49	0.08805	4,508	0	(775,745)	0.00841	6,524	11,032
September	297,700,000	297,053,287	(646,713)	54.49	0.08805	1,008	0	0	0.00841	0	1,008
October	360,200,000	414,950,459	54,750,459	54.56	0.08805	(79,214)	0	0	0.00841	0	(79,214)
November	439,300,000	450,251,261	10,951,261	54.56	0.08805	(15,845)	0	0	0.00841	0	(15,845)
December	543,800,000	570,028,473	26,228,473	58.98	0.08805	146,068	0	0	0.00841	0	146,068
	4,925,800,000	5,104,036,716	178,236,716			(92,795)	0	7,157,501	<u>-</u>	(60,194)	(152,989)

<sup>(1)</sup> O is the Holyrood Operating Efficiency of 630 kWh/barrel.

## Newfoundland and Labrador Hydro Rate Stabilization Plan Load Variance – Industrial December 31, 2009

	Α	В	С	D	E	F
	Cost of			Cost of Service	Firm	
	Service	Actual	Sales	No. 6 Fuel	Energy	Load
	Sales	Sales	Variance	Cost	Rate	Variation
	(kWh)	(kWh)	(kWh)	(\$)	(\$/kWh)	(\$)
			(B - A)			C x {(D/O <sup>1</sup> ) - E}
						(to page 11)
January	78,300,000	50,646,871	(27,653,129)	54.17	0.03676	(1,361,201)
February	70,900,000	42,933,788	(27,966,212)	54.73	0.03676	(1,401,471)
March	76,600,000	41,308,959	(35,291,041)	55.46	0.03676	(1,809,433)
April	75,600,000	18,325,451	(57,274,549)	55.46	0.03676	(2,936,566)
May	69,500,000	19,887,268	(49,612,732)	55.46	0.03676	(2,543,731)
June	73,800,000	30,031,606	(43,768,394)	54.49	0.03676	(2,176,693)
July	77,500,000	31,153,413	(46,346,587)	54.49	0.03676	(2,304,911)
August	77,900,000	33,368,778	(44,531,222)	54.49	0.03676	(2,214,630)
September	73,000,000	30,796,894	(42,203,106)	54.49	0.03676	(2,098,848)
October	74,400,000	30,120,796	(44,279,204)	54.56	0.03676	(2,207,016)
November	74,100,000	26,879,620	(47,220,380)	54.56	0.03676	(2,353,614)
December	72,700,000	29,324,541	(43,375,459)	58.98	0.03676	(2,466,287)
	894,300,000	384,777,985	(509,522,015)			(25,874,401)

<sup>(1)</sup> O is the Holyrood Operating Efficiency of 630 kWh/barrel.

## Newfoundland and Labrador Hydro Rate Stabilization Plan Summary of Utility Customer December 31, 2009

	Α	В	С	D	E	F	G
			Allocation	Subtotal			Cumulative
	Load	Allocation	Rural Rate	Monthly	Financing		Net
	Variation	Fuel Variance	Alteration <sup>(1)</sup>	Variances	Charges	Adjustment <sup>(2)</sup>	Balance
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
				(A + B + C)			
	(from page 8)	(from page 7)					(to page 12)
Opening Balance							(10,329,890)
January	(126,762)	(536,771)	(260,611)	(924,144)	(62,677)	(4,783,922)	(16,100,633)
February	(25,647)	(1,577,336)	(319,568)	(1,922,551)	(97,691)	(4,063,628)	(22,184,503)
March	(519)	(1,630,215)	(207,444)	(1,838,178)	(134,604)	(4,151,502)	(28,308,787)
April	(51)	(1,318,923)	(192,147)	(1,511,121)	(171,764)	(3,171,882)	(33,163,554)
May	(19,600)	(509,240)	(160,450)	(689,290)	(201,220)	(2,631,329)	(36,685,393)
June	(41,935)	(196,840)	(142,567)	(381,342)	(222,589)	(2,288,432)	(39,577,756)
July	(1,524)	(27,339)	(73,949)	(102,812)	(240,138)	(128,025)	(40,048,731)
August	11,032	(22,608)	57,023	45,447	(242,996)	(124,666)	(40,370,946)
September	1,008	(30,365)	67,908	38,551	(244,951)	(130,703)	(40,708,049)
October	(79,214)	(608,695)	71,071	(616,838)	(246,996)	(182,578)	(41,754,461)
November	(15,845)	431,832	75,668	491,655	(253,345)	(198,111)	(41,714,262)
December	146,068	1,832,511	58,501	2,037,080	(253,101)	(250,813)	(40,181,096)
Year to date	(152,989)	(4,193,989)	(1,026,565)	(5,373,543)	(2,372,072)	(22,105,591)	(29,851,206)
Hydraulic allocation							(12,758,921)
(from page 4)							
Total	(152,989)	(4,193,989)	(1,026,565)	(5,373,543)	(2,372,072)	(22,105,591)	(52,940,017)

<sup>(1)</sup> The Rural Rate Alteration is allocated between Utility and Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the approved Cost of Service Study, which is 89.10% and 10.90% respectively. The Labrador Interconnected amount is then removed from the plan and written off to net income (loss).

<sup>(2)</sup> The RSP adjustment rate for Utility is 0.752 cents per kwh effective July 1, 2008 to June 30, 2009 and 0.044 cents per kwh effective July 1, 2009.

	Α	В	С	D	E	F
			Subtotal			Cumulative
	Load	Allocation	Monthly	Financing		Net
	Variation	Fuel Variance	Variances	Charges	Adjustment <sup>(1)</sup>	Balance
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
			(A + B)			
	(from page 9)	(from page 7)				(to page 12)
Opening Balance						(11,994,442)
January	(1,361,201)	(68,889)	(1,430,090)	(72,776)	466,209	(13,031,099)
February	(1,401,471)	(198,516)	(1,599,987)	(79,066)	398,964	(14,311,188)
March	(1,809,433)	(197,162)	(2,006,595)	(86,833)	388,867	(16,015,749)
April	(2,936,566)	(126,382)	(3,062,948)	(97,176)	208,165	(18,967,708)
May	(2,543,731)	(23,022)	(2,566,753)	(115,087)	222,774	(21,426,774)
June	(2,176,693)	6,673	(2,170,020)	(130,007)	296,273	(23,430,528)
July	(2,304,911)	27,255	(2,277,656)	(142,165)	309,768	(25,540,581)
August	(2,214,630)	22,780	(2,191,850)	(154,967)	327,668	(27,559,730)
September	(2,098,848)	24,049	(2,074,799)	(167,219)	301,775	(29,499,973)
October	(2,207,016)	(12,725)	(2,219,741)	(178,991)	303,811	(31,594,894)
November	(2,353,614)	86,600	(2,267,014)	(191,702)	279,156	(33,774,454)
December	(2,466,287)	164,925	(2,301,362)	(204,927)	301,759	(35,978,984)
Year to date	(25,874,401)	(294,414)	(26,168,815)	(1,620,916)	3,805,189	(23,984,542)
Hydraulic allocation						(895,664)
(from page 4)						
Total	(25,874,401)	(294,414)	(26,168,815)	(1,620,916)	3,805,189	(36,874,648)

<sup>(1)</sup> The RSP adjustment rate for Industrial Customers excluding Teck Resources is 0.785 cents per kWh effective January 1, 2008. The rate for Teck Cominco is 2.000 cents per kWh.

## Newfoundland and Labrador Hydro Rate Stabilization Plan Overall Summary December 31, 2009

	Α	В	С	D
	Hydraulic	Utility	Industrial	Total
	Balance	Balance	Balance	To Date
	(\$)	(\$)	(\$)	(\$)
				(A + B + C)
	(from page 4)	(from page 10)	(from page 11)	
December 2008	(30,902,837)	(10,329,890)	(11,994,442)	(53,227,169)
January	(38,357,965)	(16,100,633)	(13,031,099)	(67,489,697)
February	(43,419,656)	(22,184,503)	(14,311,188)	(79,915,347)
March	(48,173,728)	(28,308,787)	(16,015,749)	(92,498,264)
April	(46,922,272)	(33,163,554)	(18,967,708)	(99,053,534)
May	(47,943,144)	(36,685,393)	(21,426,774)	(106,055,311)
June	(47,854,286)	(39,577,756)	(23,430,528)	(110,862,570)
July	(43,312,020)	(40,048,731)	(25,540,581)	(108,901,332)
August	(38,481,007)	(40,370,946)	(27,559,730)	(106,411,683)
September	(34,286,888)	(40,708,049)	(29,499,973)	(104,494,910)
October	(39,102,944)	(41,754,461)	(31,594,894)	(112,452,299)
November	(41,097,373)	(41,714,262)	(33,774,454)	(116,586,089)
December	(32,181,286)	(52,940,017)	(36,874,648)	(121,995,951)

#### Newfoundland and Labrador hydro Rate Stabilization Plan Recovery Industrial Customers

December, 2009

Line No	Calculation of Industrial Customer RSP Rate	Amo	unt	Comments	
	Current Plan				
1	December Balance		\$	(37,784,720)	December RSP, Page 11
2	Forecast Financing Costs to December 31, 2010		\$	(1,396,792)	Line 23
3	Total		\$	(39,181,512)	Line 1 plus Line 2
4	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)			384,777,985	December RSP, Page 11
5	(mills per kWh)			(101.83)	Line 3/Line 4*1000
	Fuel Price Projection Rider				
6	Industrial Fuel Price Projection		\$	3,743,238	Industrial Filing Oct 08
7	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by		384,777,985	December RSP, Page 11
8	(mills per kWh)			9.73	Line 6/Line 7*1000
9	Industrial RSP Adjustment Rate			(92.10)	Line 5 plus Line 8

## **Industrial Customer Forecast Financing Charges**

2010

	2007 Test Year Weighted Average Cost of Capital per annum	1	7.529%		
	Nominal Financing Rate		7.281%		
		2009Month			Total
		Sales	Financing		To Date
		kWh	Costs	Adjustment	Balance
10	Balance Forward				(37,784,720)
11	January	50,646,871	(229,259)	5,157,314	(32,856,665)
12	February	42,933,788	(199,358)	4,371,900	(28,684,123)
13	March	41,308,959	(174,041)	4,206,445	(24,651,719)
14	April	18,325,451	(149,574)	1,866,060	(22,935,233)
15	May	19,887,268	(139,160)	2,025,098	(21,049,294)
16	June	30,031,606	(127,717)	3,058,085	(18,118,926)
17	July	31,153,413	(109,937)	3,172,317	(15,056,545)
18	August	33,368,778	(91,356)	3,397,905	(11,749,995)
19	September	30,796,894	(71,293)	3,136,013	(8,685,275)
20	October	30,120,796	(52,698)	3,067,167	(5,670,806)
21	November	26,879,620	(34,408)	2,737,122	(2,968,092)
22	December	29,324,541	(18,009)	2,986,085	(16)
23	Total	384,777,985	(1,396,808)	39,181,512	

	Α	В	С	D	E	F
			Subtotal			Cumulative
	Load	Allocation	Monthly	Financing		Net
	Variation	Fuel Variance	Variances	Charges	Adjustment	Balance
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
			(A + B)			
	(from page 9)	(from page 7)				(to page 12)
Opening Balance						(8,464,900)
January	(1,361,201)	(68,889)	(1,430,090)	(51,361)	(96,736)	(10,043,087)
February	(1,401,471)	(198,516)	(1,599,987)	(60,936)	(82,004)	(11,786,013)
March	(1,809,433)	(197,162)	(2,006,595)	(71,512)	(78,900)	(13,943,020)
April	(2,936,566)	(126,382)	(3,062,948)	(84,599)	(35,002)	(17,125,569)
May	(2,543,731)	(23,022)	(2,566,753)	(103,909)	(37,985)	(19,834,215)
June	(2,176,693)	6,673	(2,170,020)	(120,344)	(57,360)	(22,181,940)
July	(2,304,911)	27,255	(2,277,656)	(134,589)	(59,503)	(24,653,688)
August	(2,214,630)	22,780	(2,191,850)	(149,586)	(63,734)	(27,058,858)
September	(2,098,848)	24,049	(2,074,799)	(164,180)	(58,822)	(29,356,659)
October	(2,207,016)	(12,725)	(2,219,741)	(178,122)	(57,531)	(31,812,053)
November	(2,353,614)	86,600	(2,267,014)	(193,020)	(51,340)	(34,323,427)
December	(2,466,287)	164,925	(2,301,362)	(208,257)	(56,010)	(36,889,056)
Year to date	(25,874,401)	(294,414)	(26,168,815)	(1,520,415)	(734,926)	(28,424,156)
Hydraulic allocation						(895,664)
Total	(25,874,401)	(294,414)	(26,168,815)	(1,520,415)	(734,926)	(37,784,720)

Total

(10,315,182)

3,159,108

(7,156,074)

В c D Ε F G Α н ı Subtotal Cumulative Load Allocation Monthly Financing Net (Historic Plan) Financing (Historic Plan) Variances Adjustment Variation **Fuel Variance** Charges Adjustment Balance Charges Balance (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (A + B)**Opening Balance** (8,828,969) January (1,339,888) 578,004 (761,884) (53,570) 1,021,597 (8,622,826) (559,391) 0 (559,391) (927,720) 511,893 (415,827) (52,319) 1,047,749 (8,043,223) (3,394)February (579,669) (1,142,454)(1,095,157) 391,847 (703,310)(48,802) 1,104,803 (7,690,532) (605,800) March (6,932)(1,755,186)(832,010) 303,113 (528,897) (46,662) 1,187,451 (7,078,640) (10,650)(2,423,381)April (657,545)May (629,138)208,533 (420,605)(42,950)1,144,587 (6,397,608) (630,211)(14,704)(3,068,296)(850,862) 1,120,088 June (885,012) 34,150 (38,817) (6,167,199) (617,762)(18,617)(3,704,675) (1,019,994) 1,153,290 (4,370,139) July (986,462) (33,532)(37,419) (6,071,322) (642,985) (22,478)(51,982) 1,124,568 (5,023,943) August (1,077,773) (1,129,755)(36,838)(6,113,347)(627,288)(26,516)September (918,884) (7,671)(926,555) (37,093)1,090,466 (5,986,529) (607,489)(30,483)(5,661,915) October (629,410)427,738 (201,672)(36,323)1,235,444 (4,989,080)(683,701)(34,354)(6,379,970)November (259,428) 741,920 482,492 (30,271) 1,377,902 (3,158,956) (769,510) (38,710)(7,188,189) December (734,300) 55,095 (679,205) (19,167) 1,195,712 (2,661,616) (660,442) (43,614)(7,892,245) Year to date (10,315,182) 3,159,108 (7,156,074) (480,231) 13,803,657 6,167,352 (7,641,793) (250,452)(7,892,245)Hydraulic allocation (1,440,578)

(480,231) 13,803,657

(4,102,194)

(7,641,793)

(250,452)

(7,892,245)

	Α	В	С	D	E	F	G	Н	I
			Subtotal			Cumulative			
	Load	Allocation	Monthly	Financing		Net	(Historic Plan)	Financing	(Historic Plan)
	Variation	Fuel Variance	Variances	Charges	Adjustment	Balance	Adjustment	Charges	Balance
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
			(A + B)						
Opening Balance						(4,102,194)			(7,892,245)
January	(1,361,201)	(68,889)	(1,430,090)	(24,890)	1,012,937	(4,544,237)	(546,729)	(47,886)	(8,486,860)
February	(1,401,471)	(198,516)	(1,599,987)	(27,572)	858,676	(5,313,120)	(459,712)	(51,494)	(8,998,066)
March	(1,809,433)	(197,162)	(2,006,595)	(32,237)	826,179	(6,525,773)	(437,312)	(54,596)	(9,489,974)
April	(2,936,566)	(126,382)	(3,062,948)	(39,595)	366,509	(9,261,807)	(158,344)	(57,580)	(9,705,898)
May	(2,543,731)	(23,022)	(2,566,753)	(56,196)	397,745	(11,487,011)	(174,971)	(58,891)	(9,939,760)
June	(2,176,693)	6,673	(2,170,020)	(69,697)	600,632	(13,126,095)	(304,359)	(60,309)	(10,304,428)
July	(2,304,911)	27,255	(2,277,656)	(79,643)	623,068	(14,860,326)	(313,301)	(62,522)	(10,680,251)
August	(2,214,630)	22,780	(2,191,850)	(90,165)	667,376	(16,474,966)	(339,708)	(64,802)	(11,084,761)
September	(2,098,848)	24,049	(2,074,799)	(99,962)	615,938	(18,033,789)	(314,163)	(67,257)	(11,466,181)
October	(2,207,016)	(12,725)	(2,219,741)	(109,420)	602,416	(19,760,534)	(298,605)	(69,571)	(11,834,357)
November	(2,353,614)	86,600	(2,267,014)	(119,897)	537,592	(21,609,852)	(258,436)	(71,805)	(12,164,598)
December	(2,466,287)	164,925	(2,301,362)	(131,118)	586,491	(23,455,842)	(284,732)	(73,809)	(12,523,139)
Year to date	(25,874,401)	(294,414)	(26,168,815)	(880,392)	7,695,560	(19,353,647)	(3,890,372)	(740,522)	(12,523,139)
Hydraulic allocation						(895,664)			
Total	(25,874,401)	(294,414)	(26,168,815)	(880,392)	7,695,560	(24,351,506)	(3,890,372)	(740,522)	(12,523,139)

#### Newfoundland and Labrador Hydro Rate Stabilization Plan Recovery Industrial Customers

December, 2007

Line No	Calculation of Industrial Customer RSP Rate		Amoi	unt	Comments
	Current Plan				
1	December Balance		\$	1,171,031	Attachment 5, Page 1 of 6
2	Forecast Financing Costs to December 31, 2008			45,419	Line 25
3	Total		\$	1,216,450	Line 1 plus Line 2
4	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	771,198,557			
5	Less forecast reduction in Abitibi sales	(165,300,000)			
6	Adjusted 12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by		605,898,557	
7	(mills per kWh)			2.01	Line 3/Line 6*1000
	Fuel Price Projection Rider				
8	Industrial Fuel Price Projection		\$	760,412	
9	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by		605,898,557	_
10	(mills per kWh)			1.26	Line 8/Line 9*1000
11	Industrial RSP Adjustment Rate			3.27	Line 7 plus Line 10

## Industrial Customer Forecast Financing Charges

2008

	2007 Test Year Weighted Average Cost of Capital per ann Nominal Financing Rate	um	7.529% 7.281%		
	Norminal Financing Nace	2007Month	7.201/0		Total
		Sales	Financing		To Date
		kWh	Costs	Adjustment	Balance
12	Balance Forward				1,171,031
13	January	47,761,303	7,105	(96,000)	1,082,136
14	February	48,724,850	6,566	(97,937)	990,765
15	March	58,718,369	6,011	(118,024)	878,753
16	April	52,192,990	5,332	(104,908)	779,177
17	May	58,231,721	4,728	(117,046)	666,859
18	June	56,293,859	4,046	(113,151)	557,754
19	July	54,283,392	3,384	(109,110)	452,029
20	August	56,087,173	2,743	(112,735)	342,036
21	September	41,315,785	2,075	(83,045)	261,067
22	October	32,172,646	1,584	(64,667)	197,984
23	November	46,331,086	1,201	(93,125)	106,059
24	December	53,785,383	644	(108,109)	(1,406)
25	Total	605,898,557	45,419	(1,217,856)	

	Α	В	С	D	E	F
			Subtotal			Cumulative
	Load	Allocation	Monthly	Financing		Net
_	Variation	Fuel Variance	Variances	Charges	Adjustment	Balance
_	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
			(A + B)			
Opening Balance						1,171,031
January	(1,339,888)	578,004	(761,884)	7,105	(167,031)	249,221
February	(927,720)	511,893	(415,827)	1,512	(171,307)	(336,401)
March	(1,095,157)	391,847	(703,310)	(2,041)	(180,635)	(1,222,387)
April	(832,010)	303,113	(528,897)	(7,417)	(194,148)	(1,952,849)
May	(629,138)	208,533	(420,605)	(11,849)	(187,140)	(2,572,443)
June	(885,012)	34,150	(850,862)	(15,608)	(183,134)	(3,622,047)
July	(986,462)	(33,532)	(1,019,994)	(21,977)	(188,563)	(4,852,581)
August	(1,077,773)	(51,982)	(1,129,755)	(29,443)	(183,867)	(6,195,646)
September	(918,884)	(7,671)	(926,555)	(37,592)	(178,291)	(7,338,084)
October	(629,410)	427,738	(201,672)	(44,524)	(201,995)	(7,786,275)
November	(259,428)	741,920	482,492	(47,243)	(225,287)	(7,576,313)
December	(734,300)	55,095	(679,205)	(45,969)	(195,499)	(8,496,986)
Year to date	(10,315,182)	3,159,108	(7,156,074)	(255,046)	(2,256,897)	(9,668,017)
Hydraulic allocation						(1,440,578)
Total	(10,315,182)	3,159,108	(7,156,074)	(255,046)	(2,256,897)	(9,937,564)

#### Newfoundland and Labrador Hydro Rate Stabilization Plan Recovery Industrial Customers

December, 2008

Line No	Calculation of Industrial Customer RSP Rate		Amount	Comments
	Current Plan			
1	December Balance		\$ (9,937	7,564) Attachment 5, Page 2
2	Forecast Financing Costs to December 31, 2009		\$ (408	3,256) Line 14
3	Total		\$ (10,345	5,820) Line 1 plus Line 2
4	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by	690,182	2,871
5	(mills per kWh)		(1	14.99) Line 3/Line 4*1000
	Fuel Price Projection Rider			
6	Industrial Fuel Price Projection		\$ 10,128	3,754
7	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by	690,182	2,871
8	Total Current Plan (mills per kWh)			14.68 Line 6/Line 7*1000
9	Industrial RSP Adjustment Rate			(0.31) Line 5 plus Line 8

## **Industrial Customer Forecast Financing Charges**

2009

	2007 Test Year Weighted Average Cost of Capital per annul Nominal Financing Rate	m	7.529% 7.281%		
		2008Month			Total
		Sales	Financing		To Date
		kWh	Costs	Adjustment	Balance
1	Balance Forward				(9,937,564)
2	January	51,079,860	(60,296)	765,686	(9,232,174)
3	February	52,387,448	(56,016)	785,286	(8,502,904)
4	March	55,240,151	(51,591)	828,048	(7,726,448)
5	April	59,372,548	(46,880)	889,993	(6,883,335)
6	May	57,229,347	(41,765)	857,866	(6,067,234)
7	June	56,004,405	(36,813)	839,504	(5,264,542)
8	July	57,664,475	(31,943)	864,389	(4,432,096)
9	August	56,228,407	(26,892)	842,862	(3,616,126)
10	September	54,523,317	(21,941)	817,303	(2,820,764)
11	October	61,772,188	(17,115)	925,963	(1,911,915)
12	November	68,895,119	(11,601)	1,032,736	(890,780)
13	December	59,785,606	(5,405)	896,184	(1)
14	Total	690,182,871	(408,257)	10,345,820	

Load Variation         Allocation Fuel Variance         Subtotal Variances         Charges Charges         Adjustment Adjustment         Ret Balance           Opening Balance           (9,937,565)           January         (1,361,201)         (68,889)         (1,430,090)         (60,296)         15,701         (11,412,250)           February         (1,401,471)         (198,516)         (1,599,987)         (69,244)         13,309         (13,068,172)           March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108) <td< th=""><th></th><th>Α</th><th>В</th><th>С</th><th>D</th><th>E</th><th>F</th></td<>		Α	В	С	D	E	F
Variation         Fuel Variances         Variances         Charges         Adjustment         Balance           (\$)				Subtotal			Cumulative
Opening Balance         (9,937,565)           January         (1,361,201)         (68,889)         (1,430,090)         (60,296)         15,701         (11,412,250)           February         (1,401,471)         (198,516)         (1,599,987)         (69,244)         13,309         (13,068,172)           March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,7		Load	Allocation	Monthly	Financing		Net
(A + B)           Opening Balance         (9,937,565)           January         (1,361,201)         (68,889)         (1,430,090)         (60,296)         15,701         (11,412,250)           February         (1,401,471)         (198,516)         (1,599,987)         (69,244)         13,309         (13,068,172)           March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,	_	Variation	Fuel Variance	Variances	Charges	Adjustment	Balance
Opening Balance         (9,937,565)           January         (1,361,201)         (68,889)         (1,430,090)         (60,296)         15,701         (11,412,250)           February         (1,401,471)         (198,516)         (1,599,987)         (69,244)         13,309         (13,068,172)           March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,353,614)         86,600         (2,267,014		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
January         (1,361,201)         (68,889)         (1,430,090)         (60,296)         15,701         (11,412,250)           February         (1,401,471)         (198,516)         (1,599,987)         (69,244)         13,309         (13,068,172)           March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,05				(A + B)			
February         (1,401,471)         (198,516)         (1,599,987)         (69,244)         13,309         (13,068,172)           March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692	Opening Balance						(9,937,565)
March         (1,809,433)         (197,162)         (2,006,595)         (79,291)         12,806         (15,141,252)           April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)<	January	(1,361,201)	(68,889)	(1,430,090)	(60,296)	15,701	(11,412,250)
April         (2,936,566)         (126,382)         (3,062,948)         (91,870)         5,681         (18,290,389)           May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282	February	(1,401,471)	(198,516)	(1,599,987)	(69,244)	13,309	(13,068,172)
May         (2,543,731)         (23,022)         (2,566,753)         (110,977)         6,165         (20,961,954)           June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	March	(1,809,433)	(197,162)	(2,006,595)	(79,291)	12,806	(15,141,252)
June         (2,176,693)         6,673         (2,170,020)         (127,187)         9,310         (23,249,851)           July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)         (895,664)	April	(2,936,566)	(126,382)	(3,062,948)	(91,870)	5,681	(18,290,389)
July         (2,304,911)         27,255         (2,277,656)         (141,068)         9,658         (25,658,917)           August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	May	(2,543,731)	(23,022)	(2,566,753)	(110,977)	6,165	(20,961,954)
August         (2,214,630)         22,780         (2,191,850)         (155,685)         10,344         (27,996,108)           September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	June	(2,176,693)	6,673	(2,170,020)	(127,187)	9,310	(23,249,851)
September         (2,098,848)         24,049         (2,074,799)         (169,866)         9,547         (30,231,226)           October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	July	(2,304,911)	27,255	(2,277,656)	(141,068)	9,658	(25,658,917)
October         (2,207,016)         (12,725)         (2,219,741)         (183,428)         9,337         (32,625,058)           November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	August	(2,214,630)	22,780	(2,191,850)	(155,685)	10,344	(27,996,108)
November         (2,353,614)         86,600         (2,267,014)         (197,953)         8,333         (35,081,692)           December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	September	(2,098,848)	24,049	(2,074,799)	(169,866)	9,547	(30,231,226)
December         (2,466,287)         164,925         (2,301,362)         (212,858)         9,091         (37,586,821)           Year to date         (25,874,401)         (294,414)         (26,168,815)         (1,599,723)         119,282         (27,649,256)           Hydraulic allocation         (895,664)	October	(2,207,016)	(12,725)	(2,219,741)	(183,428)	9,337	(32,625,058)
Year to date (25,874,401) (294,414) (26,168,815) (1,599,723) 119,282 (27,649,256) Hydraulic allocation (895,664)	November	(2,353,614)	86,600	(2,267,014)	(197,953)	8,333	(35,081,692)
Hydraulic allocation (895,664)	December	(2,466,287)	164,925	(2,301,362)	(212,858)	9,091	(37,586,821)
Hydraulic allocation (895,664)	Year to date	(25,874,401)	(294,414)	(26,168,815)	(1,599,723)	119,282	(27,649,256)
	Hydraulic allocation	, , ,	, , ,		,,,,,		
	· -	(25,874,401)	(294,414)	(26,168,815)	(1,599,723)	119,282	

#### Newfoundland and Labrador Hydro Rate Stabilization Plan Recovery Industrial Customers

December, 2009

Line No	Calculation of Industrial Customer RSP Rate		Amo	unt Comments
	Current Plan			
1	December Balance		\$	(38,482,485) Attachment 5, page 4
2	Forecast Financing Costs to December 31, 2010		\$	(1,423,019) Line 24
3	Total		\$	(39,905,504) Line 1 plus Line 2
4	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by		384,777,985
5	(mills per kWh)			(103.71) Line 3/Line 4*1000
	Fuel Price Projection Rider			
6	Industrial Fuel Price Projection		\$	3,743,238
7	12 months to date (Jan - Dec) Industrial Customer Sales (kWh)	divided by		384,777,985
8	Total Current Plan (mills per kWh)			9.73 Line 6/Line 7*1000
9	Industrial RSP Adjustment Rate			(93.98) Line 5 plus Line 8

## **Industrial Customer Forecast Financing Charges**

2010

	2007 Test Year Weighted Average Cost of Capital per annu	m	7.529%		
	Nominal Financing Rate		7.281%		
		2009Month			Total
		Sales	Financing		To Date
		kWh	Costs	Adjustment	Balance
11	Balance Forward				(38,482,485)
12	January	50,646,871	(233,492)	5,252,587	(33,463,390)
13	February	42,933,788	(203,039)	4,452,663	(29,213,766)
14	March	41,308,959	(177,255)	4,284,152	(25,106,869)
15	April	18,325,451	(152,336)	1,900,533	(23,358,672)
16	May	19,887,268	(141,729)	2,062,509	(21,437,892)
17	June	30,031,606	(130,074)	3,114,578	(18,453,389)
18	July	31,153,413	(111,966)	3,230,920	(15,334,434)
19	August	33,368,778	(93,042)	3,460,676	(11,966,800)
20	September	30,796,894	(72,609)	3,193,946	(8,845,463)
21	October	30,120,796	(53,670)	3,123,828	(5,775,305)
22	November	26,879,620	(35,042)	2,787,685	(3,022,661)
23	December	29,324,541	(18,340)	3,041,248	247
24	Total	384,777,985	(1,423,019)	39,905,325	

	Α	В	С	D	E	F	G	Н	I
			Subtotal			Cumulative			
	Load	Allocation	Monthly	Financing		Net	(Historic Plan)	Financing	(Historic Plan)
	Variation	Fuel Variance	Variances	Charges	Adjustment	Balance	Adjustment	Charges	Balance
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	<del>-</del>	(\$)	(\$)
			(A + B)						
Opening Balance						(8,828,969)			10,000,000
January	(1,339,888)	578,004	(761,884)	(53,570)	1,021,597	(8,622,826)	(559,391)	60,675	9,501,284
February	(927,720)	511,893	(415,827)	(52,319)	1,047,749	(8,043,223)	(579,669)	57,649	8,979,264
March	(1,095,157)	391,847	(703,310)	(48,802)	1,104,803	(7,690,532)	(605,800)	54,482	8,427,946
April	(832,010)	303,113	(528,897)	(46,662)	1,187,451	(7,078,640)	(657,545)	51,137	7,821,538
May	(629,138)	208,533	(420,605)	(42,950)	1,144,587	(6,397,608)	(630,211)	47,457	7,238,784
June	(885,012)	34,150	(850,862)	(38,817)	1,120,088	(6,167,199)	(617,762)	43,921	6,664,943
July	(986,462)	(33,532)	(1,019,994)	(37,419)	1,153,290	(6,071,322)	(642,985)	40,440	6,062,397
August	(1,077,773)	(51,982)	(1,129,755)	(36,838)	1,124,568	(6,113,347)	(627,288)	36,784	5,471,893
September	(918,884)	(7,671)	(926,555)	(37,093)	1,090,466	(5,986,529)	(607,489)	33,201	4,897,605
October	(629,410)	427,738	(201,672)	(36,323)	1,235,444	(4,989,080)	(683,701)	29,716	4,243,620
November	(259,428)	741,920	482,492	(30,271)	1,377,902	(3,158,956)	(769,510)	25,748	3,499,859
December	(734,300)	55,095	(679,205)	(19,167)	1,195,712	(2,661,616)	(660,442)	21,235	2,860,652
Year to date	(10,315,182)	3,159,108	(7,156,074)	(480,231)	13,803,657	6,167,352	(7,641,793)	502,445	2,860,652
Hydraulic allocation						(1,440,578)	_		
Total	(10,315,182)	3,159,108	(7,156,074)	(480,231)	13,803,657	(4,102,194)	_		

	Α	В	С	D	E	F	G	н	1
			Subtotal			Cumulative			
	Load	Allocation	Monthly	Financing		Net	(Historic Plan)	Financing	(Historic Plan)
_	Variation	Fuel Variance	Variances	Charges	Adjustment	Balance	Adjustment	Charges	Balance
_	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
			(A + B)						
Opening Balance						(4,102,194)			2,860,652
January	(1,361,201)	(68,889)	(1,430,090)	(24,890)	1,012,937	(4,544,237)	(546,729)	17,357	2,331,280
February	(1,401,471)	(198,516)	(1,599,987)	(27,572)	858,676	(5,313,120)	(459,712)	14,145	1,885,713
March	(1,809,433)	(197,162)	(2,006,595)	(32,237)	826,179	(6,525,773)	(437,312)	11,442	1,459,843
April	(2,936,566)	(126,382)	(3,062,948)	(39,595)	366,509	(9,261,807)	(158,344)	8,858	1,310,357
May	(2,543,731)	(23,022)	(2,566,753)	(56,196)	397,745	(11,487,011)	(174,971)	7,951	1,143,337
June	(2,176,693)	6,673	(2,170,020)	(69,697)	600,632	(13,126,095)	(304,359)	6,937	845,915
July	(2,304,911)	27,255	(2,277,656)	(79,643)	623,068	(14,860,326)	(313,301)	5,133	537,747
August	(2,214,630)	22,780	(2,191,850)	(90,165)	667,376	(16,474,966)	(339,708)	3,263	201,302
September	(2,098,848)	24,049	(2,074,799)	(99,962)	615,938	(18,033,789)	(314,163)	1,221	(111,640)
October	(2,207,016)	(12,725)	(2,219,741)	(109,420)	602,416	(19,760,534)	(298,605)	(677)	(410,922)
November	(2,353,614)	86,600	(2,267,014)	(119,897)	537,592	(21,609,852)	(258,436)	(2,493)	(671,851)
December	(2,466,287)	164,925	(2,301,362)	(131,118)	586,491	(23,455,842)	(284,732)	(4,076)	(960,659)
Year to date	(25,874,401)	(294,414)	(26,168,815)	(880,392)	7,695,560	(19,353,647)	(3,890,372)	69,061	(960,659)
Hydraulic allocation	, , , ,	. , ,		, , ,	. ,	(895,664)	, , , ,	•	, , ,
2003 industrial plan balan	ice Note 2					0			
Total	(25,874,401)	(294,414)	(26,168,815)	(880,392)	7,695,560	(24,351,506)			

<sup>(2)</sup> The balance of the December 2003 Plan related to Industrial customers will be recovered during 2008 as a component of the Current Plan in accordance with the Section E of the Rate Stabilization Plan Rules.