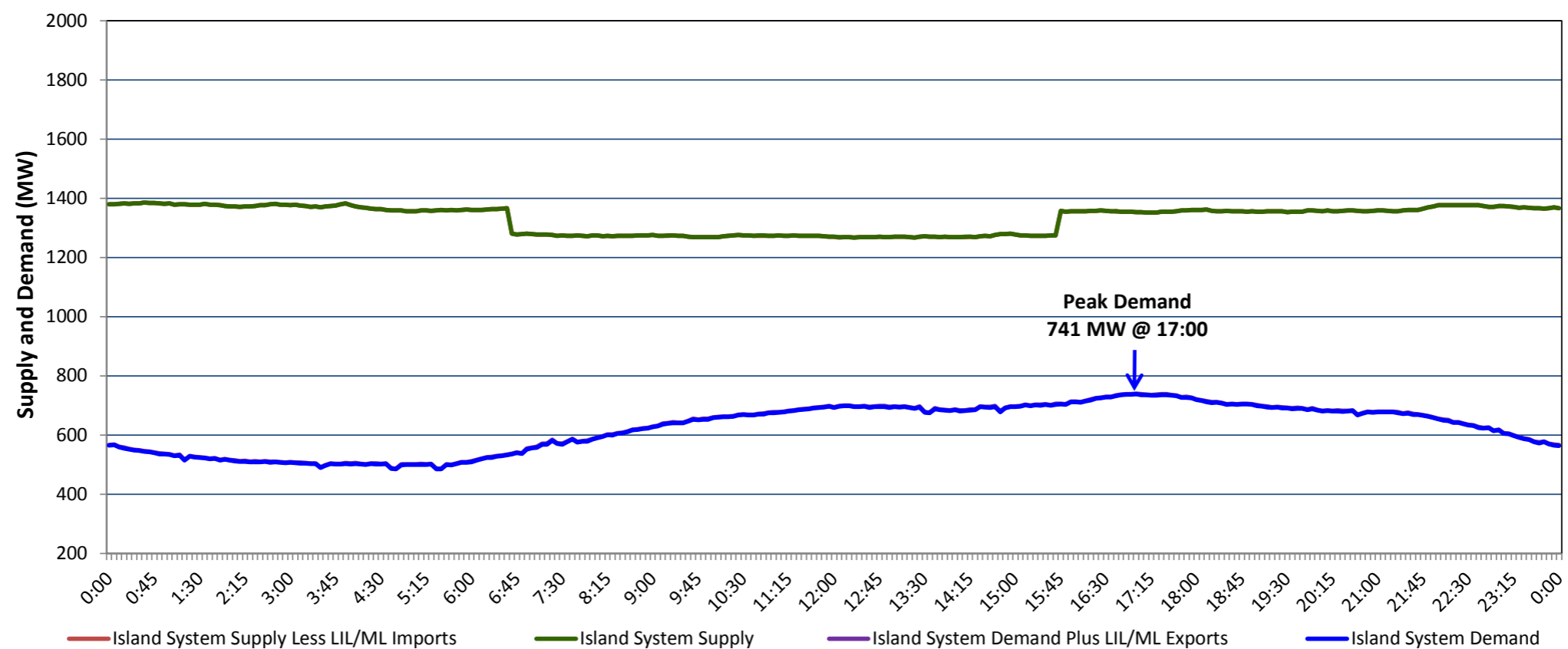


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, July 03, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, July 02, 2020**



Supply Notes For July 02, 2020

- 1,2
- A As of 1000 hours, May 31, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
 - B As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).
 - C As of 0801 hours, June 19, 2020, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
 - D As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
 - E As of 1452 hours, June 30, 2020, Granite Canal Unit available at 36 MW due to lower than normal water levels (40 MW).
 - F As of 2144 hours, July 01, 2020, Holyrood Unit 2 unavailable (170 MW).
 - G At 0640 hours, July 02, 2020, Upper Salmon Unit unavailable due to planned outage (84 MW).
 - H At 1545 hours, July 02, 2020, Upper Salmon Unit available (84 MW).

**Section 2
Island Interconnected Supply and Demand**

| Fri, Jul 03, 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 | 1,550 MW | Friday, July 03, 2020 | 8 | 8 | 790 | 790 |
| NLH Island Generation: ⁴ | 1,215 MW | Saturday, July 04, 2020 | 8 | 8 | 750 | 750 |
| NLH Island Power Purchases: ⁶ | 120 MW | Sunday, July 05, 2020 | 9 | 10 | 765 | 765 |
| Other Island Generation: | 215 MW | Monday, July 06, 2020 | 10 | 10 | 770 | 770 |
| ML/LIL Imports: | - MW | Tuesday, July 07, 2020 | 9 | 10 | 805 | 805 |
| Current St. John's Temperature & Windchill: | 8 °C | Wednesday, July 08, 2020 | 13 | 12 | 770 | 770 |
| 7-Day Island Peak Demand Forecast: | 805 MW | Thursday, July 09, 2020 | 13 | 13 | 755 | 755 |

Supply Notes For July 03, 2020

- 3
- I At 0643 hours, July 03, 2020, Holyrood Unit 2 available (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**

| | | | |
|-------------------|----------------------------------------|-------|--------|
| Thu, Jul 02, 2020 | Actual Island Peak Demand ⁸ | 17:00 | 741 MW |
| Fri, Jul 03, 2020 | Forecast Island Peak Demand | | 790 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).