

1 Q. **Reference: Regulated Activities**

2 Please extend Regulated Activities Schedules I, II, III, IV, V, VI, VII, VIII to include
3 2014 and 2015 forecasts.

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6 A. Please see NP-NLH-011 Attachment 1, which contains the Regulated Activities
7 Schedules I, II, III, IV, V, VI, VII, VIII - extended to include the 2014 and 2015
8 forecasts.

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Newfoundland and Labrador Hydro Forecast Operating Expenses by Functional Area 2014 and 2015 (\$000s)		Regulated Activities Schedule I - Extension Page 1 of 1	
		Forecast	
		2014	2015
<u>Operations</u>			
Thermal Generation		22,844	23,489
Deferred Major Extraordinary Repairs		240	240
Hydro Generation		11,757	12,094
Generation		34,841	35,823
System Operations		2,809	2,893
Deferred Regulatory Costs		-	-
System Operations		2,809	2,893
Transmission & Rural Operations		45,993	47,296
Total Operations		83,643	86,012
<u>Corporate Services</u>			
Leadership & Associates		1,717	1,767
Human Resources & Organizational Effectiveness		8,163	8,392
Finance		13,645	14,098
Deferred Regulatory Costs		333	333
Allocation to non-regulated customer		(2,215)	(2,271)
Project Execution and Technical Services		4,803	4,940
Deferred Regulatory Costs		-	-
Corporate Relations		6,667	6,852
Total Corporate Services		33,113	34,111
Asset Writedown		-	-
Operating Expenses		116,756	120,123

**Newfoundland and Labrador Hydro
Forecast Electricity Requirements for 2014 and 2015
Island Interconnected System**

**Regulated Activities
Schedule II - Extension
Page 1 of 1**

	2014 Forecast		2015 Forecast	
	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>
Newfoundland Power	1,263.3	5,740.2	1,280.7	5,792.5
Hydro Rural Interconnected	95.4	454.7	95.2	453.6
Corner Brook Pulp and Paper	18.0	70.6	16.0	70.6
Abitibi Con. - Grand Falls	-	-		
Abitibi Con. - Stephenville	-	-		
North Atlantic Refining	31.0	254.7	31.0	238.2
Teck Resources	7.0	44.9	7.0	11.1
Vale	40.0	211.5	64.0	417.1
Praxair - Long Harbour	6.0	18.1	6.0	35.5
Total Deliveries	1,410.0	6,794.7	1,453.7	7,018.6
Transmission Losses	43.7	243.1	45.1	238.0
Hydro Island Requirement	1,453.7	7,037.8	1,498.8	7,256.6

Notes:

1. Required NLH Net Generation MW's are NLH system coincident MW's and include customer firm demand requirements only.
2. Demands for Total Deliveries and Transmission Losses are coincident with system peak.
3. The 2014 and 2015 Forecasts are sourced to the June 21, 2013 Island Interconnected Operating Load Forecast.

**Newfoundland and Labrador Hydro
Forecast Electricity Requirements for 2014 and 2015
Labrador Interconnected System**

**Regulated Activities
Schedule III - Extension
Page 1 of 1**

	2014 Forecast		2015 Forecast	
	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>
Hydro Rural Interconnected				
Happy Valley - Goose Bay	76.5	318.3	78.4	321.1
Churchill Falls	0.3	1.5	0.3	1.5
Wabush	20.5	88.7	21.4	90.2
Labrador City	54.8	236.3	55.4	238.4
Total	152.1	644.8	155.5	651.2
Department of National Defence	-	9.7	-	9.7
Iron Ore Company of Canada	97.0	334.0	97.0	334.0
Wabush Mines	1.4	0.1	1.4	0.1
Total Deliveries	230.5	988.6	233.5	995.0
Transmission Losses	29.0	105.6	29.4	106.3
Hydro Labrador Requirement	259.5	1,094.2	262.9	1,101.3

Notes:

1. Demands for Total Deliveries and Transmission Losses are coincident with system peak.
2. Sales to the Department of National Defence and Wabush Mines are secondary sales.
3. Sales to Iron Ore Company of Canada include both firm and non-firm sales. The forecast assumes 62 MW firm power requirement.
4. The 2014 and 2015 Forecasts are sourced to the June 21, 2013 Labrador Operating Load Forecast.

Newfoundland and Labrador Hydro
Forecast Electricity Requirements for 2014 and 2015
Isolated Systems

Regulated Activities
Schedule IV - Extension
Page 1 of 1

	2014 Forecast		2015 Forecast	
	<u>kW</u>	<u>MWh</u>	<u>kW</u>	<u>MWh</u>
Labrador Isolated				
Davis Inlet	-	-	-	-
L'Anse au Loup	5,598	24,661	5,669	24,953
Others	10,310	44,316	10,448	44,911
Total (excluding Davis Inlet)	15,908	68,977	16,117	69,864
Island Isolated	2,274	7,679	2,263	7,645
Total Isolated		<u>76,656</u>		<u>77,509</u>

Notes:

1. Peaks are non-coincident net annual maximums.
2. Net production excludes station services.
3. Operations ceased at Davis Inlet in early 2006, when the community moved to Natuashish.
4. Natuashish is operated by Hydro for the Mushuau Innu First Nation (MIFN) with full cost recovery.
5. The 2014 and 2015 forecast is sourced to the Spring 2013 Rural Operating Load Forecast.

**Newfoundland and Labrador Hydro
Forecast Energy Supply and Fuel Expense for 2014 and 2015
Island Interconnected System**

**Regulated Activities
Schedule V - Extension
Page 1 of 1**

	2014 Forecast	2015 Forecast
Total Energy Requirement (GWh)	7,037.8	7,256.6
Hydraulic Production (GWh)	4,581.1	4,595.9
Energy Receipts and Purchases (GWh)	1,025.0	1,027.7
Gas Turbine/Diesels Production (GWh)	2.8	4.0
Holyrood Production (GWh)	1,428.9	1,629.1
Holyrood No. 6 Fuel Conversion Factor (kWh/bbl)	615	619
Holyrood No. 6 Fuel Consumption (bbl)	2,323,436	2,631,843
Average No. 6 Fuel Purchase Price (\$/bbl)	\$100.20	\$94.40
No. 6 Fuel Production Cost (\$000)	\$236,060	\$250,243
Gas Turbine/Diesel Production Cost (\$000)	\$770	\$1,138

Notes:

**Newfoundland and Labrador Hydro
Forecast Energy Purchases by Suppliers for 2014 and 2015
Island Interconnected System**

**Regulated Activities
Schedule VI - Extension
Page 1 of 1**

Supplier	2014 Forecast		2015 Forecast	
	<u>GWh</u>	<u>000's</u>	<u>GWh</u>	<u>000's</u>
NP at Hydro Request	-	\$ -	-	\$ -
CBPP Secondary	-	\$ -	-	\$ -
ACI-GF Secondary ⁽¹⁾	-	\$ -	-	\$ -
Star Lake ⁽³⁾	141.69	\$ 5,668	141.79	\$ 5,672
Rattle Brook	15.00	\$ 1,253	15.00	\$ 1,271
Corner Brook Cogen	50.50	\$ 7,135	50.50	\$ 6,868
Exploits River Project	-	\$ -	-	\$ -
St. Lawrence Wind	104.80	\$ 7,514	104.80	\$ 7,546
St. Lawrence Wind Ecoenergy Incentive Credit ⁽²⁾		\$ (621)		\$ (621)
Fermeuse Wind	84.41	\$ 6,432	84.41	\$ 6,457
Fermeuse Wind Ecoenergy Incentive Credit ⁽²⁾		\$ (587)		\$ (621)
Nalcor Grand Falls, Bishops Falls and Buchans ⁽³⁾	628.63	\$ 25,145	631.15	\$ 25,246
Total Power Purchases	<u>1,025.03</u>	<u>\$ 51,940</u>	<u>1,027.65</u>	<u>\$ 51,818</u>

Notes:

1. ACI-GF secondary ceased on February 12, 2009
2. Ecoenergy Incentive Credits are paid to Hydro quarterly at \$0.0075/kwh on the eligible production (up to a maximum of 82.78 GWh annually)
3. Energy purchased from Nalcor generation at Grand Falls, Bishop's Falls, Buchans and Star Lake in 2014 and 2015 assumed at \$0.04/kWh.

Newfoundland and Labrador Hydro
Monthly No. 6 Fuel Purchase Prices for 2014 and 2015
(\$/bbl)

Regulated Activities
Schedule VII - Extension
Page 1 of 1

	2014 Forecast ⁽¹⁾	2015 Forecast ⁽²⁾
January	\$103.00	\$94.40
February	\$102.80	\$94.40
March	\$101.90	\$94.40
April	\$99.30	\$94.40
May	\$97.40	\$94.40
June	\$98.70	\$94.40
July	\$99.30	\$94.40
August	\$100.60	\$94.40
September	\$101.10	\$94.40
October	\$100.80	\$94.40
November	\$98.40	\$94.40
December	\$94.80	\$94.40
Weighted Purchase Price	\$100.20	\$94.40

Notes:

1. 2014 Pricing is as per the PIRA Energy Group, World Oil Market Forecast, July 26, 2013
2. 2015 Pricing is as per the PIRA Energy Group, World Oil Market Forecast, March 26, 2013

Newfoundland and Labrador Hydro
Forecast Isolated Fuel and Purchased Power Costs for 2014 and 2015
(000's)

Regulated Activities
Schedule VIII - Extension
Page 1 of 1

	2014 Forecast	2015 Forecast
Diesel Fuel		
Davis Inlet		
Other Hydro Diesel	\$ 18,486	\$ 18,290
Total (excluding Davis Inlet)	\$ 18,486	\$ 18,290
Purchased Power		
L'Anse au Loup	\$ 3,170	\$ 3,194
Ramea	\$ 212	\$ 210
Mary's Harbour	\$ -	\$ -
Total	\$ 3,381	\$ 3,404
Total	\$ 21,867	\$ 21,695

Notes:

1. L'Anse Au Loup fuel purchases include deferred fuel savings.
2. 2014 and 2015 Forecast sourced to August 2013 Isolated Fuel and Power Purchase budget forecast.