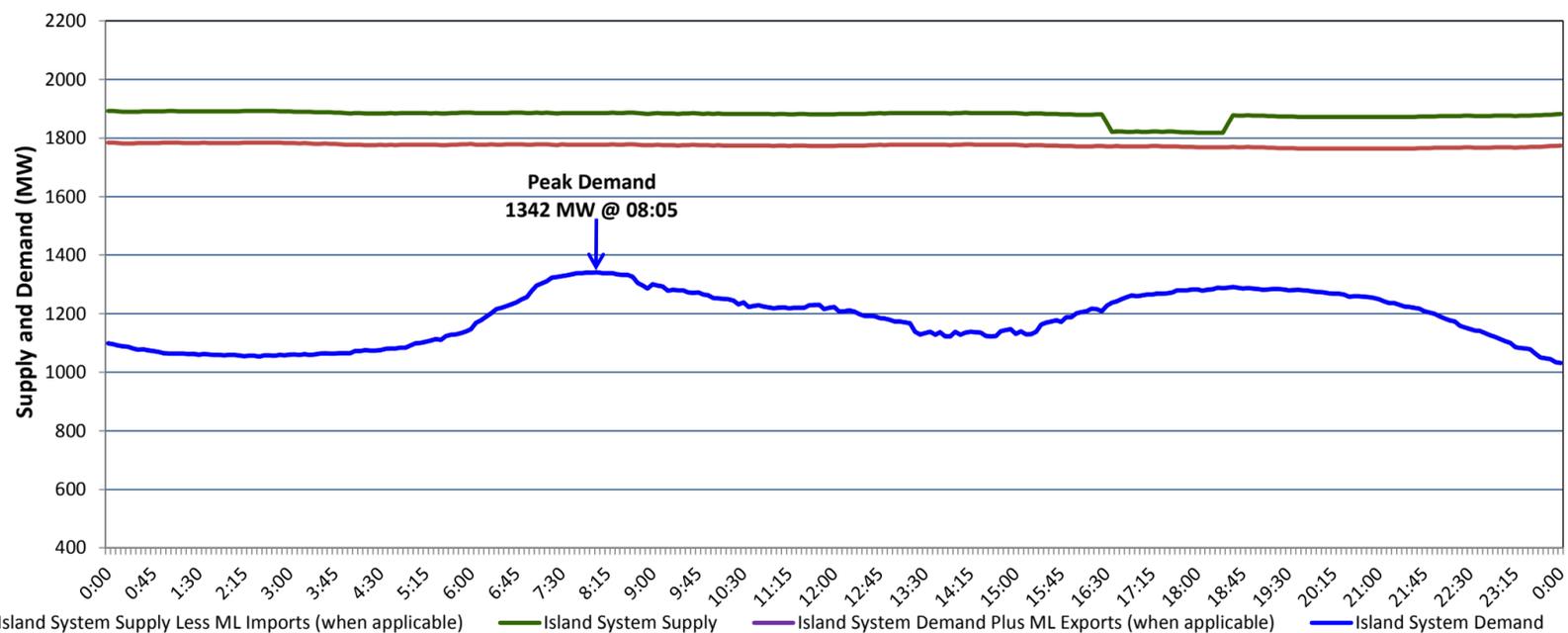


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, March 01, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Wednesday, February 28, 2018**



Supply Notes For February 28, 2018

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- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 0835 hours, February 25, 2018, Holyrood Unit 3 available at 105 MW (150 MW).
- C As of 0833 hours, February 26, 2018, Holyrood Unit 2 available at 100 MW (170 MW).
- D As of 0811 hours, February 27, 2018, Holyrood Unit 1 available at 145 MW (170 MW).
- E As of 2030 hours, February 27, 2018, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

| Thu, Mar 01, 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 | 1,795 MW | Thursday, March 01, 2018 | -1 | 2 | 1,325 | 1,214 |
| NLH Generation: ⁴ | 1,450 MW | Friday, March 02, 2018 | 1 | 0 | 1,310 | 1,204 |
| NLH Power Purchases: ⁶ | 135 MW | Saturday, March 03, 2018 | 0 | -1 | 1,305 | 1,199 |
| Maritime Link Imports: | - MW | Sunday, March 04, 2018 | 0 | 0 | 1,280 | 1,174 |
| Other Island Generation: | 210 MW | Monday, March 05, 2018 | -1 | -1 | 1,300 | 1,169 |
| Current St. John's Temperature & Windchill: | -1 °C -8 °C | Tuesday, March 06, 2018 | 0 | -1 | 1,300 | 1,115 |
| 7-Day Island Peak Demand Forecast: | 1,405 MW | Wednesday, March 07, 2018 | -2 | -3 | 1,405 | 1,298 |

Supply Notes For March 01, 2018

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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 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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
 7. Adjusted for CBP&P, Vale and Praxair interruptible load, Maritime Link Exports and the impact of voltage reduction (when applicable).

**Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak**

| | | | |
|-------------------|--|-------|----------|
| Wed, Feb 28, 2018 | Actual Island Peak Demand ⁸ | 08:05 | 1,342 MW |
| Thu, Mar 01, 2018 | Forecast Island Peak Demand | | 1,325 MW |

Notes: 8. Island Demand / 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).