

1 Q. Please provide a version of the Exhibit 13 cost of service study that separates the
2 industrial class into 2 groups – one for operating companies, and one for companies
3 that are in pre-production or commissioning/ramp-up stages (Vale and Praxair).

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6 A. Please see IC-NLH-152 Attachment 1 for the requested analysis. This analysis did
7 not require a complete Cost of Service Study which would have required substantial
8 time to reprogram the Cost of Service model.

NEWFOUNDLAND AND LABRADOR HYDRO
2013 Test Year Cost of Service
Island Interconnected

Line No.	Description	1	2	3	4	5
		Production Demand (\$)	Transmission Energy (\$)	Transmission Demand (\$)	Production and Transmission Reference	
Revenue Requirement to be Allocated						
1	Subtotal Revenue Requirement Ex. Return	79,359,215	264,507,910	14,495,483	Exhibit 13, Schedule 2.1A, Line 20	
2	Return on Debt	27,511,224	31,358,934	8,891,233	Exhibit 13, Schedule 2.1A, Line 21	
3	Return on Equity	10,826,561	12,340,760	3,498,989	Exhibit 13, Schedule 2.1A, Line 22	
4	Total Revenue Requirement	117,697,000	308,207,603	26,885,705	Exhibit 13, Schedule 2.1A, Line 23	
Basis of Allocation to Classes of Service						
5	Industrial - Operating Companies	54,437	383,033	52,800	Page 2, Line 8	
6	Industrial - Pre-Production Companies	16,636	39,981	16,136	Page 2, Line 9	
7	Total System	1,341,001	6,680,800	1,335,583	Exhibit 13, Schedule 3.1A, Line 13	
Ratios Excluding Return on Equity						
8	Industrial - Operating Companies	0.0406	0.0573	0.0395	Line 5 / Line 7	
9	Industrial - Pre-Production Companies	0.0124	0.0060	0.0121	Line 6 / Line 7	
Allocated Rev Requirement Excluding Return						
10	Industrial - Operating Companies	3,221,532	15,165,139	573,054	Line 1 x Line 8	
11	Industrial - Pre-Production Companies	984,503	1,582,938	175,129	Line 1 x Line 9	
Allocated Return on Debt						
12	Industrial - Operating Companies	1,116,799	1,797,914	351,500	Line 2 x Line 8	
13	Industrial - Pre-Production Companies	341,295	187,666	107,420	Line 2 x Line 9	
Allocated Return on Equity						
14	Industrial - Operating Companies	439,497	707,538	138,327	Line 3 x Line 8	
15	Industrial - Pre-Production Companies	134,311	73,853	42,273	Line 3 x Line 9	
Total Revenue Requirement (Excluding Specifically Assigned Charges)						
16	Industrial - Operating Companies	4,777,828	17,670,591	1,062,881	Lines 10, 12 and 14	
17	Industrial - Pre-Production Companies	1,460,109	1,844,457	324,823	Lines 11, 13 and 15	
18	Total	6,237,936	19,515,048	1,387,703		

NEWFOUNDLAND AND LABRADOR HYDRO
2013 Test Year Cost of Service
Unit Demand, Energy & Customer Amounts

Line No.	Description	1	2	3	4
		Demand Page 1, Col 2 and 4	Energy Page 1, Col 3	Reference	
Total Allocated Costs					
1	Industrial - Operating Companies	5,840,708	17,670,591	Page 1, Line 16	
2	Industrial - Pre-Production Companies	1,784,931	1,844,457	Page 1, Line 17	
Billing Units		kW	Sales MWh		
3	Industrial - Operating Companies	720,000	369,800	Detailed Analysis	
4	Industrial - Pre-Production Companies	115,400	38,600	Detailed Analysis	
5	Total	835,400	408,400	Exhibit 13, Schedule 1.3.2, Page 1 of 3, Line 2	
Rates		\$/kW/mo.	mills/kWh		
6	Industrial - Operating Companies	8.11	47.78	Line 1 / Line 3	
7	Industrial - Pre-Production Companies	15.47	47.78	Line 2 / Line 4	

1	2	3	4	5
Production and				
	Production Demand	Transmission Energy	Transmission Demand	Reference
Supporting Calculations				
Basis of Allocation to Classes of Service	(1 CP kW)	(MWh @ Gen)	(CP kW)	
8 Industrial - Operating Companies	54,437	383,033	52,800	Detailed Analysis
9 Industrial - Pre-Production Companies	16,636	39,981	16,136	Detailed Analysis
10 Total	71,073	423,014	68,936	Exhibit 13, Schedule 3.1A, Line 2