

New Brunswick | Newfoundland and Labrador | Nova Scotia | Prince Edward Island

April 15, 2015

VIA COURIER and ELECTRONIC MAIL

Ms. G. Cheryl Blundon, Board Secretary Board of Commissioners of Public Utilities 120 Torbay Road P.O. Box 21040 St. John's, NL A1A 5B2

Dear Ms. Blundon:

RE: 2013 Amended General Rate Application of Newfoundland and Labrador Hydro

Enclosed are the original and twelve (12) copies of Vale's further RFIs in respect of the above-noted Application.

We have provided a copy of this correspondence together with enclosures to all concerned parties.

We trust you will find the enclosed satisfactory.

Yours faithfully,

Thomas J. O'Reilly, Q.C.

TJOR/js Encl.

c.c.

Geoffrey P. Young, Newfoundland & Labrador Hydro Gerard Hayes, Newfoundland Power Thomas J. Johnson, O'Dea, Earle Paul Coxworthy, Stewart McKelvey Dennis Browne, Q.C., Browne Fitzgerald Morgan & Avis Nancy Kleer, Olthuis, Leer, Townshend LLP Yvonne Jones, MP Labrador Genevieve M. Dawson, Benson Buffett IN THE MATTER OF the Public Utilities Act, R.S.N.L. 1990, Chapter P-47 (the "Act"), and

IN THE MATTER OF a General Rate Application (the Amended Application) by Newfoundland and Labrador Hydro for approvals of, under Sections 70 and 75 of the Act, changes in the rates to be charged for the supply of power and energy to Newfoundland Power, Rural Customers and Industrial Customers; and under Section 71 of the Act, changes in the Rules and Regulations applicable to the supply of electricity to Rural Customers.

REQUESTS FOR INFORMATION OF VALE NEWFOUNDLAND & LABRADOR LIMITED

2 V-NLH-112 to V-NLH-124

Issued April 15, 2015

4 V-NLH-112 Reference: RFI V-NLH-110 Specific Assigned Charge

In tabular and in Microsoft Excel formats, please supply the original costs for the following island interconnected functions or sub-functions: subtotal hydraulic, Holyrood, subtotal production, subtotal terminal stations, subtotal transmission, subtotal distribution and total plant. The time frame is to span from the year with the earliest asset in service date to 2015. For clarity, in the current application, the requested information is found in column 2, lines 8, 9, 13, 21, 22, 33 and 40 in schedule 2.2A of the COS. A table similar to the one below is requested.

Year	Subtotal	Holyrood	Subtotal Production	Subtotal Term Stns	Subtotal Transmission	Subtotal Distrib.	Total Plant
1067	Hydraulic		Production	Term Suis	1141151111551011	DISTITIO.	Flatit
1967							
1968							
2015							

13 V-NLH-113 Reference: RFI V-NLH-110 Specific Assigned Charge

In tabular and in Microsoft Excel format, please supply the original costs for the island interconnected specifically assigned charge for subtotal terminal stations, subtotal transmission and total plant (COS lines 21,

1 2 3

22 & 40, column 18 of the current application). The time frame is to span from the year with the earliest asset in service date to 2015. A table similar to the one below is requested.

Year	Subtotal Terminal Stations	Subtotal Transmission	Total Plant
1967			
1968	-		
2015			

4 V-NLH-114 Reference: RFI V-NLH-110 Specific Assigned Charge

 In tabular and in Microsoft Excel format, please supply the annual original costs specifically allocated to <u>each</u> customer. These costs are to be broken down by subtotal terminal stations, subtotal transmission and total plant. The time frame is to span from the year with the earliest asset in service date to 2015. A table similar to the one below is requested for each customer with specifically assigned charges.

Table __: Breakdown of Specific Allocated Charges for 'Customer A'

Year	Subtotal Terminal Stations	Subtotal Transmission	Total Plant
1967			
1968			
2015			

12 V-NLH-115 Reference: RFI V-NLH-110 Specific Assigned Charge

Please provide the "Functional Classification of Plant in Service for the Allocation of O&M Expenses" (i.e. similar to Exhibit 13, schedule 2.2A in the current Application) and the "Allocation of Specifically Assigned Amounts to Classes of Services" (i.e. similar to Exhibit 13, schedule 3.2A in the current Application) for all available historic costs of service starting at the earliest year with assets in service. If the historic cost of service is not available, then provide any forecast cost of service. Please provide the schedules in paper and Microsoft Excel format.

V-NLH-116 Reference: RFI V-NLH-089 Transformer Maintenance during 2014

The response shows a five-fold increase in annual transformer maintenance in 2014 when compared to the previous four years. Please provide the total overtime labour cost included in the 2014 cost of \$805,907.

1	V-NLH-117	Reference: RFI V-NLH-089 Circuit Breaker Maintenance during 2014
2 3 4 5		The response shows a nine-fold increase in annual transformer maintenance in 2014 when compared to the previous four years. Please provide the total overtime labour cost included in the 2014 cost of \$621,924.
6 7	V-NLH-118	Reference: RFI V-NLH-099 and RFI NP-NLH-280 Classification of Wind Generation
8 9		Please provide the annual capacity factor for each of the jurisdictions listed in the response to NP-NLH-280.
10	V-NLH-119	Reference: RFI V-NLH-104 Fuel Conversion Factor
11 12 13 14 15		Lines 12 to 13 of the response states that "Energy production requirements are expected to be lower in 2017 when compared to 2016 because the hydraulic generation output is forecast to be higher". Please quantify the expected hydraulic generation in 2016 and 2017 and fully explain the reason for the higher generation.
16	V-NLH-120	Reference: RFI V-NLH-104 Fuel Conversion Factor
17 18 19 20 21 22 23 24		Lines 15 to 17 of the response to NV-NLH-104 states that "The number of unit operating hours is expected to be higher in 2017 when compared to 2016 due to a requirement to operate a Holyrood unit throughout the summer of 2017 for Avalon transmission support". Please provide the time frame and the level of transmission support that will be required in the summer of 2017. Also, please confirm that a Holyrood unit will not be operated in the summer of 2017 in order to satisfy energy requirements.
25	V-NLH-121	Reference: RFI NP-NLH-318 Loss on Disposal Costs
26 27 28 29 30 31		Lines 15 to 16 in the response to NP-NLH-318 states that "Any capital projects that replace, upgrade or overhaul existing assets will result in the retirement of existing assets". In the case of a partial upgrade, does Hydro still consider the total NBV to be a loss? Examples of partial upgrade would be the turbine replacement on a unit at Bay D'Espoir or a rewind to a generator at Hardwoods.
32	V-NLH-122	Reference: RFI CA-NLH-326 Capital Expenditures
33 34 35 36		The response to CA-NLH-326 (lines 6 to 7) states that Hydro had 2014 capital expenditures of \$204.7 million whereas the budget was \$268.0 million. Does the rate base in the 2014 COS reflect the actual capital expenditures \$204.7 million? If not, please fully explain the reason the

1 rate base in the 2014 COS does not reflect the actual capital 2 expenditures and calculate what the difference in total revenue 3 requirement would be if the actual capital expenditure of \$204.7 million 4 was included in the 2014 COS instead of the budgeted capital 5 expenditure of \$268.0 million. 6 V-NLH-123 Reference: RFI CA-NLH-326 Capital Expenditures 7 The response to CA-NLH-326 (lines 22 to 23) states that Hydro is 8 forecasting 2015 capital expenditures of \$119.6 million whereas the 9 budget is for \$282.1 million. Does the rate base in the 2015 COS reflect 10 the actual capital expenditures \$119.6 million? If not, please fully 11 explain the reason the rate base in the 2015 COS does not reflect the 12 actual capital expenditures and calculate what the difference in total 13 revenue requirement would be if the actual capital expenditure of 14 \$119.6 million was included in the 2015 COS instead of the budgeted 15 capital expenditure of \$282.1 million. 16 V-NLH-124 Reference: RFI PUB-NLH-379 Corporate Hours Allocated to Hydro 17 Further to CA-PUB-379, please provide the dollar value of the extra 18 hours charged to Hydro as a result of work by the President and Chief 19 Executive Officer, Vice-President Finance, and Vice-President Corporate 20 Communications in relation to the power outages of January 2014 and 21 the follow-up activity that was undertaken in relation to the outages.

<u>DATED</u> at St. John's, in the Province of Newfoundland and Labrador, this of April, 2015.

dav

COX & PALMER

Per:

Thomas J. O'Reilly, Q.C.

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