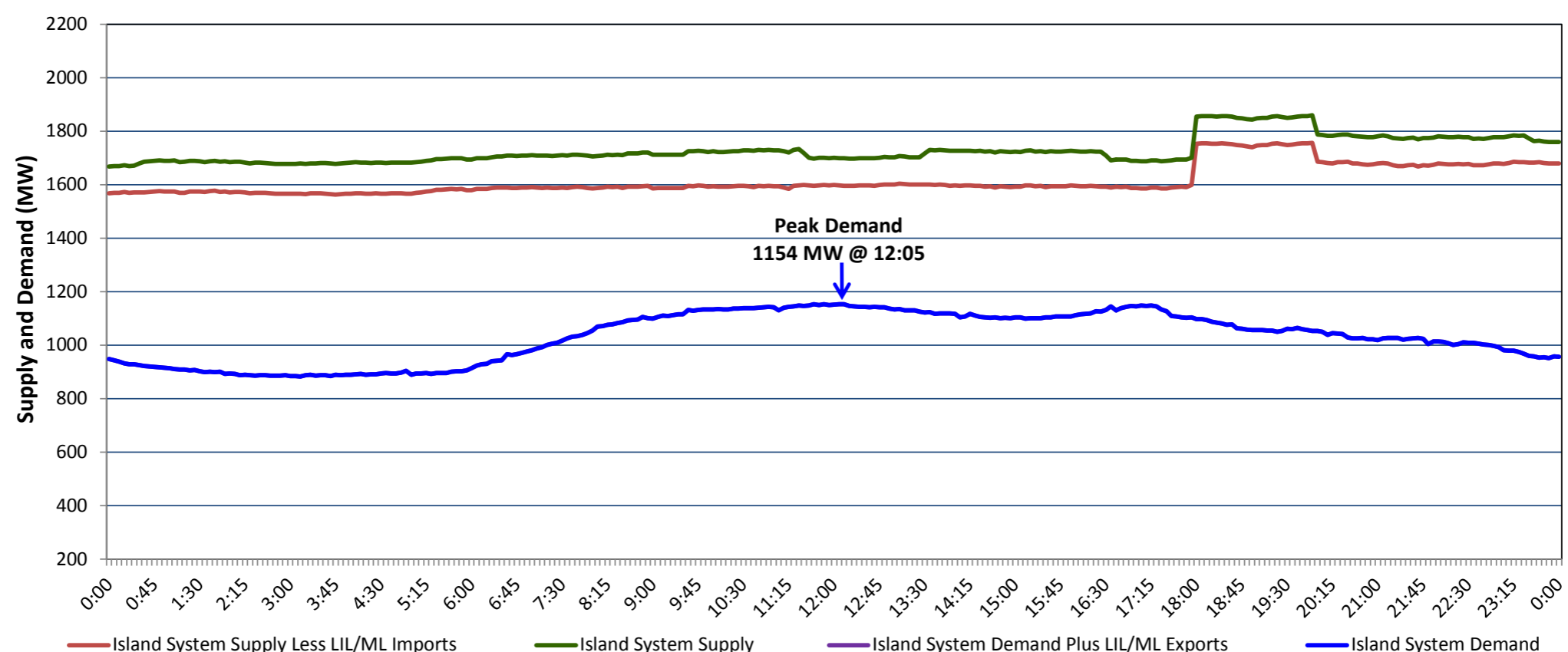


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 25, 2019**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, November 23, 2019**



Supply Notes For November 23, 2019

- A As of 0800 hours, November 10, 2019, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).
- B As of 1124 hours, November 17, 2019, Bay d'Espoir Unit 4 unavailable (76.5 MW).
- C As of 1426 hours, November 19, 2019, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- D At 0856 hours, November 23, 2019, St. Anthony Diesel Plant unavailable 8.85 MW (9.7 MW).
- E At 0932 hours, November 23, 2019, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- F At 1759 hours, November 23, 2019, Bay d'Espoir Unit 7 available (154.4 MW).
- G At 1957 hours, November 23, 2019, Bay d'Espoir Unit 3 unavailable due to planned outage 70 MW (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Sun, Nov 24, 2019	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	1,807 MW	Sunday, November 24, 2019	2	2	1,150	1,057
NLH Island Generation: ⁴	1,365 MW	Monday, November 25, 2019	2	6	1,255	1,160
NLH Island Power Purchases: ⁶	140 MW	Tuesday, November 26, 2019	4	2	1,270	1,175
Other Island Generation:	200 MW	Wednesday, November 27, 2019	2	1	1,300	1,205
ML/LIL Imports:	102 MW	Thursday, November 28, 2019	1	0	1,280	1,185
Current St. John's Temperature & Windchill: 2 °C	N/A °C	Friday, November 29, 2019	2	2	1,290	1,195
7-Day Island Peak Demand Forecast:	1,300 MW	Saturday, November 30, 2019	6	5	1,210	1,116

Supply Notes For November 24, 2019

- 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**

Sat, Nov 23, 2019	Actual Island Peak Demand ⁸	12:05	1,154 MW
Sun, Nov 24, 2019	Forecast Island Peak Demand		1,150 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).