

1 Q. Evidence on Customer Rates, Revision 2 – November 14, 2018, Schedule 1, Page 3
2 of 81, Lines 26-27.

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4 On Page 3 of 81, at Lines 26-27 it states:

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6 *“On October 2, 2018, the Board directed that Hydro file, by October 26, 2018, an*
7 *update reflecting both the revised forecast of off-island purchases and the updated*
8 *fuel price forecast...”*

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10 Please provide an update to Schedule 3-V and Schedule 3-VI of the 2017 General
11 Rate Application Evidence, as filed on July 28, 2017, reflecting both the revised
12 forecast of off-island purchases and the updated fuel price forecast. In the updated
13 Schedule 3-VI, please provide a breakdown of the Off-Island Purchases as broken
14 down in *Table 1: Expected Supply from Off-Island Purchases (GWh)* on Page 7 of 81
15 of Evidence on Customer Rates, Revision 2, November 14, 2018.

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18 A. Please see NP-NLH-338, Attachment 1 for an update to the 2018 and 2019 Test Year
19 information provided in Schedule 3-V and 3-VI of the the 2017 General Rate
20 Application Evidence reflecting information as filed in Hydro’s Evidence on
21 Customer Rates, Revision 2, November 14, 2018.

Newfoundland and Labrador Hydro Energy Supply and Fuel Expense for 2015 to 2019
Island Interconnected System

	2015 Test Year ¹	2015 Actual	2016 Actual	2017 Forecast	Revised Forecast filed October 26, 2018 ²	
					2018 Test Year	2019 Test Year
Total Energy Requirement (GWh)	7,235 .1	7,285 .8	7,039 .3	7,177.8	7,222.5	7235.3
Hydraulic Production (GWh)	4,603.6	4,823.4	4,380.4	4,601.5	4,601.0	4,600.5
Energy Receipts and Purchases (GWh) ³	1031.0	962.5	917.1	997.9	1,031.0	1,027.8
Recapture Energy	-	-	-	-	69.1	667.2
Other Off-Island Purchases	-	-	-	-	83.0	48.7
Gas Turbine/Diesels Production (GWh) ⁴	11.4	41.4	120.9	57.0	11.4	22.3
Holyrood Production (GWh)	1,593.0	1,458.5	1,620.9	1,521.5	1,427.1	869.0
Holyrood No. 6 Fuel Conversion Factor (kWh/bbl)	618	602	608	603	618	583
Holyrood No. 6 Fuel Consumption (bbl)	2,577,657	2,423,337	2,664,019	2,522,893	2,309,288	1,490,487
No. 6 Fuel Production Cost (\$000)	166,026	162,872	123,601	186,476	147,684	137,870
Gas Turbine/Diesel Production Cost (\$000)	3,561	14,995	29,210	13,094	3,474	7,161

Notes:

1. 2015 Test Year forecast values reflect Hydro's Compliance filing to Order No. P.U. 49(2016).
2. Values provided are consistent with the methodology detailed in Schedule I of Hydro's Evidence on Customer Rates, filed October 26, 2018.
3. Energy receipts and purchases in 2015 and 2016 reflect lower than anticipated production at Nalcor Energy Exploits facilities.
4. Standby generation operation in 2015 and 2016 include operation to support system operations and maintenance requirements.

Newfoundland and Labrador Hydro Energy Purchases by Suppliers for 2015 to 2019
Island Interconnected System

Supplier	2015 Test Year		2015 Actuals		2016 Actuals		2017 Forecast		Revised Forecast filed October 26, 2018 ²			
	GWh	\$000	GWh	\$000	GWh	\$000	GWh	\$000	2018 Test Year		2019 Test Year	
									GWh ¹	\$000	GWh	\$000
NP at Hydro Request			0.6	183	1.7	370						
CBPP Secondary ²			9.1	174	8.4	231						
Star Lake	142.2	5,687	135.3	5,413	135.7	5,429	140.3	5,610	142.2	5,515	141.8	5,672
Rattle Brook	15.0	1,254	13.5	1,103	15.2	1,283	14.8	1,252	15.0	1,236	14.8	1,263
Corner Brook Cogen	51.1	10,281	62.5	11,879	70.6	13,317	66.5	12,934	51.1	11,792	66.5	12,534
St. Lawrence Wind	104.8	7,514	94.8	6,806	103.1	7,420	104.8	7,535	104.8	7,567	104.8	7,567
St . Lawrence Wind Ecoenergy Incentive Credit ³		(638)		(466)		(828)		(560)		(523)		-
Fermeuse Wind	84.4	6,488	87.2	6,744	87.0	6,728	84.4	6,513	84.4	6,539	84.4	6,539
Fermeuse Wind Ecoenergy Incentive Credit ³		(632)		(653)		(651)		(527)		(544)		(25)
Nalcor Exploits	633.5	25,340	559.5	22,380	495.4	19,815	587.0	23,482	633.5	23,763	615.4	24,615
Recapture Energy									69.1	219	667.2	1,537
Other Off-Island Purchases									83.0	7,316	48.7	4,582
CBPP Capacity Assistance		1,680	0.3	1,752	0.8	2,232		2,100		2,520		2,993
Vale Capacity Assistance		442	0.2	304	0.4	371		213		302		213
Vale Capacity Assistance (Curtaillable Load)								126		168		168
Praxair Capacity Assistance ⁴					0.0	35		140		140		-
Total Power Purchases⁵	1,031.0	57,416	962.9	55,618	918.2	55,752	997.9	58,819	1,183.0	66,009	1,743.6	67,657

Notes:

1. Values provided are consistent with the methodology detailed in Schedule I of Hydro's Evidence on Customer Rates, filed October 26, 2018.
2. CBPP Secondary amounts represent the actuals delivered to the Island Interconnected System.
3. 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).
4. 2016 Actuals appear as 0 due to rounding.
5. Differences in totals vs. addition of individual components due to rounding.