

1 Q. Please show a detailed calculation of the fuel RSP adjustment of 67.994M per
2 Finance Schedule II.

3

4

5 A. Please note that the RSP adjustment of 67.994M has been changed to 73.978M in
6 Hydro's Amended Application.

7

8 Please refer to the following summary of the RSP adjustment per Finance Schedule
9 II (\$000s):

10

11

Breakdown of RSP Deferral for 2015 – Existing Rates

Hydraulic Variation	11,851
Load Variation	13,922
Fuel Cost Variance	(99,190)
Labrador Interconnected ¹	(561)
RSP Adjustment - Finance, Schedule II	(73,978)

¹ Labrador Interconnected \$715 Fuel - \$133 Hydraulic - \$1,143
Rural Rate Alteration.

12

13 Please refer to IC-NLH-150 Attachment 1 (Revision 1), pages 1 to 4, for the detailed
14 calculations.

Newfoundland and Labrador Hydro
Rate Stabilization Plan
Load Variation - Utility
Dec-15

	A	B	C	D	E	F	G	H	I	J	K
	Firm Energy						Secondary Energy				
	Cost of Service Sales	Actual Sales	Sales Variance	Cost of Service No. 6 Fuel Cost	Firm Energy Rate	Load Variation	Cost of Service Sales	Actual Sales	Firming Up Charge	Load Variation	Total Load Variation
	(kWh)	(kWh)	(kWh)	(\$Can/bbl.)	(\$/kWh)	(\$)	(kWh)	(kWh)	(\$/kWh)	(\$)	(\$)
			(B - A)			C x {(D/O ¹) - E}				(G - H) x I	(F + J) (to page 10)
January	574,800,000	729,300,000	154,500,000	54.17	0.08805	(319,177)	0	0	0.00841	0	(319,177)
February	518,600,000	662,500,000	143,900,000	54.73	0.08805	(169,368)	0	0	0.00841	0	(169,368)
March	524,700,000	657,400,000	132,700,000	55.46	0.08805	(2,422)	0	0	0.00841	0	(2,422)
April	429,200,000	514,600,000	85,400,000	55.46	0.08805	(1,559)	0	0	0.00841	0	(1,559)
May	358,700,000	423,000,000	64,300,000	55.46	0.08805	(1,174)	0	0	0.00841	0	(1,174)
June	298,400,000	348,100,000	49,700,000	54.49	0.08805	(77,429)	0	0	0.00841	0	(77,429)
July	293,400,000	314,700,000	21,300,000	54.49	0.08805	(33,184)	0	0	0.00841	0	(33,184)
August	287,000,000	314,500,000	27,500,000	54.49	0.08805	(42,843)	0	0	0.00841	0	(42,843)
September	297,700,000	337,300,000	39,600,000	54.49	0.08805	(61,694)	0	0	0.00841	0	(61,694)
October	360,200,000	416,700,000	56,500,000	54.56	0.08805	(81,746)	0	0	0.00841	0	(81,746)
November	439,300,000	526,000,000	86,700,000	54.56	0.08805	(125,440)	0	0	0.00841	0	(125,440)
December	543,800,000	680,000,000	136,200,000	58.98	0.08805	758,504	0	0	0.00841	0	758,504
	4,925,800,000	5,924,100,000	998,300,000			(157,532)	0	0		0	(157,532)

¹ O is the Holyrood Operating Efficiency of 630 kWh/barrel.

Newfoundland and Labrador Hydro

Rate Stabilization Plan

Load Variation - Industrial

Dec-15

	A	B	C	D	E	F
	Cost of Service Sales	Actual Sales	Sales Variance	Cost of Service No. 6 Fuel Cost	Firm Energy Rate	Load Variation
	(kWh)	(kWh)	(kWh)	(\$)	(\$/kWh)	(\$)
			(B - A)			C x {(D/O ¹) - E} (to page 11)
January	78,300,000	49,000,000	(29,300,000)	54.17	0.03676	(1,442,267)
February	70,900,000	45,900,000	(25,000,000)	54.73	0.03676	(1,252,825)
March	76,600,000	51,200,000	(25,400,000)	55.46	0.03676	(1,302,302)
April	75,600,000	50,500,000	(25,100,000)	55.46	0.03676	(1,286,921)
May	69,500,000	53,500,000	(16,000,000)	55.46	0.03676	(820,348)
June	73,800,000	51,700,000	(22,100,000)	54.49	0.03676	(1,099,079)
July	77,500,000	51,900,000	(25,600,000)	54.49	0.03676	(1,273,141)
August	77,900,000	53,100,000	(24,800,000)	54.49	0.03676	(1,233,355)
September	73,000,000	38,300,000	(34,700,000)	54.49	0.03676	(1,725,703)
October	74,400,000	58,800,000	(15,600,000)	54.56	0.03676	(777,554)
November	74,100,000	57,800,000	(16,300,000)	54.56	0.03676	(812,444)
December	72,700,000	59,700,000	(13,000,000)	58.98	0.03676	(739,168)
	894,300,000	621,400,000	(272,900,000)			(13,765,107)

¹ O is the Holyrood Operating Efficiency of 630 kWh/barrel.

Newfoundland and Labrador Hydro

Rate Stabilization Plan

No. 6 Fuel Variation

Dec-15

	A	B	C	D	E	F	G
	Actual Quantity No. 6 Fuel (bbl.)	Actual Quantity No. 6 Fuel for Non-Firm Sales (bbl.)	Net Quantity No. 6 Fuel (bbl.) (A - B)	Cost of Service No. 6 Fuel Cost (\$Can/bbl.)	Actual Average No. 6 Fuel Cost (\$Can/bbl.)	Cost Variance (\$Can/bbl.) (E - D)	No.6 Fuel Variation (\$) (C X F) (to page 6)
January	423,048	0	423,048	54.17	95.91	41.74	17,658,024
February	382,109	0	382,109	54.73	94.08	39.35	15,035,989
March	402,900	0	402,900	55.46	93.40	37.94	15,286,026
April	259,934	0	259,934	55.46	93.40	37.94	9,861,896
May	201,450	0	201,450	55.46	92.98	37.52	7,558,404
June	77,974	0	77,974	54.49	92.98	38.49	3,001,219
July	0	0	0	54.49	106.55	52.06	0
August	0	0	0	54.49	106.55	52.06	0
September	25,997	0	25,997	54.49	92.98	38.49	1,000,625
October	167,875	0	167,875	54.56	93.38	38.82	6,516,908
November	259,934	0	259,934	54.56	92.35	37.79	9,822,906
December	423,150	0	423,150	58.98	90.76	31.78	13,447,707
	2,624,371	0	2,624,371	55.47	93.32	37.85	99,189,704

Newfoundland and Labrador Hydro
Rate Stabilization Plan
Net Hydraulic Production Variation
Dec-15

	A	B	C	D	E	F	G
	Cost of Service Net Hydraulic Production	Actual Net Hydraulic Production	Monthly Net Hydraulic Production Variance	Cost of Service No. 6 Fuel Cost	Net Hydraulic Production Variation	Financing Charges	Cumulative Variation and Financing Charges
	(kWh)	(kWh)	(kWh)	(\$Can/bbl.)	(\$)	(\$)	(\$)
			(A - B)		(C / O¹ X D)		(E + F)
							(to page 12)
Opening balance							(45,946,148)
January	427,100,000	503,640,000	(76,540,000)	54.17	(6,581,225)	(278,778)	(52,806,151)
February	388,680,000	457,830,000	(69,150,000)	54.73	(6,007,269)	(320,401)	(59,133,821)
March	415,080,000	438,830,000	(23,750,000)	55.46	(2,090,754)	(358,794)	(61,583,369)
April	355,520,000	370,790,000	(15,270,000)	55.46	(1,344,245)	(373,657)	(63,301,271)
May	324,240,000	312,990,000	11,250,000	55.46	990,357	(384,080)	(62,694,994)
June	328,500,000	323,000,000	5,500,000	54.49	475,706	(380,402)	(62,599,690)
July	386,790,000	330,220,000	56,570,000	54.49	4,892,856	(379,824)	(58,086,658)
August	379,140,000	330,170,000	48,970,000	54.49	4,235,516	(352,441)	(54,203,583)
September	363,560,000	326,980,000	36,580,000	54.49	3,163,880	(328,880)	(51,368,583)
October	340,510,000	348,360,000	(7,850,000)	54.56	(679,835)	(311,679)	(52,360,097)
November	364,390,000	400,160,000	(35,770,000)	54.56	(3,097,796)	(317,695)	(55,775,588)
December	398,560,000	460,598,000	(62,038,000)	58.98	(5,807,938)	(338,418)	(61,921,944)
	4,472,070,000	4,603,568,000	(131,498,000)		(11,850,747)	(4,125,049)	(61,921,944)
Hydraulic Allocation ²					14,449,224	4,125,049	18,574,273
Hydraulic Variation at Year End					2,598,477	-	(43,347,671)

¹ O is the Holyrood Operating Efficiency of 630 kWh/barrel.

² At year end 25% of the hydraulic variation balance and 100% of the annual financing charges are allocated to customers.