

1 Q. (Evidence Introduction page 1.15, lines 1 to 3)

2 Please provide the same table requested in the previous RFI, but assuming the load

3 variation component of the RSP was allocated on the basis of load ratio share as

4 proposed by Hydro.

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7 A. The response to CA-NLH-010 provides the base rates and RSP adjustment rates for

8 NP and each IC for every year the RSP has been in existence. The change in the

9 load variation methodology as proposed by Hydro would impact the RSP

10 adjustment rate only. The approximate \$ and ¢/kWh impacts for 1999 to 2013 of

11 this change are provided in CA-NLH-011 Attachment 1 (Revision 1). Detailed

12 information prior to this date is not readily available. The results of the analysis

13 indicate that the new methodology of allocating the net load variation based upon

14 energy ratios produces allocations which are closer to Cost of Service results than

15 the existing methodology.

Newfoundland and Labrador Hydro
Rate Stabilization Plan - Load Variation

Line No		Cost of Service Sales (kWh)	Actual Sales (kWh)	Sales Variance (kWh) (B-A)	Cost of Service No. 6			Allocation of Load Variation ³ (\$)	Reallocate Rural Island Customers ⁴		Load Variation Difference		
					Firm Energy Fuel Cost ¹ (\$/Scan/bbl.)	Rate (\$/kWh)	Load Variation (\$)		Utility (\$)	Labrador Interconnected (\$)	Total Load Variation (\$)	\$	¢/kWh
					C x { (D/O ²) - E }						(G+H)	(J-F)	(K/B)
1	1999 Utility	4,284,100,000	4,083,340,555	(200,759,445)	12.45	0.04531	4,965,080	3,695,558	261,968	33,774	3,957,527	(1,007,553)	(0.0002)
2	Industrial Customers	1,249,200,000	1,170,669,406	(78,530,594)	12.45	0.02167	85,715	1,059,495			1,059,495	973,779	0.0008
3	Rural Island		326,775,000					295,742					
4	Total		5,580,784,961				5,050,795	5,050,795			5,017,021	(33,774)	
5	2000 Utility	4,284,100,000	4,263,083,656	(21,016,344)	12.45	0.04531	519,765	374,430	27,430	3,536	401,859	(117,906)	(0.0000)
6	Industrial Customers	1,249,200,000	1,245,157,450	(4,042,550)	12.45	0.01934	(5,007)	109,363			109,363	114,370	0.0001
7	Rural Island		352,564,407					30,966					
8	Total		5,860,805,513				514,759	514,759			511,222	(3,536)	
9	2001 Utility	4,284,100,000	4,423,243,617	139,143,617	12.45	0.04531	(3,441,229)	(2,590,126)	(179,182)	(23,101)	(2,769,308)	671,921	0.0002
10	Industrial Customers	1,249,200,000	1,203,875,588	(45,324,412)	12.45	0.01934	(56,135)	(704,955)			(704,955)	(648,820)	(0.0005)
11	Rural Island		345,444,318					(202,282)					
12	Total		5,972,563,523				(3,497,363)	(3,497,363)			(3,474,263)	23,101	
13	2002 Utility	4,485,100,000	4,588,739,820	103,639,820	25.47	0.04789	(671,106)	(1,299,035)	(101,159)	(13,042)	(1,400,194)	(729,088)	(0.0002)
14	Industrial Customers	1,388,797,471	1,325,080,726	(63,716,745)	25.47	0.02388	(1,117,250)	(375,120)			(375,120)	742,130	0.0006
15	Rural Island		403,403,969					(114,200)					
16	Total		6,317,224,515				(1,788,356)	(1,788,356)			(1,775,314)	13,042	
17	2003 Utility	4,485,100,000	4,641,718,792	156,618,792	25.47	0.04789	(1,014,164)	(1,884,496)	(142,929)	(18,427)	(2,027,424)	(1,013,260)	(0.0002)
18	Industrial Customers	1,388,797,471	1,299,863,759	(88,933,712)	25.47	0.02388	(1,559,420)	(527,733)			(527,733)	1,031,687	0.0008
19	Rural Island		397,435,994					(161,355)					
20	Total		6,339,018,545				(2,573,584)	(2,573,584)			(2,555,157)	18,427	
21	2004 Utility	4,608,500,000	4,708,710,618	100,210,618	26.59	0.05012	(792,133)	306,317	22,764	2,935	329,080	1,121,214	0.0002
22	Industrial Customers	1,360,529,201	1,432,581,251	72,052,050	26.59	0.02532	1,217,342	93,194			93,194	(1,124,148)	(0.0008)
23	Rural Island		395,039,641					25,699					
24	Total		6,536,331,510				425,209	425,209			422,274	(2,935)	
25	2005 Utility	4,772,700,000	4,663,834,024	(108,865,976)	29.20	0.04700	70,129	(1,373,014)	(99,299)	(12,802)	(1,472,314)	(1,542,443)	(0.0003)
26	Industrial Customers	1,334,800,000	1,236,901,333	(97,898,667)	29.20	0.02675	(1,919,384)	(364,139)			(364,139)	1,555,245	0.0013
27	Rural Island		380,784,148					(112,101)					
28	Total		6,281,519,505				(1,849,254)	(1,849,254)			(1,836,452)	12,802	
29	2006 Utility	4,772,700,000	4,616,830,537	(155,869,463)	29.20	0.04700	100,408	(9,158,159)	(654,254)	(84,348)	(9,812,413)	(9,912,821)	(0.0021)
30	Industrial Customers	1,334,800,000	749,100,463	(585,699,537)	29.20	0.02675	(11,483,120)	(1,485,950)			(1,485,950)	9,997,169	0.0133
31	Rural Island		372,345,900					(738,603)					
32	Total		5,738,276,900				(11,382,712)	(11,382,712)			(11,298,363)	84,348	
33	2007 Utility	4,925,800,000	4,990,327,693	64,527,693	55.11	0.08805	(37,027)	(5,086,479)	(363,284)	(44,442)	(5,449,763)	(5,412,736)	(0.0011)
34	Industrial Customers	894,300,000	771,198,558	(123,101,442)	55.11	0.03676	(6,243,236)	(786,058)			(786,058)	5,457,178	0.0071
35	Rural Island		400,018,423					(407,726)					
36	Total		6,161,544,674				(6,280,263)	(6,280,263)			(6,235,821)	44,442	
37	2008 Utility	4,925,800,000	4,959,673,035	33,873,035	55.11	0.08805	(19,437)	(8,486,155)	(627,621)	(76,780)	(9,113,776)	(9,094,339)	(0.0018)
38	Industrial Customers	894,300,000	690,182,871	(204,117,129)	55.11	0.03676	(10,352,043)	(1,180,924)			(1,180,924)	9,171,119	0.0133
39	Rural Island		411,682,211					(704,401)					
40	Total		6,061,538,117				(10,371,480)	(10,371,480)			(10,294,700)	76,780	
41	2009 Utility	4,925,800,000	5,104,036,716	178,236,716	55.11	0.08805	(102,274)	(22,427,595)	(1,626,026)	(198,919)	(24,053,621)	(23,951,348)	(0.0047)
42	Industrial Customers	894,300,000	384,777,985	(509,522,015)	55.11	0.03676	(25,841,016)	(1,690,749)			(1,690,749)	24,150,267	0.0628
43	Rural Island		415,318,157					(1,824,945)					
44	Total		5,904,132,858				(25,943,289)	(25,943,289)			(25,744,370)	198,919	
45	2010 Utility	4,925,800,000	5,015,509,878	89,709,878	55.11	0.08805	(51,476)	(23,055,118)	(1,664,712)	(203,652)	(24,719,830)	(24,668,354)	(0.0049)
46	Industrial Customers	894,300,000	370,319,827	(523,980,173)	55.11	0.03676	(26,574,278)	(1,702,273)			(1,702,273)	24,872,005	0.0672
47	Rural Island		406,451,869					(1,868,364)					
48	Total		5,792,281,574				(26,625,755)	(26,625,755)			(26,422,103)	203,652	
49	2011 Utility	4,925,800,000	5,317,495,075	391,695,075	55.11	0.08805	(223,722)	(26,135,673)	(1,916,351)	(234,436)	(28,052,024)	(27,828,302)	(0.0052)
50	Industrial Customers	894,300,000	310,873,875	(583,426,125)	55.11	0.03676	(29,590,694)	(1,527,956)			(1,527,956)	28,062,738	0.0903
51	Rural Island		437,593,508					(2,150,787)					
52	Total		6,065,962,458				(29,814,416)	(29,814,416)			(29,579,980)	234,436	
53	2012 Utility	4,925,800,000	5,359,316,868	433,516,868	55.11	0.08805	(247,609)	(21,413,180)	(1,586,420)	(194,074)	(22,999,600)	(22,751,991)	(0.0042)
54	Industrial Customers	894,300,000	409,614,546	(484,685,454)	55.11	0.03676	(24,582,682)	(1,636,617)			(1,636,617)	22,946,065	0.0560
55	Rural Island		445,624,295					(1,780,494)					
56	Total		6,214,555,709				(24,830,291)	(24,830,291)			(24,636,217)	194,074	
53	2013 Utility	4,925,800,000	5,605,729,562	679,929,562	55.11	0.08805	(388,351)	(24,402,741)	(1,776,408)	(217,316)	(26,179,150)	(25,790,798)	(0.0046)
54	Industrial Customers	894,300,000	351,353,424	(542,946,576)	55.11	0.03676	(27,537,618)	(1,529,504)			(1,529,504)	26,008,114	0.0740
55	Rural Island		457,992,791					(1,993,724)					
56	Total		6,415,075,777				(27,925,970)	(27,925,970)			(27,708,654)	217,316	

1) For the purpose of this response, the twelve month average No. 6 fuel cost from the respective Test Year Cost of Service Study in each year was used.

2) O is the Holyrood Operating Efficiency from the respective Test Year Cost of Service Study for each year.

3) Calculated using the proportionate share of total twelve months-to-date actual energy sales for each customer class.

4) The load variance initially allocated to Rural Island Interconnected is re-allocated between Utility and Labrador Interconnected customers in same proportion as the Rural Deficit was allocated in the respective Test Year Cost of Service Study for each year.