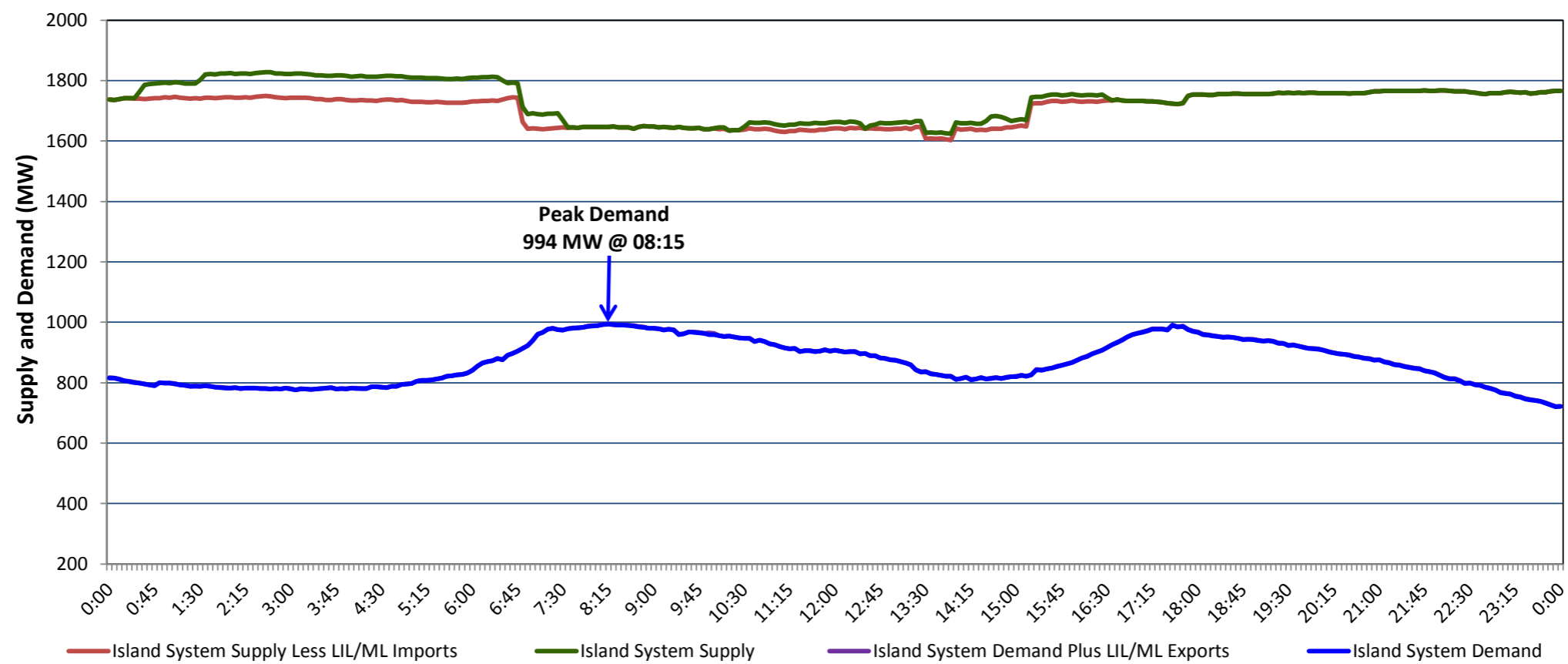


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, November 12, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, November 10, 2020**



Supply Notes For November 10, 2020

- 1,2
- A As of 1134 hours, October 29, 2020, Hinds Lake Unit available at 65 MW (75 MW).
 - B As of 0041 hours, November 07, 2020, Holyrood Unit 1 available at 70 MW (170 MW).
 - C As of 1431 hours, November 08, 2020, Paradise River Unit unavailable due to planned outage (8 MW).
 - D As of 0748 hours, November 09, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
 - E At 0651 hours, November 10, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
 - F At 0652 hours, November 10, 2020, Stephenville Gas Turbine available at 25 MW (50 MW).
 - G At 1328 hours, November 10, 2020, Granite Canal Unit unavailable due to planned outage (40 MW).
 - H At 1355 hours, November 10, 2020, Granite Canal Unit available (40 MW).
 - I At 1513 hours, November 10, 2020, Bay d'Espoir Unit 1 available (76.5 MW).
 - J At 1748 hours, November 10, 2020, Stephenville Gas Turbine available at full capacity (50 MW).

**Section 2
Island Interconnected Supply and Demand**

| Wed, Nov 11, 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 | 1,696 MW | Wednesday, November 11, 2020 | 7 | 5 | 1,055 | 963 |
| NLH Island Generation: ⁴ | 1,375 MW | Thursday, November 12, 2020 | 11 | 11 | 965 | 874 |
| NLH Island Power Purchases: ⁶ | 75 MW | Friday, November 13, 2020 | 5 | 2 | 1,055 | 963 |
| Other Island Generation: | 235 MW | Saturday, November 14, 2020 | 2 | 0 | 1,230 | 1,136 |
| ML/LIL Imports: | 11 MW | Sunday, November 15, 2020 | 1 | -1 | 1,165 | 1,072 |
| Current St. John's Temperature & Windchill: 4 °C | N/A °C | Monday, November 16, 2020 | -1 | 5 | 1,230 | 1,136 |
| 7-Day Island Peak Demand Forecast: | 1,230 MW | Tuesday, November 17, 2020 | 7 | 2 | 1,205 | 1,111 |

Supply Notes For November 11, 2020

- 3
- K At 0701 hours, November 11, 2020, Stephenville Gas Turbine unavailable due to planned outage (50 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**

| | | | |
|-------------------|--|-------|----------|
| Tue, Nov 10, 2020 | Actual Island Peak Demand ⁸ | 08:15 | 994 MW |
| Wed, Nov 11, 2020 | Forecast Island Peak Demand | | 1,055 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).