

1 Q. **Reference: Introduction Evidence**

2 Please provide the 2013 Test Year average embedded cost of Hydro's hydraulic
3 production on a ¢ per kWh basis. In the response, please provide the supporting
4 computations. (Introduction Evidence, page 1.2, line 8)

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7 A. The table below provides a summary of the allocated 2015 Test Year average
8 embedded cost of Hydro's hydraulic production on a ¢ per kWh basis of 2.455.
9 Supporting details are provided in NP-NLH-052 Attachment 1 (Revision 1).

2015 Test Year Cost of Hydraulic Production		
Line No	Item	Amount
	Revenue Requirement:	
1	Operating & Maintenance Expense	\$27,845,205
2	Depreciation Expense	\$21,385,311
3	Expense Credits	(\$266,906)
4	Return on Rate Base - Debt	\$43,232,529
5	Return on Rate Base - Equity	\$18,803,048
6	Gain/Loss Disposal	\$1,995,532
7	Total Revenue Requirement	\$112,994,718
8	Net Hydraulic Production (MWh)	4,603,568
9	¢ per kWh	2.455

Newfoundland and Labrador Hydro
2015 Test Year Cost of Service
Island Interconnected Functional Summary - Hydraulic

Line	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
No	<u>Total Hydraulic Revenue Requirement</u>	Oper. & Maintenance	Fuels	Purchased Power	Depreciation	Expense Credits	Return on Rate Base		Gain/Loss Disposal	Total
1	Other Hydraulic	24,199,975			19,018,347	(240,619)	39,557,186	17,204,537	1,826,173	101,565,600
2	GNP Hydraulic	54,131			27,929	(538)	45,742	19,894	2,086	149,244
3	Transmission Lines - Hydraulic	1,806,156			1,504,591	(15,310)	2,425,764	1,055,033	111,959	6,888,193
4	Terminal Stations - Hydraulic	1,784,943			834,443	(10,439)	1,203,838	523,583	55,313	4,391,681
5	Hydraulic	27,845,205	0	0	21,385,311	(266,906)	43,232,529	18,803,048	1,995,532	112,994,718

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Production Other	Trans Lines	Terminal Stations	Trans Other	Dist Other	Subtotal	Production	Gas Tur & Dsl
	<u>Operating & Maintenance</u>	Direct O&M							
6	Other Hydraulic	12,084,994	1,786,192				13,871,185	4,126,855	
7	GNP Hydraulic	27,032	3,995				31,027	9,231	
8	Transmission Lines - Hydraulic			637,082	222,134		859,216		
9	Terminal Stations - Hydraulic				143,302		979,981		
10	Hydraulic	12,112,026	1,790,187	637,082	836,680	365,435	0	4,136,086	0

(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
					Expense-Related Overheads		Revenue-Related			
	Trans	Dist	Prod,Trns,Dis & Gen Plt	PTD Excl Hyd & Hol	Property Insurance	GTDC	GTD	Municipal Tax	PUB Assessmt	Total
11	Other Hydraulic		142,776		860,833	4,878,526	319,800			24,199,975
12	GNP Hydraulic		319		1,926	10,912	715			54,131
13	Transmission Lines - Hydraulic	526,247	8,923	87,409	2,364	302,188	19,809			1,806,156
14	Terminal Stations - Hydraulic	339,490	5,950	56,389	35,878	344,662	22,593			1,784,943
15	Hydraulic	865,737	0	157,969	143,797	901,000	5,536,287	362,919		27,845,205

(1)	(2)	(3)	(4)	(5)	(6)
	Direct Plt	Allocated Plant			Total
		General Plt	Feas Studies	Software Genl	
16	Other Hydraulic	17,402,572	1,319,742	0	296,033
17	GNP Hydraulic	24,559	2,952	0	418
18	Transmission Lines - Hydraulic	1,399,044	81,748	0	23,799
19	Terminal Stations - Hydraulic	728,807	93,238	0	12,398
20	Hydraulic	19,554,983	1,497,680	0	332,648

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Plant-Related	Exp-Related	Pole Attachments	Wheeling Revenues	Application Fees	Meter Test Fees	Total Expense Credits
21	Other Hydraulic	(218,678)	(3,987)				(222,665)
22	GNP Hydraulic	(489)	(9)				(498)
23	Transmission Lines - Hydraulic	(13,672)	(298)				(13,970)
24	Terminal Stations - Hydraulic	(8,820)	(294)				(9,114)
25	Hydraulic	(241,660)	(4,587)				(246,247)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Net	Cash Working	Fuel Inventory	Inventory/Supplies	Deferred Charges - HRD	Deferred Charges - Other	Rate Base Debt	Rate Base Equity	Debt Component	Equity Component	Total Return on Rate Base
	<u>Book Value</u>	<u>Capital</u>									
26	Other Hydraulic	751,823,221	3,258,828		10,124,236	35,886,009	801,092,294	801,092,294	39,557,186	17,204,537	56,761,723
27	GNP Hydraulic	858,965	3,723		22,646	41,000	926,335	926,335	45,742	19,894	65,636
28	Transmission Lines - Hydraulic	46,092,725	199,792		632,735	2,200,097	49,125,349	49,125,349	2,425,764	1,055,033	3,480,797
29	Terminal Stations - Hydraulic	22,771,933	98,706		421,934	1,086,949	24,379,522	24,379,522	1,203,838	523,583	1,727,421
30	Hydraulic	821,546,844	3,561,050	0	11,201,551	0	39,214,056	875,523,500	875,523,500	43,232,529	18,803,048

(1)	(2)	(3)
	Net	Gain/Loss on Disposal
	<u>Book Value</u>	
31	Other Hydraulic	751,823,221
32	GNP Hydraulic	858,965
33	Transmission Lines - Hydraulic	46,092,725
34	Terminal Stations - Hydraulic	22,771,933
35	Hydraulic	821,546,844