

IC-NLH-003
NLH 2016 Interim Industrial Rates Application

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1 Q. Please provide the latest load forecast information available to Hydro for 2015,
2 2016, and 2017 (including actuals as available and the most recent forecasts for the
3 remainder) for all Island customers, in the format of IC-NLH-028.

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6 A. Please see Attachment 1 which provides the latest load forecast information
7 available to Hydro for 2015, 2016, and 2017. Note that not all customer non-
8 coincident peak (NCP) demands have been tabulated by Hydro for January 2015
9 through October 2015 and also note that customer coincident peak demands have
10 not been tabulated by Hydro for January 2015 through October 2015.

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NF Power														Total Sales
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
2015	Sales (MWh) (Firm)	740,593	668,360	712,055	569,864	419,452	344,343	326,066	301,206	323,234	424,945	518,600	664,700	6,013,418
	CP (kW)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,002,121	1,213,268	
	NCP (kW)	1,284,379	1,264,590	1,259,556	NA	1,008,680	1,221,102							
2016	Sales (MWh) (Firm)	732,000	684,300	660,400	514,200	430,900	334,300	312,200	313,700	319,800	424,600	522,200	663,100	5,911,700
	CP (kW)	1,312,010	1,259,491	1,156,200	977,530	836,391	679,420	572,602	556,297	608,503	838,183	1,005,833	1,210,962	
	NCP (kW)	1,320,440	1,267,604	1,163,689	983,941	841,820	683,787	576,252	559,848	612,357	843,466	1,012,414	1,218,782	
2017	Sales (MWh) (Firm)	738,000	664,200	664,400	516,300	432,500	334,500	312,600	314,600	320,400	423,000	521,400	666,200	5,908,100
	CP (kW)	1,313,203	1,268,597	1,163,333	981,560	843,390	683,404	575,084	558,725	609,893	838,623	1,008,164	1,216,488	
	NCP (kW)	1,321,640	1,276,765	1,170,865	987,995	848,861	687,795	578,748	562,291	613,756	843,908	1,014,760	1,224,341	

Notes:

1. January through October for 2015 are actuals.
2. Forecast is sourced to Newfoundland Power forecast, dated August 10, 2015.
3. Forecast CP and NCP are based on coincidence factor and customer generation levels consistent with NLH Amended GRA load forecast.
4. NA is not available.

Rural Island Interconnected														Total Sales
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
2015	Sales (MWh) (Firm)	53,846	48,358	50,776	41,230	36,672	31,434	32,217	28,821	27,665	34,334	38,499	48,936	472,786
	CP (kW)	NA	71,508	89,385										
	NCP (kW)	NA	76,891	96,113										
2016	Sales (MWh) (Firm)	53,366	46,405	45,477	38,980	37,124	32,483	30,627	30,627	28,075	33,411	38,516	48,957	464,048
	CP (kW)	90,561	86,396	81,324	73,445	67,921	63,393	55,695	55,242	57,506	63,393	72,449	90,561	
	NCP (kW)	97,378	92,898	87,445	78,973	73,033	68,164	59,887	59,400	61,835	68,164	77,902	97,378	
2017	Sales (MWh) (Firm)	53,002	46,089	45,167	38,715	36,871	32,262	30,419	30,419	27,884	33,184	38,254	48,624	460,889
	CP (kW)	89,945	85,807	80,770	72,945	67,459	62,961	55,316	54,866	57,115	62,961	71,956	89,945	
	NCP (kW)	96,715	92,266	86,850	78,436	72,536	67,700	59,480	58,996	61,414	67,700	77,372	96,715	

Notes:

1. January through October for 2015 are actuals.
2. Forecast for 2015 is sourced to NLH Operating Load Forecast, May 2015.
3. Forecast for 2016 and 2017 is sourced to NLH 2015 Planning Load Forecast, October 2015.
4. Forecast CP is based on coincidence factor consistent with NLH Amended GRA load forecast.
5. NA is not available.

Corner Brook Pulp & Paper														Total Sales
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
2015	Sales (MWh) (Firm)	2,542	2,954	5,084	5,271	4,888	4,781	3,796	3,486	3,460	3,834	3,684	3,807	47,588
	CP (kW)	NA	7,040	7,040										
	NCP (kW)	8,009	8,431	8,457	8,000	8,096	8,192	8,000	8,000	8,000	8,303	8,000	8,000	
2016	Sales (MWh) (Firm)	3,807	3,438	3,807	3,684	3,807	3,684	3,807	3,807	3,684	3,807	3,684	3,807	44,822
	CP (kW)	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	
	NCP (kW)	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	
2017	Sales (MWh) (Firm)	3,807	3,438	3,807	3,684	3,807	3,684	3,807	3,807	3,684	3,807	3,684	3,807	44,822
	CP (kW)	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	7,040	
	NCP (kW)	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	

Notes:

1. January through October for 2015 are actuals.
2. Forecast energy sales and 2015 demands are sourced to NLH Operating Load Forecast, May 2015.
3. Forecast CP is based on coincidence factor consistent with NLH Amended GRA load forecast.
4. Forecast NCP for 2016 and 2017 is Corner Brook Pulp and Paper power on order request to NLH for 2016.
5. NA is not available.

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North Atlantic Refining														Total Sales
	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2015	Sales (MWh) (Firm)	20,636	18,467	18,617	18,981	18,313	19,297	19,893	19,982	19,441	19,410	19,845	20,412	233,295
	CP (kW)	NA	25,960	25,960										
	NCP (kW)	28,640	28,550	28,195	27,880	26,217	28,226	27,942	27,827	28,607	27,417	29,500	29,500	
2016	Sales (MWh) (Firm)	20,412	18,428	18,475	19,008	20,412	19,845	20,412	20,412	5,000	20,412	19,845	20,412	223,073
	CP (kW)	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	
	NCP (kW)	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	
2017	Sales (MWh) (Firm)	20,412	18,428	18,546	5,000	20,412	19,845	20,412	20,412	20,412	20,412	19,845	20,412	224,548
	CP (kW)	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	26,840	
	NCP (kW)	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	

Notes:

1. January through October for 2015 are actuals.
2. Forecast energy sales and 2015 demands are sourced to NLH Operating Load Forecast, May 2015.
3. Forecast CP is based on coincidence factor consistent with NLH Amended GRA load forecast.
4. Forecast NCP for 2016 and 2017 is North Atlantic Refining's power on order request to NLH for 2016.
5. NA is not available.

Teck														Total Sales
	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2015	Sales (MWh) (Firm)	5,944	4,811	5,807	5,338	5,049	4,818	982	674	517	551	612	661	35,764
	CP (kW)	NA	NA	NA	792	880								
	NCP (kW)	9,219	9,068	8,896	8,673	8,140	7,115	4,633	1,142	990	924	900	1,000	
2016	Sales (MWh) (Firm)	330	330	330	330	330	330	330	330	330	330	330	330	3,960
	CP (kW)	440	440	440	440	440	440	440	440	440	440	440	440	
	NCP (kW)	500	500	500	500	500	500	500	500	500	500	500	500	
2017	Sales (MWh) (Firm)	330	330	330	330	330	330	330	330	330	330	330	330	3,960
	CP (kW)	440	440	440	440	440	440	440	440	440	440	440	440	
	NCP (kW)	500	500	500	500	500	500	500	500	500	500	500	500	

Notes:

1. January through October for 2015 are actuals.
2. Forecast CP is based on coincidence factor consistent with NLH Amended GRA load forecast.
3. Forecast energy sales and NCP for 2016 and 2017 is sourced to Teck's power on order request to NLH for 2016.
4. NA is not available.

Vale														Total Sales
	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2015	Sales (MWh) (Firm)	7,900	6,999	9,681	8,333	9,553	10,319	11,209	14,496	14,431	16,282	17,700	19,600	146,504
	CP (kW)	NA	24,300	27,900										
	NCP (kW)	13,172	12,425	16,319	13,994	16,546	16,975	19,838	22,342	25,046	26,204	27,000	31,000	
2016	Sales (MWh) (Firm)	13,392	12,528	19,604	19,584	18,972	18,360	18,340	18,340	17,748	18,340	18,360	19,604	213,172
	CP (kW)	27,000	27,000	27,900	28,800	27,000	27,000	26,100	26,100	26,100	26,100	27,000	27,900	
	NCP (kW)	30,000	30,000	31,000	32,000	30,000	30,000	29,000	29,000	29,000	29,000	30,000	31,000	
2017	Sales (MWh) (Firm)	13,392	12,096	19,604	21,420	22,134	23,256	24,031	24,664	25,092	26,561	27,540	28,458	268,248
	CP (kW)	27,000	27,000	27,900	31,500	31,500	34,200	34,200	35,100	36,900	37,800	40,500	40,500	
	NCP (kW)	30,000	30,000	31,000	35,000	35,000	38,000	38,000	39,000	41,000	42,000	45,000	45,000	

Notes:

1. January through October for 2015 are actuals.
2. Forecast NCP and energy sales are sourced to Vales demand and energy forecast provided to NLH in October 2015.
3. Forecast CP is based on coincidence factor consistent with NLH Amended GRA load forecast.
4. NA is not available.

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Praxair														
	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Sales
2015	Sales (MWh) (Firm)	2,829	74	3,858	3,499	3,548	3,308	3,471	3,435	3,108	3,516	3,738	3,863	38,247
	CP (kW)	NA	5,200	6,000										
	NCP (kW)	6,636	154	6,249	5,139	5,122	5,155	4,842	5,073	5,265	5,669	5,200	6,000	
2016	Sales (MWh) (Firm)	4,156	3,754	4,156	4,022	4,156	4,022	4,156	4,156	4,022	4,156	4,022	4,156	48,933
	CP (kW)	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	
	NCP (kW)	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	
2017	Sales (MWh) (Firm)	4,375	3,951	4,375	4,234	4,375	4,234	4,375	4,375	4,234	4,375	4,234	4,375	51,509
	CP (kW)	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	
	NCP (kW)	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	

Notes: 1. January through October for 2015 are actuals.
 2. Forecast energy sales and NCP are sourced to NLH Operating Load Forecast, May 2015.
 3. Forecast CP is based on coincidence factor consistent with NLH Amended GRA load forecast.
 4. NA is not available.