

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 2013 Test Year average
8 embedded cost of Hydro's hydraulic production on a ¢ per kWh basis of 2.663.
9 Supporting details are provided in NP-NLH-052 Attachment 1.

2013 Test Year Cost of Hydraulic Production		
Line No	Item	Amount
	Revenue Requirement:	
1	Operating & Maintenance Expense	\$27,250,071
2	Depreciation Expense	\$20,477,786
3	Expense Credits	(\$180,631)
4	Return on Rate Base - Debt	\$49,904,321
5	Return on Rate Base - Equity	\$22,643,605
6	Gain/Loss Disposal	\$649,126
7	Total Revenue Requirement	\$120,744,278
8	Net Hydraulic Production (MWh)	4,533,457
9	¢ per kWh	2.663

Newfoundland and Labrador Hydro
2013 Test Year Cost of Service
Island Interconnected Functional Summary - Hydraulic

NP-NH-052, Attachment 1
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Line No	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Oper. & Maintenance	Fuels	Purchased Power	Depreciation	Expense Credits	Return on Rate Base		Gain/Loss Disposal	Total
							Debt	Equity		
1	Other Hydraulic	23,558,364			18,084,563	(156,503)	45,631,232	20,704,732	593,632	108,416,020
2	GNP Hydraulic	45,808			15,942	(304)	38,279	17,369	490	117,584
3	Transmission Lines - Hydraulic	1,740,767			1,500,703	(11,486)	2,892,602	1,312,491	37,630	7,472,707
4	Terminal Stations - Hydraulic	1,905,131			876,578	(12,338)	1,342,207	609,014	17,374	4,737,966
5	Hydraulic	27,250,071	0	0	20,477,786	(180,631)	49,904,321	22,643,605	649,126	120,744,277

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
											Plant-Related Overheads					Expense-Related Overheads		Revenue-Related		
		Direct O&M	Production Other	Trans Lines	Terminal Stations	Trans Other	Dist Other	Subtotal	Production	Gas Tur & Dsl	Trans	Dist	Prod,Trms,Dis & Gen Plt	PTD Excl Hyd & Hol	Property Insurance	GTDC	GTD	Municipal Tax	PUB Assessmt	Total
6	Other Hydraulic	11,551,855	1,902,319					13,454,173	4,312,956				186,663		781,613	4,410,702	412,257			23,558,364
7	GNP Hydraulic	22,462	3,699					26,161	8,386				363		1,520	8,576	802			45,808
8	Transmission Lines - Hydraulic			624,119		219,955		844,074			481,881		11,847	97,902	2,485	276,714	25,864			1,740,767
9	Terminal Stations - Hydraulic				977,518	134,548		1,112,065			294,770		7,665	59,887	32,099	364,570	34,075			1,905,131
10	Hydraulic	11,574,317	1,906,018	624,119	977,518	354,502	0	15,436,474	4,321,342	0	776,651	0	206,538	157,789	817,716	5,060,562	472,998	0	0	27,250,071

	(1)	(2)	(3)	(4)	(5)	(6)
				Allocated Plant		
		Direct Plt	General Plt	Feas Studies	Software Genl	Total
11	Other Hydraulic	16,274,426	1,563,538	7,750	238,848	18,084,563
12	GNP Hydraulic	12,710	3,040	6	187	15,942
13	Transmission Lines - Hydraulic	1,381,675	98,092	658	20,278	1,500,703
14	Terminal Stations - Hydraulic	736,188	129,235	351	10,805	876,578
15	Hydraulic	18,404,999	1,793,906	8,765	270,117	20,477,786

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Plant-Related	Exp-Related	Pole Attachments	Wheeling Revenues	Application Fees	Meter Test Fees	Total Expense Credits
16	Other Hydraulic	(7,561)	(148,942)					(156,503)
17	GNP Hydraulic	(15)	(290)					(304)
18	Transmission Lines - Hydraulic	(480)	(11,006)					(11,486)
19	Terminal Stations - Hydraulic	(294)	(12,045)					(12,338)
20	Hydraulic	(8,350)	(172,281)	0	0	0	0	(180,631)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		Net	Cash Working Capital	Fuel Inventory	Inventory/Supplies	Deferred Charges - HRD	Deferred Charges - Other	Rate Base Debt	Rate Base Equity	Return on Rate Base		Total Return on Rate Base
		Book Value								Debt Component	Equity Component	
21	Other Hydraulic	763,993,764	2,875,414		10,108,054		35,270,750	812,247,983	812,247,983	45,631,232	20,704,732	66,335,964
22	GNP Hydraulic	630,255	2,372		19,655		29,097	681,378	681,378	38,279	17,369	55,648
23	Transmission Lines - Hydraulic	48,429,477	182,272		641,531		2,235,809	51,489,089	51,489,089	2,892,602	1,312,491	4,205,093
24	Terminal Stations - Hydraulic	22,360,140	84,156		415,061		1,032,284	23,891,641	23,891,641	1,342,207	609,014	1,951,221
25	Hydraulic	835,413,635	3,144,215	0	11,184,301	0	38,567,940	888,310,091	888,310,091	49,904,321	22,643,605	72,547,925

	(1)	(2)	(3)
		Net	Gain/Loss on Disposal
		Book Value	
26	Other Hydraulic	763,993,764	593,632
27	GNP Hydraulic	630,255	490
28	Transmission Lines - Hydraulic	48,429,477	37,630
29	Terminal Stations - Hydraulic	22,360,140	17,374
30	Hydraulic	835,413,635	649,126