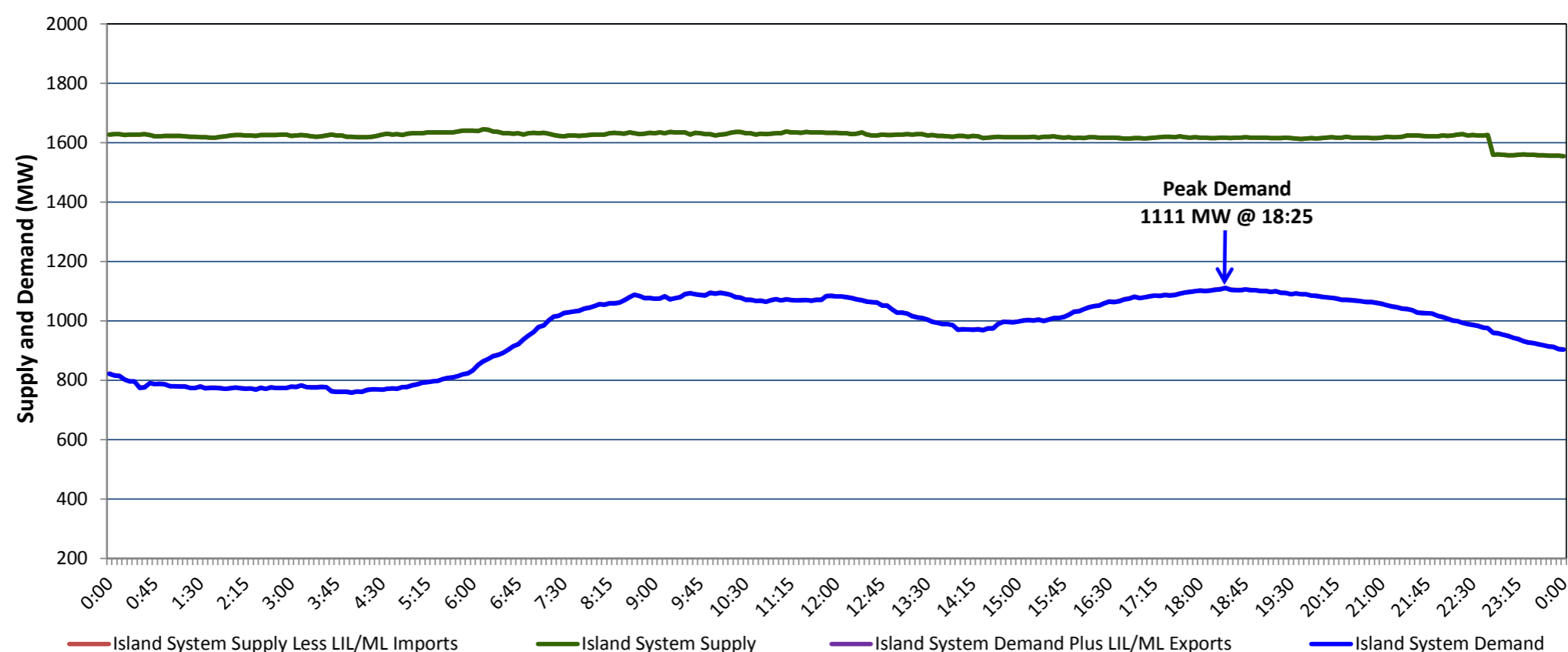


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 02, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, October 30, 2020**



Supply Notes For October 30, 2020

- 1,2
- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
 - B As of 0850 hours, October 16, 2020, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - C As of 1510 hours, October 27, 2020, Holyrood Unit 1 unavailable 70 MW (170 MW).
 - D As of 1134 hours, October 29, 2020, Hinds Lake Unit available at 65 MW (75 MW).
 - E At 2248 hours, October 30, 2020, Cat Arm Unit 2 unavailable due to planned outage (67 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Oct 31, 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	1,630	MW		Saturday, October 31, 2020	2	0	1,165	1,165
NLH Island Generation: ⁴	1,285	MW		Sunday, November 01, 2020	1	4	1,090	1,077
NLH Island Power Purchases: ⁶	105	MW		Monday, November 02, 2020	10	13	1,055	963
Other Island Generation:	240	MW		Tuesday, November 03, 2020	10	7	1,035	943
ML/LIL Imports:	-	MW		Wednesday, November 04, 2020	2	1	1,210	1,116
Current St. John's Temperature & Windchill:	1 °C	N/A	°C	Thursday, November 05, 2020	-2	-1	1,225	1,131
7-Day Island Peak Demand Forecast:	1,225	MW		Friday, November 06, 2020	8	8	990	899

Supply Notes For October 31, 2020

- 3
- F At 0147 hours, October 31, 2020, Cat Arm Unit 2 available (67 MW).
 - G At 0155 hours, October 31, 2020, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
 - H At 0404 hours, October 31, 2020, Cat Arm Unit 1 available (67 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 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.
 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 and capacity assistance (when applicable).
 7. 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**

Fri, Oct 30, 2020	Actual Island Peak Demand ⁸	18:25	1,111 MW
Sat, Oct 31, 2020	Forecast Island Peak Demand		1,165 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).