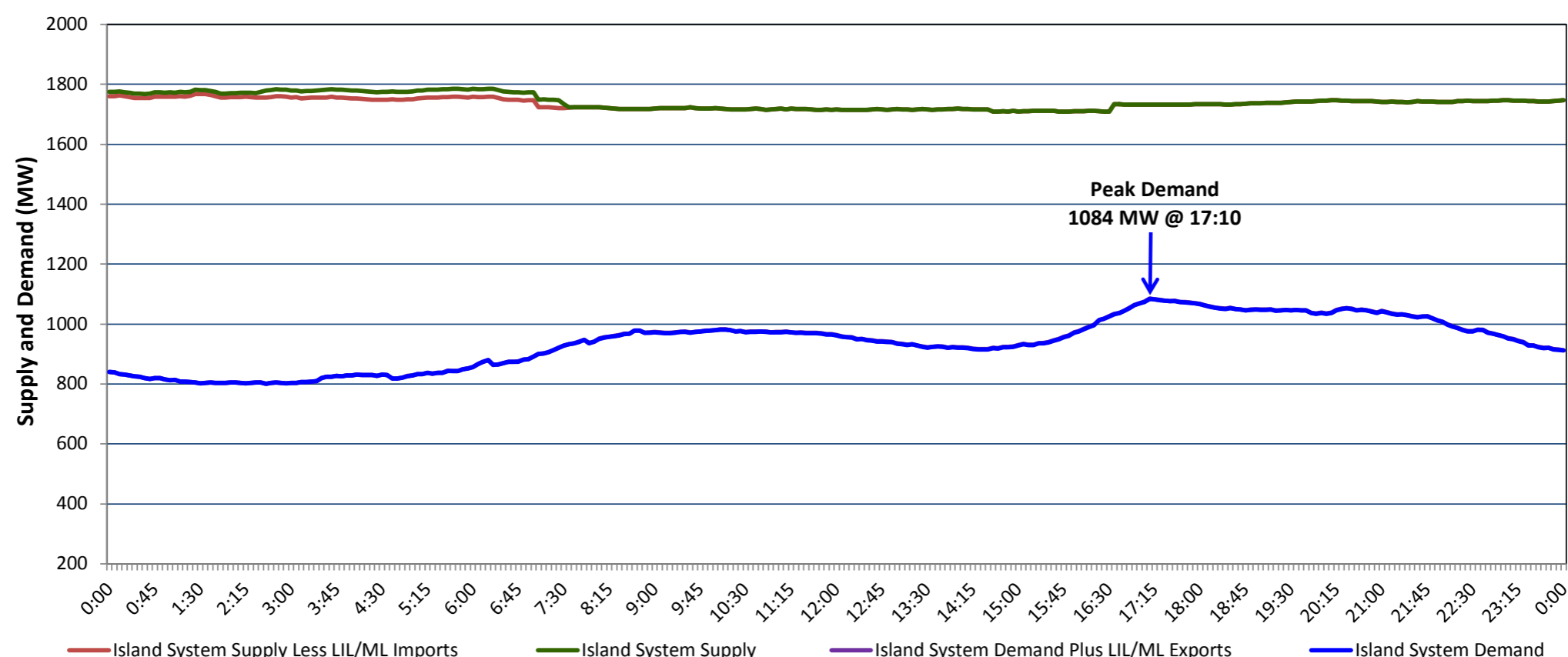


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 09, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, November 08, 2020**



Supply Notes For November 08, 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 As of 0041 hours, November 07, 2020, Holyrood Unit 1 available at 70 MW (170 MW).
 E At 0702 hours, November 08, 2020, Stephenville Gas Turbine available at 25 MW (50 MW).
 F At 1431 hours, November 08, 2020, Paradise River Unit unavailable due to planned outage (8 MW).
 G At 1633 hours, November 08, 2020, Stephenville Gas Turbine available at full capacity (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Nov 09, 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	1,705	MW	Monday, November 09, 2020	0	5	1,190	1,096
NLH Island Generation: ⁴	1,400	MW	Tuesday, November 10, 2020	5	10	1,055	963
NLH Island Power Purchases: ⁶	90	MW	Wednesday, November 11, 2020	6	5	1,120	1,027
Other Island Generation:	215	MW	Thursday, November 12, 2020	10	11	980	889
ML/LIL Imports:	-	MW	Friday, November 13, 2020	4	2	1,105	1,012
Current St. John's Temperature & Windchill: -2 °C	-5	°C	Saturday, November 14, 2020	-1	0	1,125	1,032
7-Day Island Peak Demand Forecast:	1,225	MW	Sunday, November 15, 2020	0	0	1,225	1,131

Supply Notes For November 09, 2020

- 3
- H At 0725 hours, November 09, 2020, Stephenville Gas Turbine available at 25 MW (50 MW).
 I At 0748 hours, November 09, 2020, Holyrood Unit 3 unavailable due to planned outage (150 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**

Sun, Nov 08, 2020	Actual Island Peak Demand ⁸	17:10	1,084 MW
Mon, Nov 09, 2020	Forecast Island Peak Demand		1,190 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).