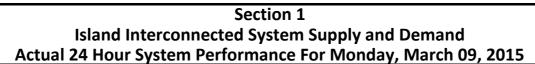
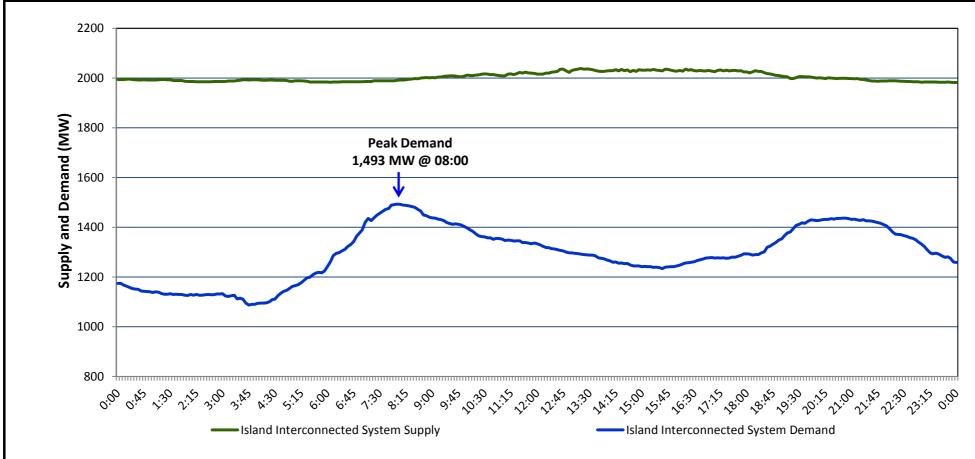
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, March 10, 2015





Supply Notes For March 09, 2015

As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).

## **Section 2** Island Interconnected Supply and Demand Temperature **Island System Daily** Tue, Mar 10, 2015 Island System Outlook<sup>3</sup> Seven-Day Forecast (°C) Peak Demand (MW) Adjusted<sup>6</sup> **Evening** Forecast Morning Available Island System Supply:5 1,990 MWTuesday, March 10, 2015 -8 1,625 1,525 -11 NLH Generation:4 Wednesday, March 11, 2015 -6 3 1,670 MW 1,515 1,415 **NLH Power Purchases:** Thursday, March 12, 2015 -6 -9 1,465 115 MW 1,565 Friday, March 13, 2015 -14 -16 Other Island Generation: 205 MW 1,680 1,580 °C Current St. John's Temperature: -15 Saturday, March 14, 2015 -13 -10 1,540 1,440 °C Current St. John's Windchill: -22 Sunday, March 15, 2015 -12 -9 1,455 1,360 1,680 7-Day Island Peak Demand Forecast: MW Monday, March 16, 2015 -4 1,500 1,400

Supply Notes For March 10, 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).
  - 5. 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			
Mon, Mar 09, 2015	Actual Island Peak Demand <sup>7</sup>	08:00	1,493 MW
Tue, Mar 10, 2015	Forecast Island Peak Demand		1,625 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).