

1 Q. Regarding Load forecast (Vol. 1, p.2.43); please provide a breakdown of the forecast
2 annual growth between regulated and non-regulated customers as listed in
3 Regulated Activities - Schedule III, p.1 of 1.
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6 A. The following tables provide a breakdown between regulated and non-regulated
7 customers for the Labrador Interconnected System load forecast.
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9 Please note that a breakdown of the forecast annual growth between regulated and
10 non-regulated customers for 2013 through 2015 is provided in Hydro's response to
11 NP-NLH-011 and that the forecast for 2016 and 2017 on the following page is
12 sourced to Hydro's June 2013 Labrador Interconnected Operating Load Forecast.
13 The forecast for 2018 through 2022 is sourced to Hydro's long-term load forecast
14 for Labrador and was completed in 2012. Note that Hydro forecasts longer-term
15 requirements for Labrador City and Wabush on a regional basis and that forecast
16 requirements for Happy Valley-Goose Bay includes a provision for increased firm
17 sales to the Department of National Defence in the 2018/2019 time frame that is
18 currently associated with Department of National Defence secondary sales.

**Newfoundland and Labrador Hydro Forecast Electricity Requirements
Labrador Interconnected System**

	2016 Forecast		2017 Forecast	
	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>
Hydro Rural Interconnected				
Happy Valley - Goose Bay	76.9	308.6	74.9	294.1
Churchill Falls	0.3	1.5	0.3	1.5
Wabush	21.8	91.8	22.1	92.8
Labrador City	56.3	240.5	56.7	240.8
Total	155.3	642.4	154.0	629.2
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	198.4	986.2	197.2	973.0
Transmission Losses	25.0	105.6	24.8	104.5
Hydro Labrador Requirement	223.4	1091.8	222.0	1077.5

- Notes:
1. The 2016 and 2017 forecasts are sourced to the June 21, 2013 Labrador Operating Load Forecast.
 2. System peak excludes interruptible and secondary load.
 3. Demands for Total Deliveries and Transmission Losses are coincident with system peak.
 4. Sales to the Department of National Defence and Wabush Mines are secondary sales.
 5. Sales to the Iron Ore Company of Canada include both firm and non-firm sales. The forecast assumes 62 MW firm power requirement.
 6. Sales to the Iron Ore Company of Canada and Wabush Mines do not include the TWINCo block.

**Newfoundland and Labrador Hydro Forecast Electricity Requirements
Labrador Interconnected System**

	2018 Forecast		2019 Forecast		2020 Forecast		2021 Forecast		2022 Forecast	
	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>	<u>MW</u>	<u>GWh</u>
Hydro Rural Interconnected										
Happy Valley - Goose Bay	76.8	296.3	76.8	325.2	77.2	326.6	77.5	328.0	77.8	329.2
Churchill Falls	0.3	1.5	0.3	1.5	0.3	1.5	0.3	1.5	0.3	1.5
Labrador West	76.0	318.7	76.2	320.1	76.5	321.6	76.9	323.1	77.2	324.2
Total	153.1	616.5	153.3	646.9	154.0	649.7	154.7	652.6	155.2	654.9
Department of National Defence	-	-	-	-	-	-	-	-	-	-
Iron Ore Company of Canada	112.0	421.1	112.0	421.1	112.0	421.1	112.0	421.1	112.0	421.1
Wabush Mines	1.4	0.1	1.4	0.1	1.4	0.1	1.4	0.1	1.4	0.1
Total Deliveries	196.8	1037.7	196.9	1068.1	197.5	1070.9	198.1	1073.8	198.6	1076.1
Transmission Losses	25.0	102.1	25.0	103.6	25.1	103.8	25.1	104.1	25.2	104.3
Hydro Labrador Requirement	221.8	1139.8	221.9	1171.7	222.6	1174.7	223.2	1177.8	223.8	1180.4

- Notes:
1. The 2018 through 2022 forecast is sourced to the 2012 long term planning load forecast for Labrador.
 2. System peak excludes interruptible and secondary load.
 3. Demands for Total Deliveries and Transmission Losses are coincident with system peak.
 4. Sales to the Department of National Defence and Wabush Mines are secondary sales.
 5. Sales to the Iron Ore Company of Canada include both firm and non-firm sales. The forecast assumes 62 MW firm power requirement.
 6. Sales to the Iron Ore Company of Canada and Wabush Mines do not include the TWINCo block.