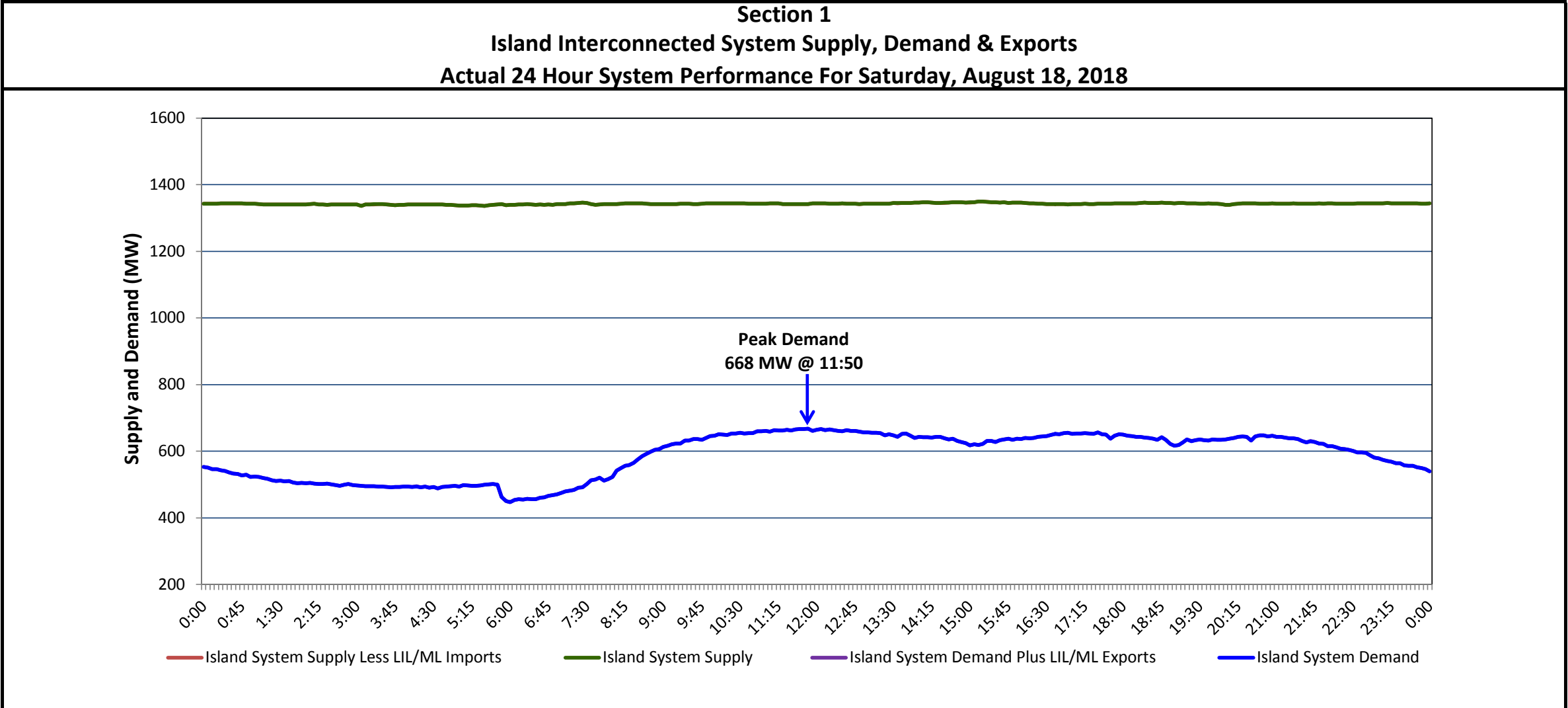


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, August 20, 2018



Supply Notes For August 18, 20181,2

A

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

B

As of 0801 hours, July 19, 2018, Holyrood Unit 3 removed from service for economic dispatch 110 MW (150 MW).

C

As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).

D

As of 0823 hours, August 06, 2018, Cat Arm unit 1 unavailable due to planned outage 50 MW (67 MW).

E

As of 1000 hours, August 06, 2018, Cat Arm unit 2 unavailable due to planned outage (67 MW).

F

As of 1609 hours, August 07, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

Section 2
Island Interconnected Supply and Demand

Sun, Aug 19, 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				1,355	MW	Sunday, August 19, 2018		14	12	725	725
NLH Island Generation: ⁴				1,045	MW	Monday, August 20, 2018		14	13	790	790
NLH Island Power Purchases: ⁶				110	MW	Tuesday, August 21, 2018		12	14	820	820
Other Island Generation:				200	MW	Wednesday, August 22, 2018		15	17	805	805
ML/LIL Imports:				-	MW	Thursday, August 23, 2018		17	20	795	795
Current St. John's Temperature & Windchill: 14 °C				N/A	°C	Friday, August 24, 2018		17	18	805	805
7-Day Island Peak Demand Forecast:				820	MW	Saturday, August 25, 2018		18	17	760	760

Supply Notes For August 19, 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

Sat, Aug 18, 2018	Actual Island Peak Demand ⁸	11:50	668 MW
Sun, Aug 19, 2018	Forecast Island Peak Demand		725 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).