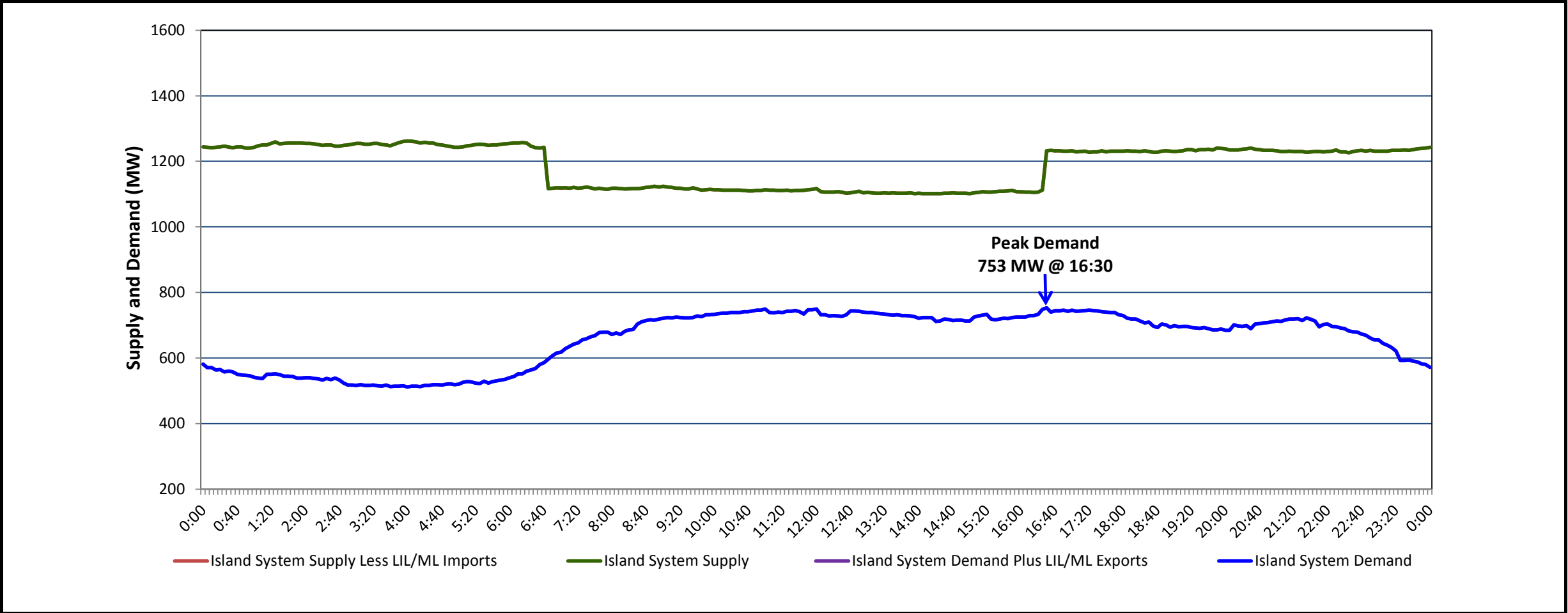


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, July 17, 2018

Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, July 16, 2018



Supply Notes For July 16, 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 1537 hours, July 05, 2018, Cat Arm Unit 1 available at 50 MW (67 MW).

G

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

H

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

I

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

J

At 0645 hours, July 16, 2018, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).

K

At 1630 hours, July 16, 2018, Holyrood Combustion Turbine available (123.5 MW).

Section 2  
Island Interconnected Supply and Demand

Tue, Jul 17, 2018				Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>				Tuesday, July 17, 2018	16	18	790	790
NLH Island Generation: <sup>4</sup>				Wednesday, July 18, 2018	18	20	790	790
NLH Island Power Purchases: <sup>6</sup>				Thursday, July 19, 2018	20	19	785	785
Other Island Generation:				Friday, July 20, 2018	17	20	805	805
ML/LIL Imports:				Saturday, July 21, 2018	17	18	755	755
Current St. John's Temperature & Windchill: 15 °C				Sunday, July 22, 2018	20	19	755	755
7-Day Island Peak Demand Forecast:				Monday, July 23, 2018	20	20	800	800

Supply Notes For July 17, 20183

L

At 0656 hours, July 17, 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

Mon, Jul 16, 2018	Actual Island Peak Demand <sup>8</sup>	16:30	753 MW
Tue, Jul 17, 2018	Forecast Island Peak Demand		790 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).