

1 Q. Please update IC-NLH-36 from the 2006 GRA.

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4 A. IC-NLH-36 from the 2006 GRA reads:

5 *"Please provide the detailed calculations supporting the figures in Table 4 of Mr.*

6 *Mitchell's evidence including all billing determinants and rates. For RSP rates please*

7 *provide all calculations or pro-forma RSP reports in support of the rates."*

8

9 Please see IC-NLH-089, Attachment 1 (Revision 1).

Newfoundland and Labrador Hydro					
Comparison of Revenues and RSP at Existing and Proposed Rates					
Line No.	Existing Rates	Proposed Rates	\$ Change	% Change	Reference
Newfoundland Power					
1 Firm	\$415,402,365	\$525,340,174	\$ 109,937,809	26.5% []	
2 RSP	57,759,975	(32,641,791)	(90,401,766)	-156.5% []	
3 Total Firm NP	<u>\$473,162,340</u>	<u>\$492,698,383</u>	<u>19,536,043</u>	4.1%	Page 2 of 4, Line 8
Island Industrial					
4 Firm	\$30,546,755	\$42,517,934	\$ 11,971,179	39.2%	
5 Industrial Non-Firm	-	-	-		
6 Island Industrial Total	<u>\$30,546,755</u>	<u>\$42,517,934</u>	<u>11,971,179</u>	39.2%	Page 2 of 4, Line 17
Labrador Industrial					
7 Transmission	-	4,050,000	4,050,000	100.0%	
8 Generation Cost Recovery	2,270,848	1,387,390	(883,458)	-38.9%	
9 Labrador Industrial Total	<u>2,270,848</u>	<u>5,437,390</u>	<u>3,166,542</u>	139.4%	Page 4 of 4, Line 2 & Line 3
10 CFB Goose Bay	932,221	932,221	-	0.0%	Page 3 of 4, Line 29
11 Rural Island Interconnected	51,653,313	53,097,023	1,443,710	2.8%	NP Net Increase applied to Revenue at Existing Rates
12 Rural Isolated Systems	9,257,429	10,519,193	1,261,764	13.6%	NP Net Increase applied to Revenue at Existing Rates, plus deferred 2007 rate increase.
13 L'Anse au Loup	2,881,421	2,961,956	80,535	2.8%	NP Net Increase applied to Revenue at Existing Rates
Rural Labrador Interconnected					
14 Domestic	11,150,910	11,359,109	208,199	1.9%	Page 3 of 4, Line 8
15 GS 2.1L 0 - 10 kW	410,227	417,993	7,766	1.9%	Page 3 of 4, Line 16
16 GS 2.2L 10 - 100 kW	2,342,225	2,386,562	44,337	1.9%	Page 3 of 4, Line 20
17 GS 2.3L 110 - 1000 kVA	3,071,096	3,129,052	57,956	1.9%	Page 3 of 4, Line 24
18 GS 2.4L Over 1000 kVA	2,806,310	2,860,240	53,930	1.9%	Page 3 of 4, Line 28
19 Street & Area Lighting	312,471	367,187	54,716	17.5%	Various Rates per streetlight type
20 Rural Labrador Interconnected Total	<u>\$20,093,239</u>	<u>\$20,520,143</u>	<u>\$ 426,904</u>	2.1%	
21 All Rural Systems Total	<u>\$83,885,402</u>	<u>\$87,098,315</u>	<u>\$ 3,212,913</u>	3.8%	
22 Grand Total	<u>\$590,797,566</u>	<u>\$628,684,243</u>	<u>\$ 37,886,677</u>	6.4%	

Newfoundland and Labrador Hydro									
Calculation of Revenues and RSP at Existing and Proposed Rates									
Line No.		Existing				Proposed			
		Units	Rates		Revenues	Units	Rates		Revenues
Newfoundland Power:									
1	Demand:	15,138,840 kW	4.00 \$/kW/mo.		60,555,360	15,122,049 kW	5.50 \$/kW/mo.		83,171,270
2	Energy:								
	First Block	3,000,000 MWh	32.46 mills/kWh		97,380,000	3,000,000 MWh	34.11 mills/kWh		102,330,000
3	Second Block	2,924,100 MWh	88.05 mills/kWh		257,467,005	2,924,100 MWh	116.22 mills/kWh		339,838,904
					354,847,005				442,168,904
4	Demand and Energy				415,402,365				525,340,174
5	Current Plan	5,924,100 MWh	(5.51) mills/kWh		(32,641,791)	5,924,100 MWh	(5.51) mills/kWh		(32,641,791)
6	Fuel Rider	5,924,100 MWh	15.26 mills/kWh		90,401,766	5,924,100 MWh	mills/kWh		-
7	RSP and Fuel Rider				57,759,975				(32,641,791)
8	Total (Includes RSP)				473,162,340				492,698,383
Island Industrial - Firm:									
9	Demand:	1,064,800 kW	6.68 \$/kW/mo.		7,112,864	kW	8.38 \$/kW/mo.		8,923,024
10	Energy:	621,400 MWh	36.76 mills/kWh		22,842,664	MWh	51.51 mills/kWh		32,008,314
	Specifically Assigned:								
11		VALE			-				499,522
12		CBPP			347,167				891,045
13		NARL			150,976				91,729
14		Teck Resources ¹			93,085				104,300
15					591,228				1,586,596
16	Subtotal				30,546,756				42,517,934
¹ Reflects Specifically Assigned charges for Teck Resources in operation for 6 months.									

Newfoundland and Labrador Hydro
Calculation of Revenues at Existing and Proposed Rates

Line No.		Existing Revenue	Proposed Revenue				
	Domestic						
1	Number of Bills	117,624	117,624				
2	Basic Charge per month	7.15	7.29				
3		841,012	857,479				
4	Energy (kWh)	317,190,000	317,190,000				
5	Energy Rate cents/kWh)	3.28	3.341				
6		10,403,832	10,597,318				
7	Discount	(93,934)	(95,688)				
8	Net Revenue	11,150,910	11,359,109				
	GS 2.1 0 - 10 kW						
9	Number of Bills	6,180	6,180				
10	Basic Charge per month	10.45	10.65				
11		64,581	65,817				
12	Energy (kWh)	6,663,000	6,663,000				
13	Energy Rate cents/kWh)	5.24	5.339				
14		349,141	355,738				
15	Discount	(3,495)	(3,562)				
16	Net Revenue	410,227	417,993				
	GS 2.2 10 - 100 kW	Quantity	Existing Rate	Revenue	Proposed Rate	Revenue	
17	Energy	74,175,853 kWh	2.433 cents/kWh	1,804,699	2.48 cents/kWh	1,839,561	
18	Demand	246,126 kW	2.20 \$/kW	541,477	2.24 \$/kW	551,322	
19	Other			(3,951)		(4,321)	
20	Total			2,342,225		2,386,562	
	GS 2.3 110 - 1000 kVA						
21	Energy	114,626,088 kWh	2.103 cents/kWh	2,410,587	2.142 cents/kWh	2,455,291	
22	Demand	342,935 kW	2.00 \$/kW	685,870	2.04 \$/kW	699,587	
23	Other			(25,360)		(25,826)	
24	Total			3,071,096		3,129,052	
	GS 2.4 Over 1000 kVA						
25	Energy	141,252,000 kWh	1.733 cents/kWh	2,447,897	1.763 cents/kWh	2,490,273	
26	Demand	295,333 kW	1.75 \$/kW	516,833	1.79 \$/kW	528,646	
27	Other			(158,420)		(158,679)	
28	Total			2,806,310		2,860,240	
29	Street and Area Lighting			312,471		367,187	
30	Rural Labrador Interconnected Total			20,093,239		20,520,143	
	CFB Goose Bay Secondary Revenue						
31	Energy	10,200,000 kWh	variable cents/kWh	932,221	variable cents/kWh	932,221	

**Newfoundland and Labrador Hydro
Labrador Industrial Revenues at Proposed Rates**

**Line
No.**

Labrador Industrial Transmission Revenue

1	Units	Rates	Revenues
2	3,240,000 kW	1.25 \$/kW/mo.	\$ 4,050,000

Labrador Industrial Generation Cost Recovery

3	\$ 1,387,390	*Exhibit 13, Schedule 3.2E, Page 3 of 4, Line 62 Col 3
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