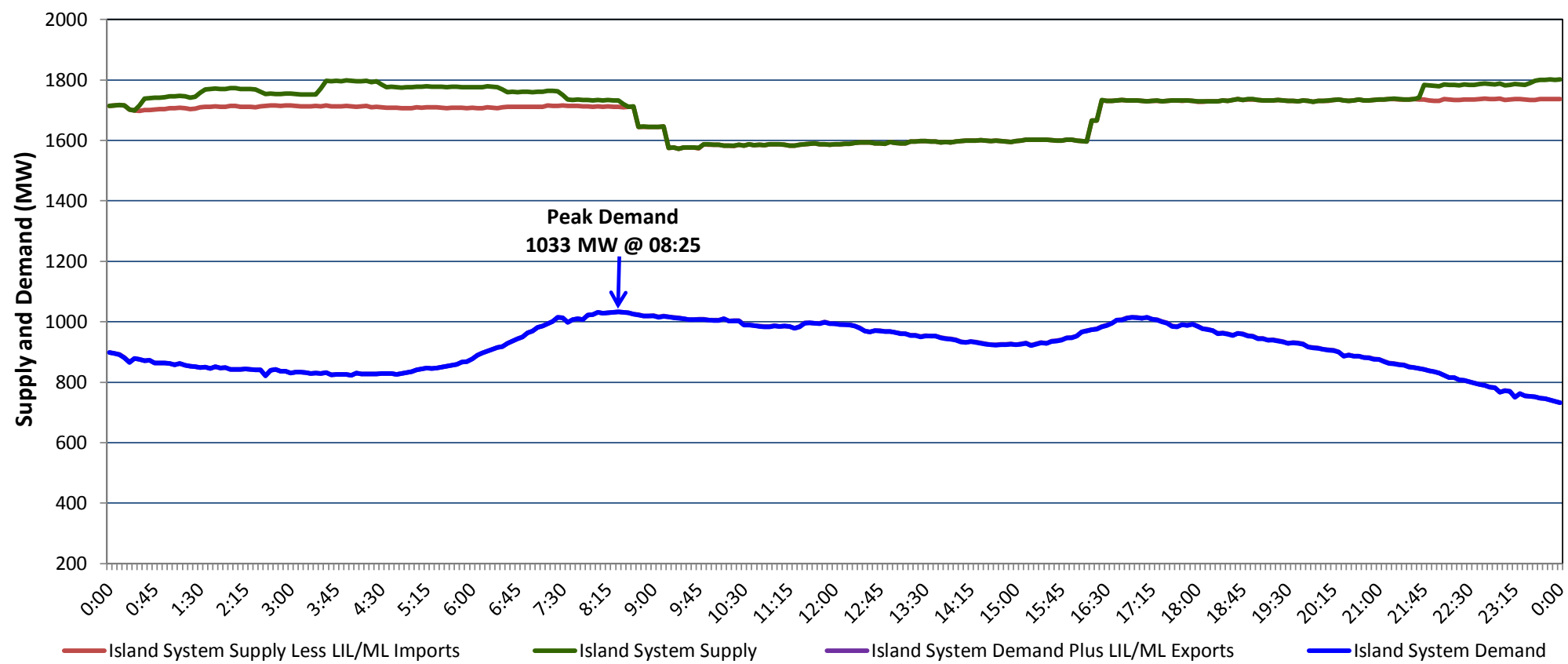


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 09, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, November 06, 2020**



Supply Notes For November 06, 2020

- 1,2
- 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 0018 hours, November 06, 2020, Stephenville Gas Turbine available at 25 MW (50 MW).
 - E At 0841 hours, November 06, 2020, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
 - F At 0914 hours, November 06, 2020, Cat Arm Unit 2 unavailable due to planned outage (67 MW).
 - G At 0946 hours, November 06, 2020, Stephenville Gas Turbine available at full capacity (50 MW).
 - H At 1614 hours, November 06, 2020, Cat Arm Unit 1 available (67 MW).
 - I At 1624 hours, November 06, 2020, Cat Arm Unit 1 available (67 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Nov 07, 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	1,800 MW	Saturday, November 07, 2020	12	5	1,000	908
NLH Island Generation: ⁴	1,435 MW	Sunday, November 08, 2020	2	-1	1,110	1,017
NLH Island Power Purchases: ⁶	135 MW	Monday, November 09, 2020	1	7	1,145	1,052
Other Island Generation:	230 MW	Tuesday, November 10, 2020	7	9	1,055	963
ML/LIL Imports:	-	Wednesday, November 11, 2020	2	3	1,155	1,062
Current St. John's Temperature & Windchill: 13 °C	N/A °C	Thursday, November 12, 2020	9	13	965	874
7-Day Island Peak Demand Forecast:	1,155 MW	Friday, November 13, 2020	5	0	1,140	1,047

Supply Notes For November 07, 2020

- 3
- J At 0041 hours, November 07, 2020, Holyrood Unit 1 available at 70 MW (170 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, Nov 06, 2020	Actual Island Peak Demand ⁸	08:25	1,033 MW
Sat, Nov 07, 2020	Forecast Island Peak Demand		1,000 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).