

- 1 Q. Please provide the estimated rate impact to each Island Industrial Customer (i.e.  
2 not only the average class impact) to July 1, 2017 including impact of final rates and  
3 RSP riders, and including an analysis of the potential impact from deferral accounts.  
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- 6 A. Please see IC-NLH-017 Attachment 1 for the estimated Island Industrial Customer  
7 rate impacts for July 1, 2017 by customer. These rates assume normal operation of  
8 the Rate Stabilization Plan on July 1, 2017.

**NEWFOUNDLAND AND LABRADOR HYDRO**  
**Island Industrial Customer Rate Impact**

**Total Island Industrial Customers**

	2015 Test Year		July 1, 2017				Percent Change vs Existing
	Billing Units	Unit	Existing	\$	Forecast	\$	
Demand (kW/s)	1,064,800	\$/kW/mo	8.38	8,923,024	7.99	8,507,752	
Energy (MWhs)	621,400	¢/kWh	4.069	25,284,766	3.971	24,675,794	
Spec. Assigned		\$	684,312	684,312	1,639,833	1,639,833	
				34,892,102		34,823,379	-0.2%
RSP: Current Plan	621,400	¢/kWh	-	-	(0.373)	(2,317,822)	
RSP: Fuel Rider	621,400	¢/kWh	-	-	0.625	3,883,750	
RSP: Teck Rate	20,400	¢/kWh	(1.141)	(232,764)	-	-	
RSP: IC Surplus Credit (Demand)	1,064,800	\$/kW	(1.52)	(1,618,496)	-	-	
RSP: IC Surplus Credit (Energy)	621,400	¢/kWh	(0.294)	(1,826,916)	-	-	
CDM Cost Recovery	621,400	¢/kWh	-	-	0.009	55,926	
Total Riders				<u>(3,678,176)</u>		<u>1,621,854</u>	
<b>Firm plus RSP</b>				<u><b>31,213,926</b></u>		<u><b>36,445,233</b></u>	<b>16.8%</b>

**NEWFOUNDLAND AND LABRADOR HYDRO**  
**Island Industrial Customer Rate Impact**

**Praxair**

	2015 Test Year				July 1, 2017 Forecast		Percent Change vs Existing
	Billing Units	Unit	Existing	\$		\$	
Demand (kW's)	72,000	\$/kW/mo	8.38	603,360	7.99	575,280	
Energy (MWh's)	51,600	¢/kWh	4.069	2,099,604	3.971	2,049,036	
Spec. Assigned		\$		-		-	
				<u>2,702,964</u>		<u>2,624,316</u>	-2.9%
RSP: Current Plan	51,600	¢/kWh	-	-	(0.373)	(192,468)	
RSP: Fuel Rider	51,600	¢/kWh	-	-	0.625	322,500	
RSP: IC Surplus Credit (Demand)	72,000	\$/kW	(1.52)	(109,440)	-	-	
RSP: IC Surplus Credit (Energy)	51,600	¢/kWh	(0.294)	(151,704)	-	-	
CDM Cost Recovery	51,600	\$/kW/mo	-	-	0.009	4,644	
Total Riders				<u>(261,144)</u>		<u>134,676</u>	
<b>Firm plus RSP</b>				<u><b>2,441,820</b></u>		<u><b>2,758,992</b></u>	<b>13.0%</b>

**NEWFOUNDLAND AND LABRADOR HYDRO**  
**Island Industrial Customer Rate Impact**

**Vale**

	<b>2015 Test Year</b>		<b>Existing</b>	<b>\$</b>	<b>July 1, 2017 Forecast</b>	<b>\$</b>	<b>Percent Change vs Existing</b>
	<b>Billing Units</b>	<b>Unit</b>					
Demand (kW/s)	488,800	\$/kW/mo	8.38	4,096,144	7.99	3,905,512	
Energy (MWhs)	280,800	¢/kWh	4.069	11,425,752	3.971	11,150,568	
Spec. Assigned		\$		-	480,243	480,243	
				<u>15,521,896</u>		<u>15,536,323</u>	0.1%
RSP: Current Plan	280,800	¢/kWh	-	-	(0.373)	(1,047,384)	
RSP: Fuel Rider	280,800	¢/kWh	-	-	0.625	1,755,000	
RSP: IC Surplus Credit (Demand)	488,800	\$/kW	(1.52)	(742,976)	-	-	
RSP: IC Surplus Credit (Energy)	280,800	¢/kWh	(0.294)	(825,552)	-	-	
CDM Cost Recovery	280,800	¢/kWh	-	-	0.009	25,272	
Total Riders				<u>(1,568,528)</u>		<u>732,888</u>	
Firm plus RSP				<u><b>13,953,368</b></u>		<u><b>16,269,211</b></u>	<b>16.6%</b>

**NEWFOUNDLAND AND LABRADOR HYDRO**  
**Island Industrial Customer Rate Impact**

**CBPP**

	2015 Test				July 1, 2017		Percent Change vs Existing
	Year	Unit	Existing	\$	Forecast	\$	
Demand (kW's)	108,000	\$/kW/mo	8.38	905,040	7.99	862,920	
Energy (MWh's)	44,800	¢/kWh	4.069	1,822,912	3.971	1,779,008	
Spec. Assigned		\$	347,167	347,167	870,898	870,898	
				<u>3,075,119</u>		<u>3,512,826</u>	14.2%
RSP: Current Plan	44,800	¢/kWh	-	-	(0.373)	(167,104)	
RSP: Fuel Rider	44,800	¢/kWh	-	-	0.625	280,000	
RSP: IC Surplus Credit (Demand)	108,000	\$/kW	(1.52)	(164,160)	-	-	
RSP: IC Surplus Credit (Energy)	44,800	¢/kWh	(0.294)	(131,712)	-	-	
CDM Cost Recovery	44,800	¢/kWh	-	-	0.009	4,032	
Total Riders				<u>(295,872)</u>		<u>116,928</u>	
Firm plus RSP				<u>2,779,247</u>		<u>3,629,754</u>	30.6%

**NEWFOUNDLAND AND LABRADOR HYDRO**  
**Island Industrial Customer Rate Impact**

**NARL**

	<b>2015 Test Year</b>				<b>July 1, 2017 Forecast</b>		<b>Percent Change vs Existing</b>
	<b>Billing Units</b>	<b>Unit</b>	<b>Existing</b>	<b>\$</b>		<b>\$</b>	
Demand (kW's)	354,000	\$/kW/mo	8.38	2,966,520	7.99	2,828,460	
Energy (MWh's)	223,800	¢/kWh	4.069	9,106,422	3.971	8,887,098	
Spec. Assigned		\$	150,976	150,976	89,293	89,293	
				<u>12,223,918</u>		<u>11,804,851</u>	-3.4%
RSP: Current Plan	223,800	¢/kWh	-	-	(0.373)	(834,774)	
RSP: Fuel Rider	223,800	¢/kWh	-	-	0.625	1,398,750	
RSP: IC Surplus Credit (Demand)	354,000	\$/kW	(1.52)	(538,080)	-	-	
RSP: IC Surplus Credit (Energy)	223,800	¢/kWh	(0.294)	(657,972)	-	-	
CDM Cost Recovery	223,800	¢/kWh	-	-	0.009	20,142	
Total Riders				<u>(1,196,052)</u>		<u>584,118</u>	
Firm plus RSP				<u><b>11,027,866</b></u>		<u><b>12,388,969</b></u>	<b>12.3%</b>

**NEWFOUNDLAND AND LABRADOR HYDRO**  
**Island Industrial Customer Rate Impact**

**Teck**

	2015 Test Year		July 1, 2017				Percent Change vs Existing
	Billing Units	Unit	Existing	\$	Forecast	\$	
Demand (kW's)	42,000	\$/kW/mo	8.38	351,960	7.99	335,580	
Energy (MWh's)	20,400	¢/kWh	4.069	830,076	3.971	810,084	
Spec. Assigned		\$	186,169	186,169	199,399	199,399	
				<u>1,368,205</u>		<u>1,345,063</u>	-1.7%
RSP: Current Plan	20,400	¢/kWh	-	-	(0.373)	(76,092)	
RSP: Fuel Rider	20,400	¢/kWh	-	-	0.625	127,500	
RSP: Teck Rate	20,400	¢/kWh	(1.14)	(232,764)	-	-	
RSP: IC Surplus Credit (Demand)	42,000	\$/kW	(1.52)	(63,840)	-	-	
RSP: IC Surplus Credit (Energy)	20,400	¢/kWh	(0.294)	(59,976)	-	-	
CDM Cost Recovery	20,400	¢/kWh	-	-	0.009	1,836	
Total Riders				<u>(356,580)</u>		<u>53,244</u>	
<b>Firm plus RSP</b>				<u><b>1,011,625</b></u>		<u><b>1,398,307</b></u>	<b>38.2%</b>