

1    Q.    **Reference: Rate Schedule, Section E: RSP Surplus, page 14 of 47**

2            On a monthly basis, please provide in tabular form showing the forecast demand  
3            and energy for the years 2013 to 2018 for each of NP, Island Interconnected Rural,  
4            Vale, CBPP, NARL, Praxair and Teck Resources.

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7    A.    Please see page 5 of 10 of Hydro's response to IC-NLH-030 for a monthly demand  
8            and energy forecast for the year 2015. The following tables provide forecast  
9            monthly demand and energy for the years 2014 and for years 2016 to 2018 with  
10           monthly industrial requirements provided for the total Industrial Customer class  
11           due to confidentiality concerns within this group.

## OPERATING INTERCONNECTED ISLAND LOAD FORECAST

2014	Actual		Actual		Actual		Actual		Actual																Annual Energy
	Jan-14		Feb-14		Mar-14		Apr-14		May-14		Jun-14		Jul-14		Aug-14		Sep-14		Oct-14		Nov-14		Dec-14		
	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	
Newfoundland Power	1323.1	701.8	1292.7	668.1	1289.7	704.2	1091.4	543.0	899.4	458.1	703.6	343.4	570.9	308.8	551.4	308.4	628.5	327.9	816.9	410.2	1005.3	517.3	1233.4	671.6	5962.8
Hydro Rural Interconnected	100.7	53.7	88.9	47.9	89.4	50.6	76.2	41.0	67.9	33.7	66.8	32.2	58.7	30.4	58.2	30.4	60.6	27.8	66.8	33.1	76.3	38.2	95.4	48.5	467.5
Industrial	54.0	28.9	53.6	31.7	56.7	33.5	53.7	31.1	52.6	32.0	59.1	33.0	64.0	37.0	64.0	37.0	69.0	39.7	69.0	40.7	74.0	42.5	79.0	46.3	433.4
TOTAL NLH SALES	1447.1	784.4	1421.0	747.7	1406.0	788.3	1172.1	615.1	970.9	523.8	812.4	408.6	677.1	376.2	657.3	375.8	741.2	395.4	934.1	484.0	1133.9	598.0	1382.5	766.4	6863.7
Losses	87.9	25.3	92.0	19.7	80.0	31.4	64.9	21.2	61.1	14.1	39.3	16.6	31.3	14.6	32.0	15.4	35.8	16.1	36.5	15.9	40.5	18.0	48.4	24.4	232.7
Required NLH Generation	1535.0	809.7	1513.0	767.4	1486.0	819.7	1237.0	636.3	1032.0	537.9	851.7	425.2	708.4	390.8	689.3	391.2	777.0	411.5	970.6	499.9	1174.4	616.0	1430.9	790.8	7096.4
2016	Jan-16		Feb-16		Mar-16		Apr-16		May-16		Jun-16		Jul-16		Aug-16		Sep-16		Oct-16		Nov-16		Dec-16		Annual Energy
	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	
Newfoundland Power	1318.3	739.8	1294.0	698.6	1175.5	667.1	1002.6	524.3	846.1	433.3	725.3	355.5	586.7	318.0	573.6	321.4	648.7	339.3	840.0	423.2	1041.9	537.6	1264.4	687.8	6045.9
Hydro Rural Interconnected	93.3	53.0	89.0	46.1	83.7	45.2	75.6	38.7	69.9	36.9	65.3	32.3	57.4	30.4	56.9	30.4	59.2	27.9	65.3	33.2	74.6	38.3	93.3	48.7	461.1
Industrial	93.5	61.3	94.5	55.9	95.1	62.4	95.7	60.8	96.9	63.6	97.6	62.0	98.2	64.4	103.1	67.7	105.5	67.1	107.4	70.6	109.2	69.5	110.4	72.6	777.9
TOTAL NLH SALES	1480.6	854.1	1453.3	800.6	1331.2	774.7	1152.4	623.8	992.7	533.8	869.1	449.8	724.5	412.8	715.5	419.5	794.5	434.3	992.0	527.0	1202.7	645.4	1442.2	809.1	7284.9
Losses	51.8	24.3	50.9	24.2	46.6	22.8	41.5	18.9	37.3	16.9	42.0	18.3	33.5	16.1	34.8	17.2	38.4	17.7	38.8	17.3	43.0	19.4	50.5	25.8	238.9
Required NLH Generation	1532.4	878.4	1504.2	824.8	1377.8	797.5	1193.9	642.7	1030.0	550.7	911.1	468.1	758.0	428.9	750.3	436.7	832.9	452.0	1030.8	544.3	1245.7	664.8	1492.7	834.9	7523.0

NOTES:

1. Forecast Newfoundland Power MW are expected MW at average peak conditions.
2. Forecast energy losses based on historical operating history. Forecast peak month demand losses at 3.5%.
3. Required NLH Net Generation does not include NLH station service and MW reflect average peak conditions. MW include customer firm demand requirements only.
4. MW requirements for Newfoundland Power and Hydro Rural interconnected for January 2014 occurred during the outage period of January 2-8.

Date completed: June 25, 2014

Prepared By: Market Analysis Section, System Planning Department

## OPERATING INTERCONNECTED ISLAND LOAD FORECAST

2017																								Annual Energy	
	Jan-17		Feb-17		Mar-17		Apr-17		May-17		Jun-17		Jul-17		Aug-17		Sep-17		Oct-17		Nov-17		Dec-17		GWH
	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH			
Newfoundland Power	1340.3	751.2	1312.0	682.5	1186.9	673.5	1015.7	531.2	851.5	434.1	729.1	355.6	591.5	320.3	574.2	322.6	646.6	337.1	839.9	421.3	1039.1	534.2	1273.8	693.0	6056.6
Hydro Rural Interconnected	91.6	50.5	87.4	43.9	82.3	43.1	74.3	36.9	68.7	35.2	64.1	30.8	56.3	29.0	55.9	29.0	58.2	26.6	64.1	31.6	73.3	36.5	91.6	46.4	439.5
Industrial	111.0	73.0	112.3	66.7	112.9	74.3	114.7	73.1	115.3	75.9	115.9	73.9	116.5	76.7	117.2	77.1	117.8	60.1	118.4	68.0	119.0	75.9	119.6	78.8	873.5
TOTAL NLH SALES	1516.6	874.7	1485.8	793.1	1357.2	790.9	1181.2	641.2	1013.6	545.2	888.2	460.3	744.8	426.0	727.9	428.7	802.6	423.8	1000.6	520.9	1207.5	646.6	1458.3	818.2	7369.6
Losses	53.1	24.9	52.0	23.9	47.5	23.3	42.5	19.4	38.0	17.2	43.0	18.7	34.4	16.6	35.4	17.5	38.8	17.2	39.1	17.1	43.2	19.4	51.0	26.1	241.3
Required NLH Generation	1569.7	899.6	1537.8	817.0	1404.7	814.2	1223.7	660.6	1051.6	562.4	931.2	479.0	779.2	442.6	763.3	446.2	841.4	441.0	1039.7	538.0	1250.7	666.0	1509.3	844.3	7610.9
2018																								Annual Energy	
	Jan-18		Feb-18		Mar-18		Apr-18		May-18		Jun-18		Jul-18		Aug-18		Sep-18		Oct-18		Nov-18		Dec-18		GWH
	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH	MW	GWH			
Newfoundland Power	1348.4	752.6	1308.9	680.8	1192.8	676.7	1015.9	531.2	855.2	435.9	731.8	357.0	594.6	321.6	572.8	321.6	649.9	341.1	844.1	425.5	1049.3	539.2	1278.1	695.4	6078.6
Hydro Rural Interconnected	90.5	49.8	86.4	43.3	81.3	42.4	73.4	36.4	67.9	34.7	63.4	30.3	55.7	28.6	55.2	28.6	57.5	26.2	63.4	31.2	72.4	36.0	90.5	45.7	433.2
Industrial	120.2	79.2	120.8	71.9	121.4	80.0	121.4	77.5	121.4	80.0	121.4	77.5	122.1	80.4	122.1	80.4	122.5	78.1	122.5	80.7	122.5	78.1	122.5	80.7	944.5
TOTAL NLH SALES	1532.0	881.6	1489.4	796.0	1369.8	799.1	1186.6	645.1	1021.9	550.6	895.2	464.8	752.3	430.6	730.3	430.6	809.3	445.4	1007.8	537.4	1219.9	653.3	1464.1	821.8	7456.3
Losses	53.6	25.1	52.1	24.0	47.9	23.5	42.7	19.5	38.4	17.4	43.3	18.9	34.8	16.7	35.5	17.6	39.1	18.1	39.4	17.7	43.6	19.6	51.2	26.2	244.3
Required NLH Generation	1585.6	906.7	1541.5	820.0	1417.7	822.6	1229.3	664.6	1060.3	568.0	938.5	483.7	787.1	447.3	765.8	448.2	848.4	463.5	1047.2	555.1	1263.5	672.9	1515.3	848.0	7700.0

NOTES:

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