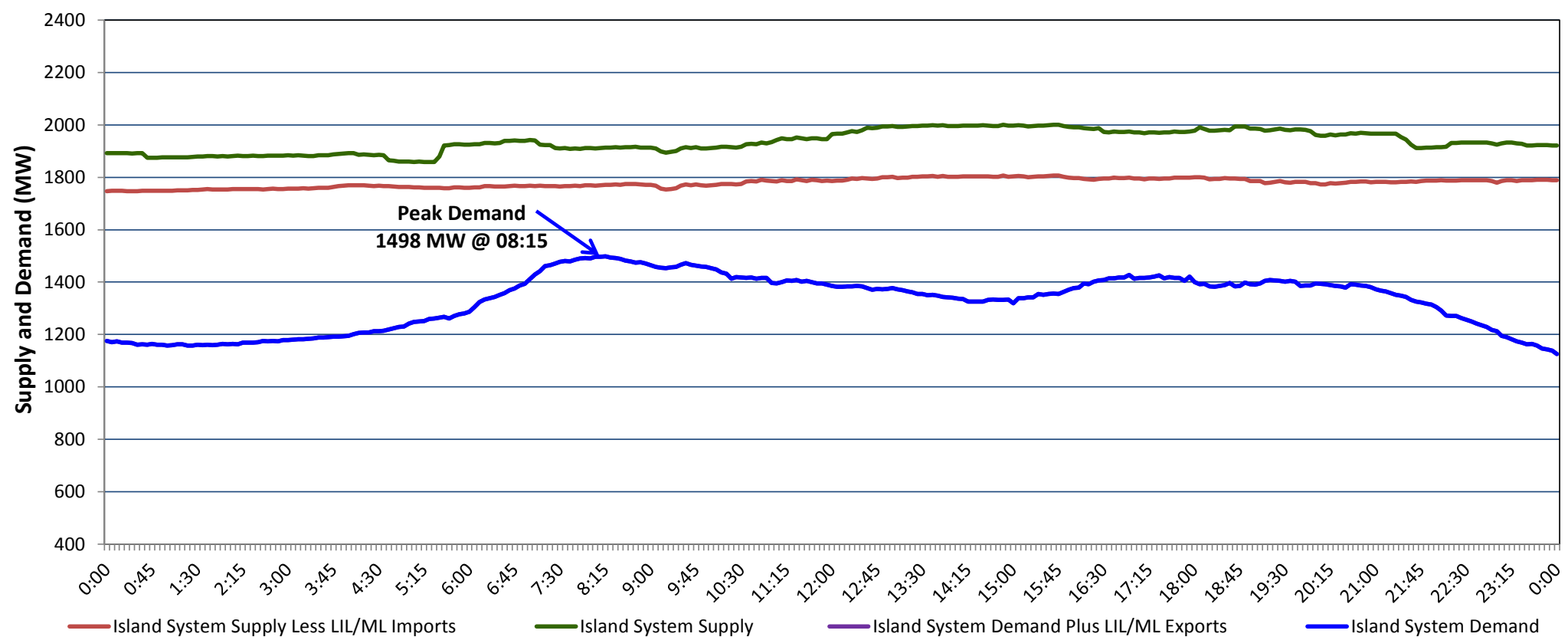


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, March 12, 2019**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Monday, March 11, 2019**



Supply Notes For March 11, 2019

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- A As of 0409 hours, February 27, 2019, Bay d'Espoir Unit 5 unavailable (76.5 MW).
- B As of 0721 hours, March 06, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).
- C As of 0045 hours, March 09, 2019, Holyrood Unit 3 removed from service for economic dispatch (150 MW).
- D At 0906 hours, March 11, 2019, St. Anthony Diesel Plant unavailable due to planned outage (9.7 MW).
- E At 0930 hours, March 11, 2019, St. Anthony Diesel Plant available (9.7 MW).

**Section 2
Island Interconnected Supply and Demand**

| Tue, Mar 12, 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 | 1,949 MW | Tuesday, March 12, 2019 | 1 | -1 | 1,295 | 1,194 |
| NLH Island Generation: ⁴ | 1,440 MW | Wednesday, March 13, 2019 | -3 | -3 | 1,385 | 1,283 |
| NLH Island Power Purchases: ⁶ | 110 MW | Thursday, March 14, 2019 | -4 | -3 | 1,425 | 1,323 |
| Other Island Generation: | 205 MW | Friday, March 15, 2019 | -2 | 1 | 1,315 | 1,214 |
| ML/LIL Imports: | 194 MW | Saturday, March 16, 2019 | 2 | 3 | 1,205 | 1,105 |
| Current St. John's Temperature & Windchill: | 0 °C | Sunday, March 17, 2019 | 4 | -2 | 1,360 | 1,258 |
| 7-Day Island Peak Demand Forecast: | 1,425 MW | Monday, March 18, 2019 | -2 | -4 | 1,335 | 1,234 |

Supply Notes For March 12, 2019

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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**

| | | | |
|-------------------|--|-------|----------|
| Mon, Mar 11, 2019 | Actual Island Peak Demand ⁸ | 08:15 | 1,498 MW |
| Tue, Mar 12, 2019 | Forecast Island Peak Demand | | 1,295 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).