

1 Q. **Re: NLH Evidence, Section 2, Schedules**

2 Please provide schedules similar to Schedules 5 and 6 for the Labrador
3 Interconnected System, for the Isolated Systems and for the L'Anse au Loup System.

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6 A. Please see the tables below that provide Energy Supply and Fuel Expense Schedules
7 for the Labrador Interconnected and L'Anse au Loup Systems and an Energy Supply
8 and Fuel Expense and an Energy Purchases Schedule for the isolated systems. The
9 Energy Purchases Schedule information for the Labrador Interconnected System is
10 included in the Energy Supply and Fuel Expense Schedule. The Energy Purchases
11 Schedule information for the L'Anse au Loup System is included in the Energy
12 Supply and Fuel Expense Schedule and Regulated Activities Schedule VIII.

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14 It should be noted that the Energy Supply and Fuel Expense Schedule and the
15 Energy Purchases Schedule for the isolated systems includes 202 MWh of power
16 purchase energy in 2011 that, in error, was not included in Regulated Activities
17 Schedule IV. This energy was produced by Nalcor's Wind-Hydrogen facility in
18 Ramea. The energy deliveries from Nalcor's Wind-Hydrogen facility in Ramea prior
19 to 2012 were billed in the year 2012.

**Newfoundland and Labrador Hydro
Energy Supply and Fuel Expenses for 2007 to 2013
Labrador Interconnected System**

	2007 Test Year	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Actual	2013 Test Year
Total Energy Requirement (GWh)	1,011.0	889.9	988.6	750.3	910.7	780.3	819.1	957.0
Energy Purchases (GWh)	1,010.3	892.8	991.1	752.2	912.7	783.0	819.8	956.2
Gas Turbine/Diesel Production (GWh)	0.7	(2.9)	(2.4)	(1.9)	(1.9)	(2.9)	(0.7)	0.8
Gas Turbine Consumption (Itrs) ⁽¹⁾	201,024	107,916	116,822	356,049	199,115	136,098	496,053	201,024
Diesel Consumption (Itrs) ⁽¹⁾	34,313	2,548	12,951	6,653	9,680	9,566	45,766	68,681
Average Gas Turbine Purchase Price (\$/litr)	\$0.66	\$0.73	\$0.96	\$0.59	\$0.72	\$0.92	\$0.96	\$0.99
Average Diesel Purchase Price (\$/litr) ⁽²⁾	\$0.71				\$0.91		\$1.11	\$1.12
Energy Purchase Costs (\$000) ⁽³⁾	\$2,497	\$2,236	\$2,434	\$2,019	\$2,237	\$1,914	\$2,024	\$2,363
Wabush T.S. 3rd and 4th Expansion Costs (\$000)	\$555	\$761	\$265	\$352	\$491	\$581	\$400	\$295
Gas Turbine/Diesel Production Cost (\$000)	\$209	\$74	\$106	\$166	\$138	\$114	\$283	\$401

- Notes:
1. Some years may include amounts that were recharged out to capital projects.
 2. No purchases of fuel in years indicated with a blank.
 3. Cost of recall energy and demand purchases from CF(L)Co.

Newfoundland and Labrador Hydro
L'Anse au Loup Energy Supply and Fuel Expenses for 2007-2013

	2007 Test Year	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Actual	2013 Test Year
Net Energy Requirement (MWh)	16,884	17,556	18,495	20,363	20,912	23,292	22,049	24,767
Power Purchases (MWh)	16,736	16,947	16,699	19,412	20,840	22,266	21,474	23,642
Net Diesel Production (MWh)	148	609	1,796	951	72	1,026	575	1,125
Diesel Fuel Consumption (Litres)	207,687	365,128	731,868	469,885	175,705	469,870	330,205	475,100
Average Fuel Purchase Price (\$/litre)	0.77	0.79	0.97	0.78	0.88	1.05	1.08	1.12
Diesel Fuel Production Cost (\$000)	161	290	709	367	154	495	358	534

Notes:

1. Net energy requirement and net diesel production excludes station service.
2. Diesel fuel consumption and production costs are provided on a gross basis.

Newfoundland and Labrador Hydro
Isolated Energy Supply and Fuel Expenses for 2007-2013

	2007 Test Year	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Actual	2013 Test Year
Net Energy Requirement (MWh)	44,277	43,384	45,128	46,578	44,824	46,832	45,828	49,865
Power Purchases (MWh)	883	517	408	469	491	655	792	818
Net Diesel Production (MWh)	43,394	42,866	44,719	46,110	44,333	46,177	45,036	49,047
Diesel Fuel Consumption (Litres)	13,837,845	13,968,784	14,908,028	15,108,319	14,164,345	15,105,759	14,609,880	15,349,600
Average Fuel Purchase Price (\$/litre)	0.74	0.72	0.95	0.80	0.86	1.00	1.06	1.12
Diesel Fuel Production Cost (\$000)	10,231	10,050	14,228	12,155	12,112	15,147	15,433	17,256

Notes:

1. Net energy requirement and net diesel production excludes station service.
2. Diesel fuel consumption and production costs are provided on a gross basis.
3. Isolated includes Labrador and Island systems but does not include Davis Inlet/Natuashish.
4. Net energy requirements and power purchases for 2011 includes 202 MWh of energy not included in Regulated Activities Schedule IV.

Newfoundland and Labrador Hydro
Energy Purchases by Supplier for 2007 to 2013
Isolated Systems

Supplier	2007 Test Year		2007 Actual		2008 Actual		2009 Actual		2010 Actual		2011 Actual		2012 Actual		2013 Test Year	
	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>	<u>MWh</u>	<u>\$000</u>
Mary's Harbour Hydro	325	44	254	18	-	-	-	-	-	-	-	-	-	-	-	-
Frontier Energy	558	121	263	60	408	101	469	94	491	114	393	108	561	162	519	155
Nalcor Wind-Hydrogen	-	-	-	-	-	-	-	-	-	-	262		231	134	299	90
Total Power Purchases	883	165	517	78	408	101	469	94	491	114	655	108	792	296	818	245

Notes:

1. Nalcor Wind-Hydrogen power purchases for 2011 includes 202 MWh of energy not included in Regulated Activities Schedule IV.
2. Nalcor Wind-Hydrogen power purchase of 262 MWh for 2011 was billed in 2012.