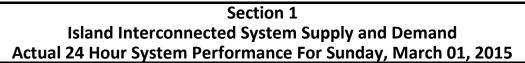
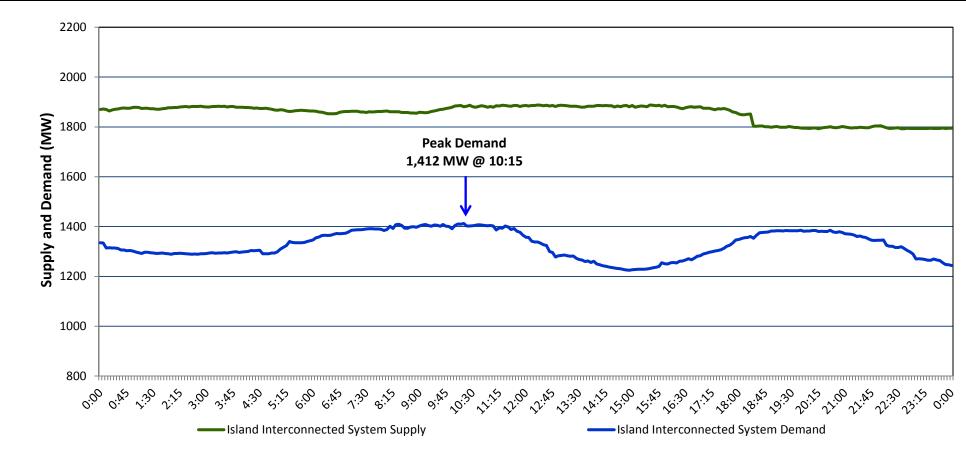
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, March 02, 2015





Supply Notes For March 01, 2015

1,2

A As of 1522 hours, February 27, 2015, Holyrood Unit 1 removed from service (170 MW).

At 1823 hours, March 01, 2015, Hardwoods Gas Turbine tripped offline (50 MW)

## Section 2 **Island Interconnected Supply and Demand** Temperature **Island System Daily** Mon, Mar 02, 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 1,795 MW Monday, March 02, 2015 1,515 1,415 NLH Generation:4 -3 1,475 MWTuesday, March 03, 2015 -9 1,525 1,425 -3 1,530 **NLH Power Purchases:** MWWednesday, March 04, 2015 -13 120 1,630 Thursday, March 05, 2015 0 1,330 1,235 Other Island Generation: 200 MW0 °C Friday, March 06, 2015 -12 -12 1,545 Current St. John's Temperature: -7 1,645 °C Saturday, March 07, 2015 -12 -9 1,425 Current St. John's Windchill: -14 1,525 Sunday, March 08, 2015 7-Day Island Peak Demand Forecast: MW-2 1,645 1,210 1,305

Supply Notes For March 02, 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 01, 2015	Actual Island Peak Demand <sup>7</sup>	10:15	1,412 MW
Mon, Mar 02, 2015	Forecast Island Peak Demand		1,515 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).