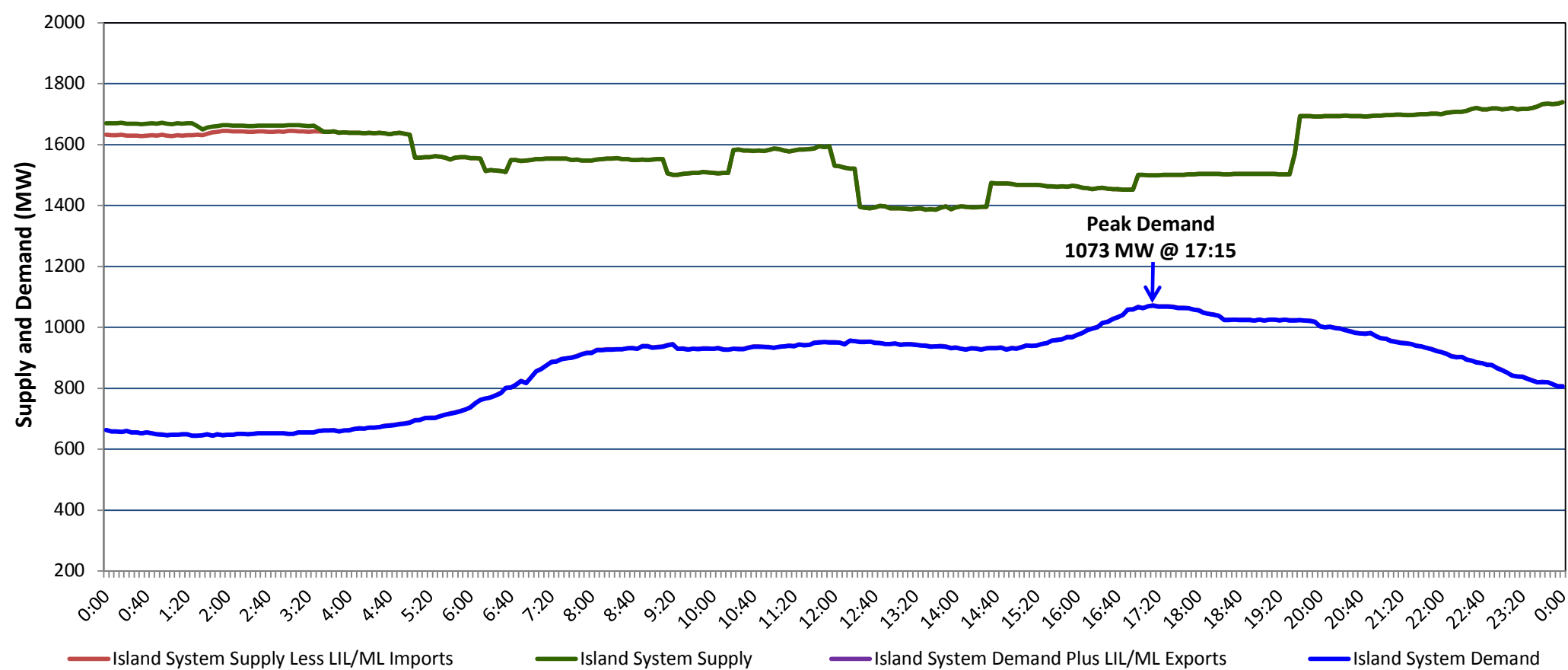


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, November 04, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, November 03, 2020**



Supply Notes For November 03, 2020

- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
- B As of 1510 hours, October 27, 2020, Holyrood Unit 1 unavailable 70 MW (170 MW).
- C As of 1134 hours, October 29, 2020, Hinds Lake Unit available at 65 MW (75 MW).
- D At 0459 hours, November 03, 2020, Bay d'Espoir Unit 3 unavailable (76.5 MW).
- E At 0612 hours, November 03, 2020, Granite Canal Unit unavailable (40 MW).
- F At 0636 hours, November 03, 2020, Granite Canal Unit available (40 MW).
- G At 0914 hours, November 03, 2020, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
- H At 1016 hours, November 03, 2020, Bay d'Espoir Unit 3 available (76.5 MW).
- I At 1159 hours, November 03, 2020, Cat Arm Unit 2 unavailable due to planned outage (67 MW).
- J At 1221 hours, November 03, 2020, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
- K At 1431 hours, November 03, 2020, Bay d'Espoir Unit 4 available (76.5 MW).
- L At 1700 hours, November 03, 2020, Hardwoods Gas Turbine available (50 MW).
- M At 1933 hours, November 03, 2020, Cat Arm Unit 2 available (67 MW).
- N At 1939 hours, November 03, 2020, Holyrood Gas Turbine available (123.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Nov 04, 2020	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	1,750 MW	Wednesday, November 04, 2020	3	-2	1,310	1,215
NLH Island Generation: ⁴	1,365 MW	Thursday, November 05, 2020	-2	-2	1,215	1,121
NLH Island Power Purchases: ⁶	145 MW	Friday, November 06, 2020	8	10	985	894
Other Island Generation:	240 MW	Saturday, November 07, 2020	10	9	990	899
ML/LIL Imports:	- MW	Sunday, November 08, 2020	0	0	1,190	1,096
Current St. John's Temperature & Windchill:	1 °C	Monday, November 09, 2020	-1	-1	1,240	1,146
7-Day Island Peak Demand Forecast:	1,310 MW	Tuesday, November 10, 2020	1	9	1,185	1,091

Supply Notes For November 04, 2020

- Notes:
- 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.
 - 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 there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
 - Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

Tue, Nov 03, 2020	Actual Island Peak Demand ⁸	17:15	1,073 MW
Wed, Nov 04, 2020	Forecast Island Peak Demand		1,310 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).