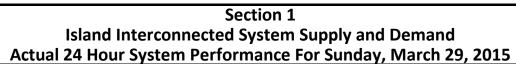
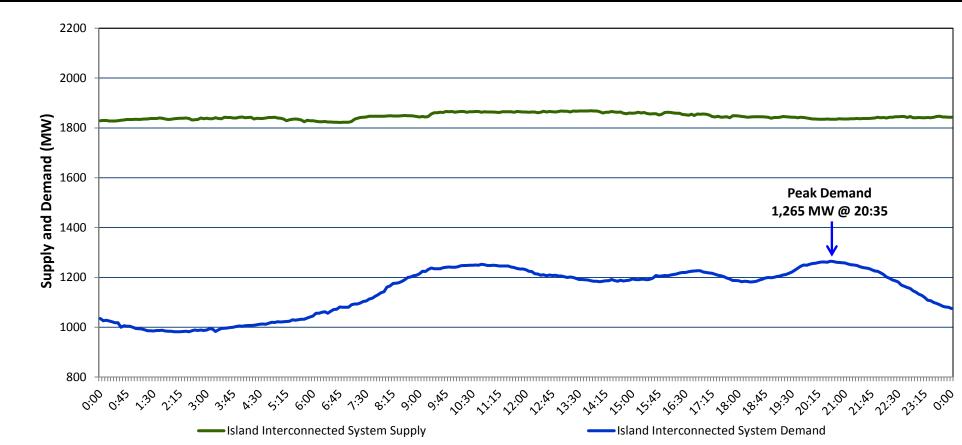
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, March 30, 2015





Supply Notes For March 29, 2015

1,2

- As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- As of 1310 hours, March 27, 2015, Holyrood Unit 3 removed from service for economic dispatch (150 MW)

## **Section 2 Island Interconnected Supply and Demand** Temperature **Island System Daily** Mon, Mar 30, 2015 Island System Outlook<sup>3</sup> (°C) Peak Demand (MW) Seven-Day Forecast Adjusted<sup>6</sup> **Forecast** Morning **Evening** Available Island System Supply:5 MW Monday, March 30, 2015 1,385 1,290 1,845 NLH Generation:<sup>4</sup> MWTuesday, March 31, 2015 -1 -2 1,345 1,250 1,520 1,230 **NLH Power Purchases:** MWWednesday, April 01, 2015 0 1,325 120 Thursday, April 02, 2015 3 -4 1,365 1,270 Other Island Generation: 205 MW°C Friday, April 03, 2015 -4 Current St. John's Temperature: 0 1,310 1,215 °C 3 Saturday, April 04, 2015 1,180 Current St. John's Windchill: -10 1 1,275 Sunday, April 05, 2015 7-Day Island Peak Demand Forecast: 1,385 MW1,150 1,055

Supply Notes For March 30, 2015

- 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 Interconnected System being isolated from 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 underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency 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).
  - Gross output from all Island sources (including Note 4).
  - 6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

| Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak |  |       |          |
|---|--|-------|----------|
| Sun, Mar 29, 2015   | Actual Island Peak Demand <sup>7</sup> | 20:35 | 1,265 MW |
| Mon, Mar 30, 2015   | Forecast Island Peak Demand            |       | 1,385 MW |

Notes: 7. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).