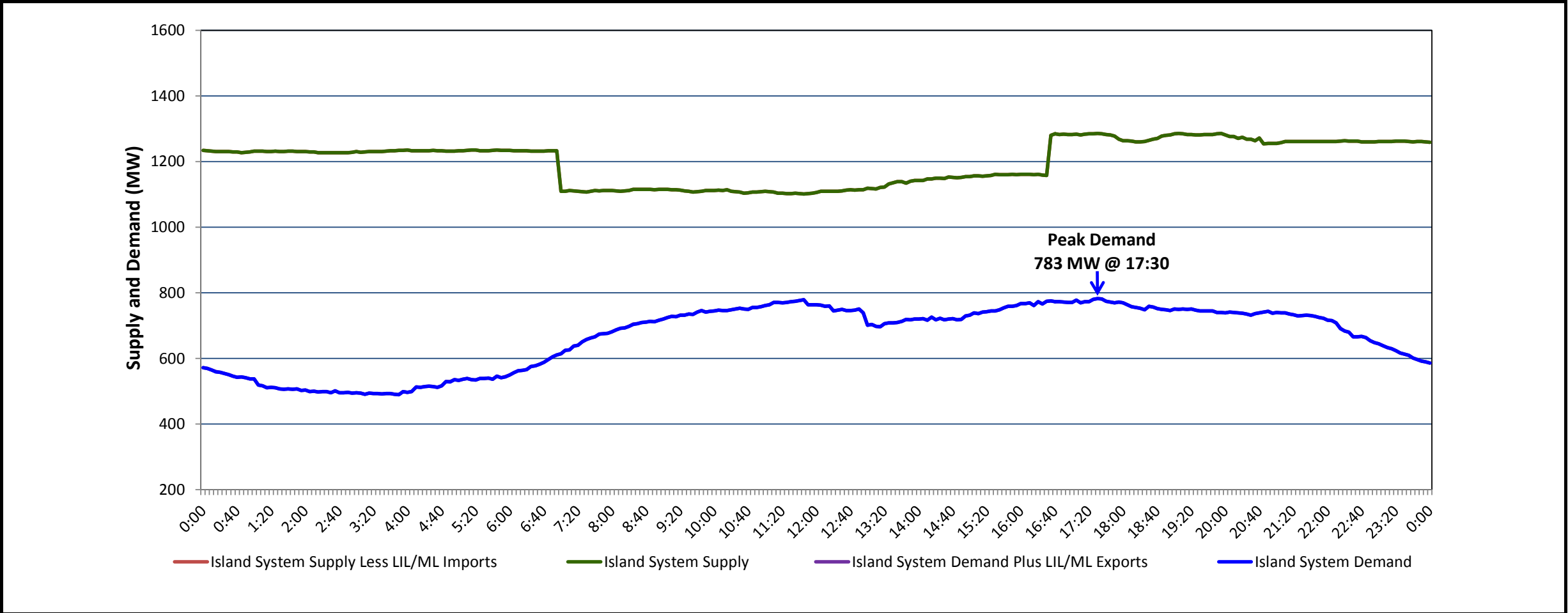


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, July 13, 2018

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, July 12, 2018



Supply Notes For July 12, 20181,2

A

As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).

B

As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).

C

As of 0855 hours, June 11, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).

D

As of 0948 hours, June 27, 2018, Hinds Lake Unit unavailable due to planned outage (75 MW).

E

As of 1830 hours, July 03, 2018, Holyrood Unit 1 removed from service for economic dispatch 88 MW (170 MW).

F

As of 1500 hours, July 04, 2018, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).

G

As of 1537 hours, July 05, 2018, Cat Arm Unit 1 available at 50 MW (67 MW).

H

As of 1251 hours, July 06, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

I

As of 0613 hours, July 09, 2018, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).

J

As of 1535 hours, July 10, 2018, Hardwoods Gas Turbine available at 25 MW (50 MW).

K

At 0700 hours, July 12, 2018, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).

L

At 1630 hours, July 12, 2018, Holyrood Combustion Turbine available (123.5 MW).

Section 2
Island Interconnected Supply and Demand

Fri, Jul 13, 2018	Island System Outlook ³			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵ NLH Island Generation: ⁴ NLH Island Power Purchases: ⁶ Other Island Generation: ML/LIL Imports:	1,100	MW		Friday, July 13, 2018	12	13	780	780
				Saturday, July 14, 2018	13	12	775	775
				Sunday, July 15, 2018	16	18	760	760
				Monday, July 16, 2018	20	16	795	795
				Tuesday, July 17, 2018	17	19	805	805
Current St. John's Temperature & Windchill:	11 °C	N/A	°C	Wednesday, July 18, 2018	16	19	780	780
7-Day Island Peak Demand Forecast:	805	MW		Thursday, July 19, 2018	19	21	790	790

Supply Notes For July 13, 20183

M

At 0645 hours, July 13, 2018, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).

Notes:

1.

Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.

2.

Due to the Island System having no synchronous connections to the larger North American grid, when there is a sudden loss of large generating units some customer's load must be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.

3.

As of 0800 Hours.

4.

Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).

5.

Gross output from all Island sources (including Note 4).

6.

NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).

7.

Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak

Thu, Jul 12, 2018	Actual Island Peak Demand ⁸	17:30	783 MW
Fri, Jul 13, 2018	Forecast Island Peak Demand		780 MW

Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).