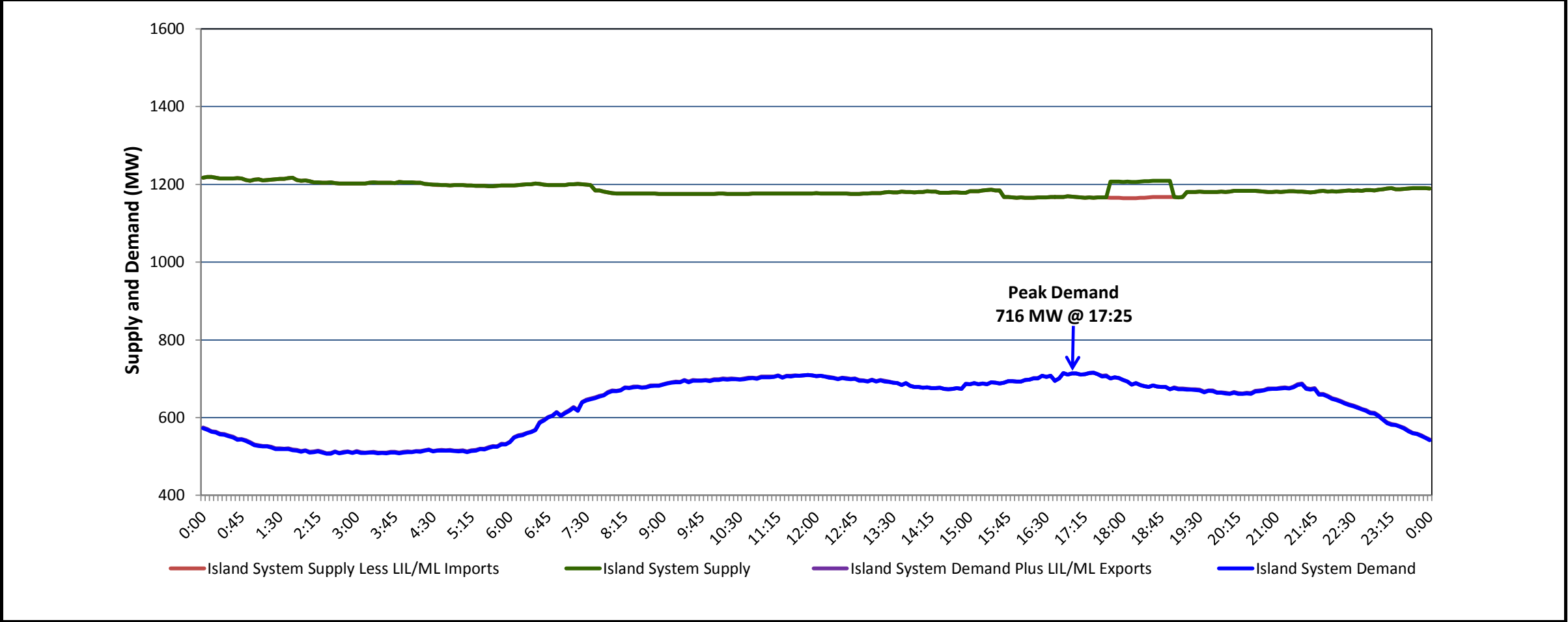


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, July 06, 2018

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, July 05, 2018



Supply Notes For July 05, 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 1357 hours, June 01, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

D

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

E

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

F

As of 0847 hours, June 30, 2018, Hardwoods Gas Turbine available 25 MW (50 MW).

G

As of 0700 hours, July 03, 2018, Holyrood Combustion Turbine unavailable due to a planned outage (123.5 MW).

H

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

I

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

J

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

Section 2
Island Interconnected Supply and Demand

Fri, Jul 06, 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:	1,205 860 145 200 -	MW MW MW MW MW	N/A	Friday, July 06, 2018	14	18	785	785
				Saturday, July 07, 2018	16	14	790	790
				Sunday, July 08, 2018	14	14	765	765
				Monday, July 09, 2018	14	16	810	810
				Tuesday, July 10, 2018	18	17	795	795
Current St. John's Temperature & Windchill:	13 °C	N/A	°C	Wednesday, July 11, 2018	15	17	785	785
7-Day Island Peak Demand Forecast:	810	MW		Thursday, July 12, 2018	17	19	795	795

Supply Notes For July 06, 20183

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 05, 2018	Actual Island Peak Demand ⁸	17:25	716 MW
Fri, Jul 06, 2018	Forecast Island Peak Demand		785 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).