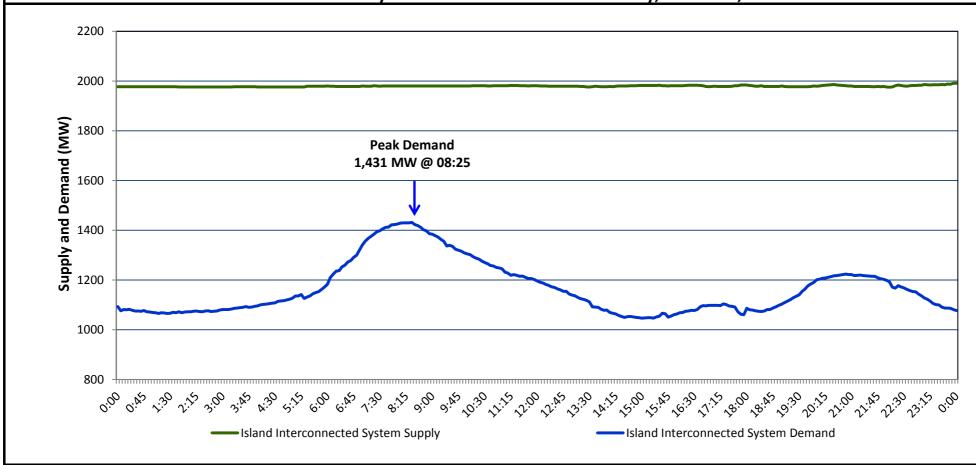
## Newfoundland Labrador Hydro (NLH)

## Supply and Demand Status Report Filed Thursday, March 26, 2015 (Revised - Apr. 01, 2015)

## Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Wednesday, March 25, 2015



Supply Notes For March 25, 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** Thu, Mar 26, 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 MWThursday, March 26, 2015 -5 1,415 1,320 0 NLH Generation:4 Friday, March 27, 2015 2 2 1,670 MW 1,240 1,145 **NLH Power Purchases:** Saturday, March 28, 2015 0 -5 1,310 1,215 120 MW Sunday, March 29, 2015 -3 -4 Other Island Generation: 200 MW 1,395 1,300 °C Current St. John's Temperature: -6 Monday, March 30, 2015 -4 -1 1,400 1,305 °C Current St. John's Windchill: -13 Tuesday, March 31, 2015 -1 1,255 1,160 1,415 7-Day Island Peak Demand Forecast: MW Wednesday, April 01, 2015 1,235 1,235

Supply Notes For March 26, 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			
Wed, Mar 25, 2015	Actual Island Peak Demand <sup>7</sup>	08:25	1,431 MW
Thu, Mar 26, 2015	Forecast Island Peak Demand		1,415 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).