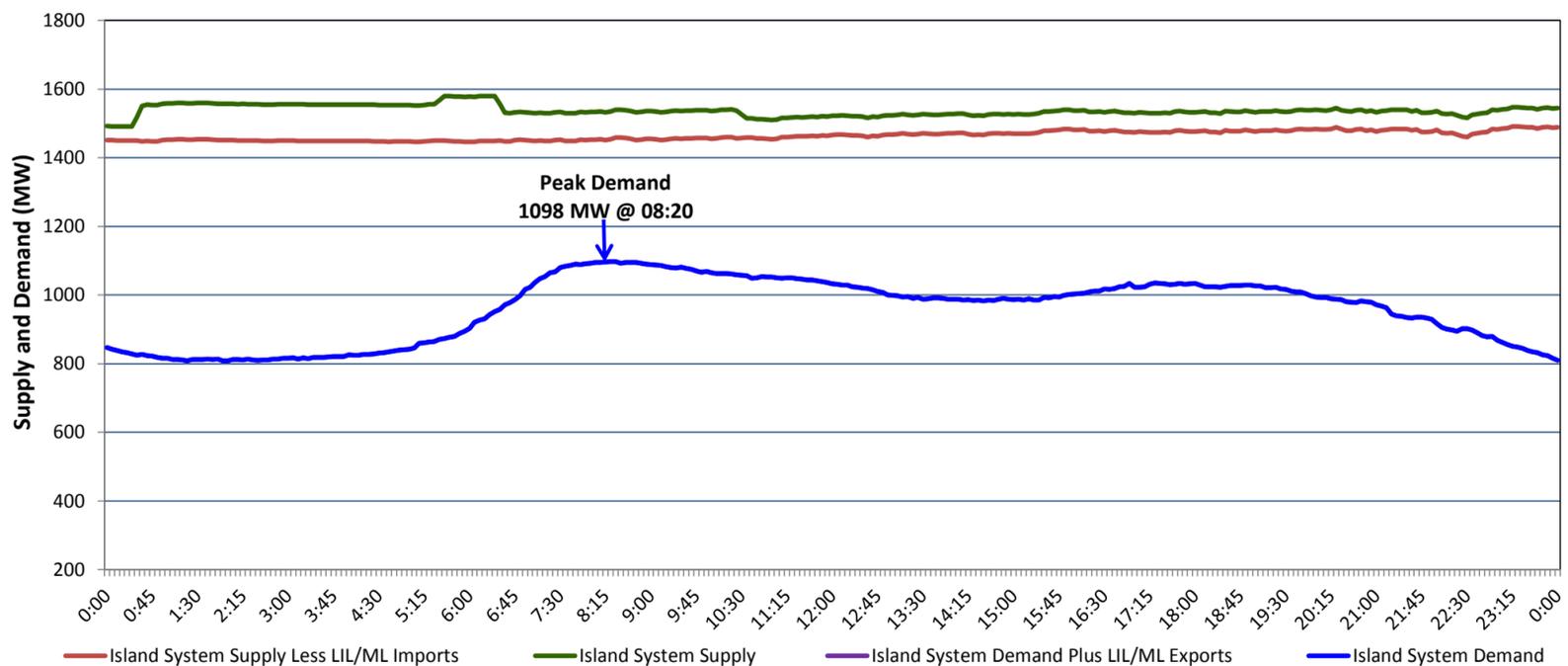


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, October 15, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, October 12, 2018**



Supply Notes For October 12, 2018

- 1,2
- A As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
 - B As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
 - C As of 0757 hours, October 08, 2018, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
 - D As of 1911 hours, October 11, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

**Section 2
Island Interconnected Supply and Demand**

| Sat, Oct 13, 2018 | 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 | 1,607 | MW | Saturday, October 13, 2018 | | 8 | 8 | 1,005 | 1,005 |
| NLH Island Generation: ⁴ | 1,195 | MW | Sunday, October 14, 2018 | | 7 | 5 | 1,060 | 1,060 |
| NLH Island Power Purchases: ⁶ | 95 | MW | Monday, October 15, 2018 | | 6 | 7 | 1,040 | 1,040 |
| Other Island Generation: | 190 | MW | Tuesday, October 16, 2018 | | 8 | 10 | 1,030 | 1,030 |
| ML/LIL Imports: | 127 | MW | Wednesday, October 17, 2018 | | 6 | 5 | 1,125 | 1,125 |
| Current St. John's Temperature & Windchill: 6 °C | N/A | °C | Thursday, October 18, 2018 | | 2 | 5 | 1,170 | 1,170 |
| 7-Day Island Peak Demand Forecast: | 1,170 | MW | Friday, October 19, 2018 | | 5 | 5 | 1,085 | 1,085 |

Supply Notes For October 13, 2018

- 3
- 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 some customer's load must 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, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
 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**

| | | | |
|-------------------|--|-------|----------|
| Fri, Oct 12, 2018 | Actual Island Peak Demand ⁸ | 08:20 | 1,098 MW |
| Sat, Oct 13, 2018 | Forecast Island Peak Demand | | 1,005 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).