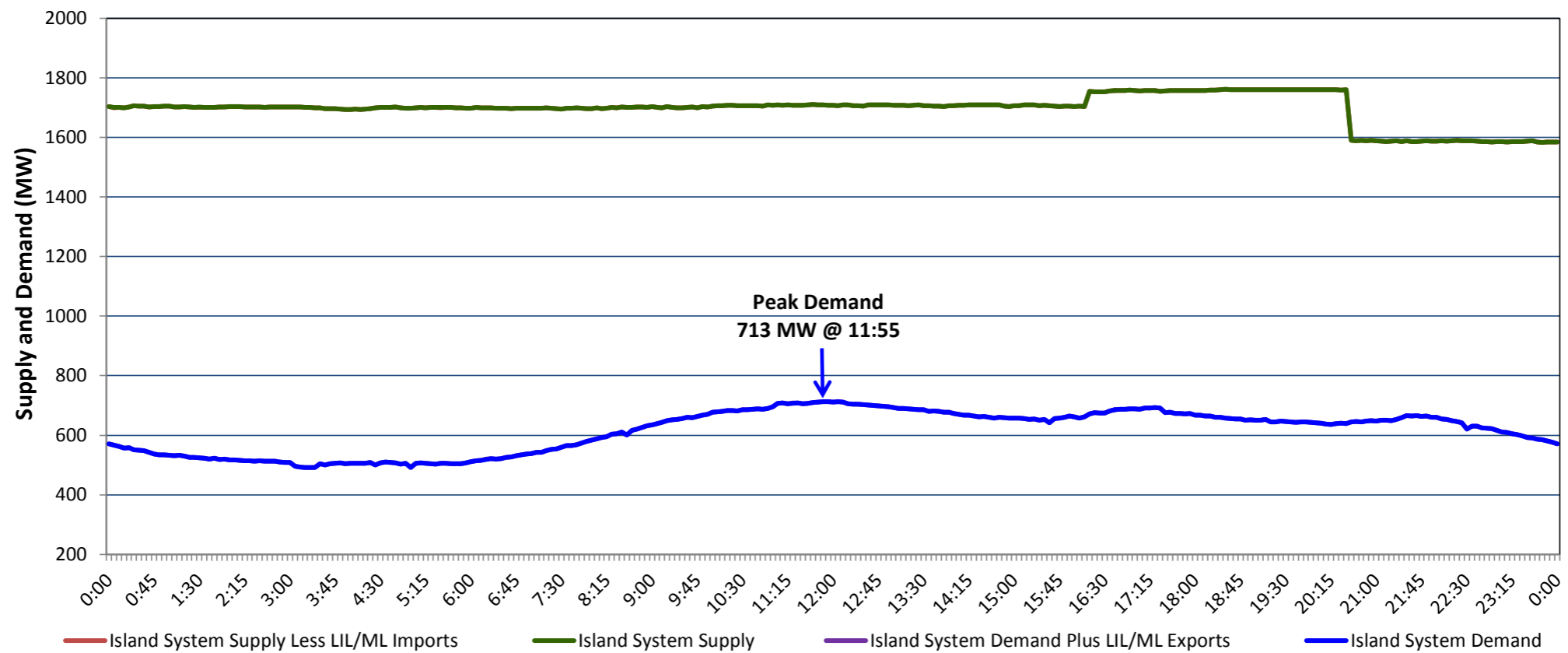


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, June 01, 2020

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, May 30, 2020



Supply Notes For May 30, 2020

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- A As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 1009 hours, May 01, 2020, Holyrood Unit 1 available but not operating (170 MW).
- C At 1612 hours, May 30, 2020, Stephenville Gas Turbine available (50 MW).
- D At 2031 hours, May 30, 2020, Holyrood Unit 2 available but not operating (170 MW).

Section 2 Island Interconnected Supply and Demand

| Sun, May 31, 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 | 1,585 | MW | Sunday, May 31, 2020 | 16 | 15 | 735 | 735 |
| NLH Island Generation: ⁴ | 1,205 | MW | Monday, June 01, 2020 | 13 | 11 | 800 | 800 |
| NLH Island Power Purchases: ⁶ | 170 | MW | Tuesday, June 02, 2020 | 11 | 9 | 890 | 890 |
| Other Island Generation: | 210 | MW | Wednesday, June 03, 2020 | 8 | 9 | 870 | 870 |
| ML/LIL Imports: | - | MW | Thursday, June 04, 2020 | 12 | 13 | 835 | 835 |
| Current St. John's Temperature & Windchill: | 18 °C | N/A °C | Friday, June 05, 2020 | 13 | 10 | 825 | 825 |
| 7-Day Island Peak Demand Forecast: | 890 | MW | Saturday, June 06, 2020 | 11 | 11 | 800 | 800 |

Supply Notes For May 31, 2020

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- 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, May 30, 2020 | Actual Island Peak Demand ⁸ | 11:55 | 713 MW |
| Sun, May 31, 2020 | Forecast Island Peak Demand | | 735 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).