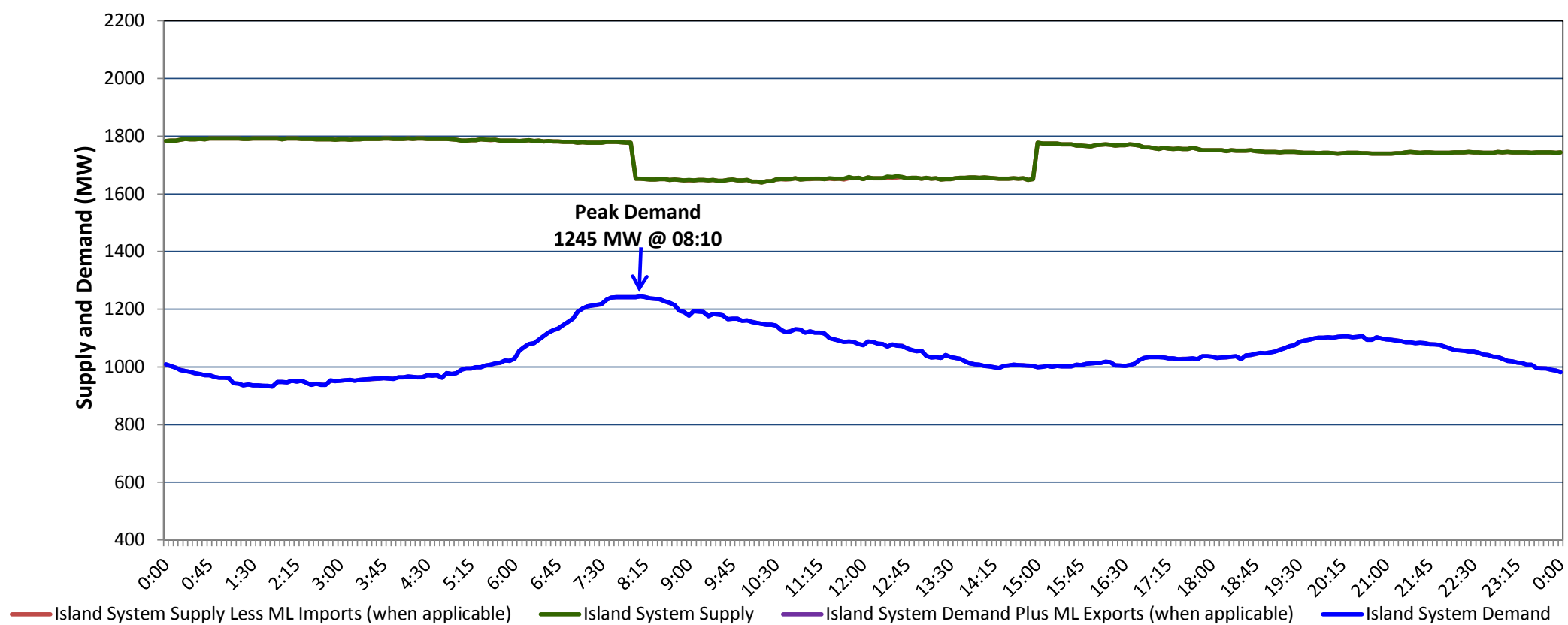


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, March 19, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Friday, March 16, 2018**



**Supply Notes For March 16, 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 0844 hours, March 01, 2018, Holyrood Unit 1 available at 148 MW (170 MW).
- C As of 1733 hours, March 06, 2018, Holyrood Unit 2 available at 100 MW (170 MW).
- D As of 2231 hours, March 13, 2018, Holyrood Unit 3 removed from service for economic dispatch 100 MW (150 MW).
- E At 0802 hours, March 16, 2018, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).
- F At 1458 hours, March 16, 2018, Holyrood Combustion Turbine available (123.5 MW).

**Section 2**

**Island Interconnected Supply and Demand**

| Sat, Mar 17, 2018                                 | Island System Outlook <sup>3</sup> | Seven-Day Forecast        | Temperature (°C) |         | Island System Daily Peak Demand (MW) |                       |
|---|------------------------------------|---------------------------|------------------|---------|--------------------------------------|-----------------------|
|   |                                    |                           | Morning          | Evening | Forecast                             | Adjusted <sup>7</sup> |
| Available Island System Supply: <sup>5</sup>      | 1,750 MW                           | Saturday, March 17, 2018  | -2               | 0       | 1,220                                | 1,115                 |
| NLH Generation: <sup>4</sup>                      | 1,425 MW                           | Sunday, March 18, 2018    | -2               | -2      | 1,335                                | 1,228                 |
| NLH Power Purchases: <sup>6</sup>                 | 115 MW                             | Monday, March 19, 2018    | -3               | -4      | 1,385                                | 1,278                 |
| Maritime Link Imports:                            | - MW                               | Tuesday, March 20, 2018   | -2               | -1      | 1,390                                | 1,283                 |
| Other Island Generation:                          | 210 MW                             | Wednesday, March 21, 2018 | -1               | 0       | 1,315                                | 1,209                 |
| Current St. John's Temperature & Windchill: -2 °C | -6 °C                              | Thursday, March 22, 2018  | 0                | 1       | 1,330                                | 1,223                 |
| 7-Day Island Peak Demand Forecast:                | 1,390 MW                           | Friday, March 23, 2018    | 8                | 1       | 1,225                                | 1,120                 |

**Supply Notes For March 17, 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**

|                   |  |       |          |
|-------------------|--|-------|----------|
| Fri, Mar 16, 2018 | Actual Island Peak Demand <sup>8</sup> | 08:10 | 1,245 MW |
| Sat, Mar 17, 2018 | Forecast Island Peak Demand            |       | 1,220 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).