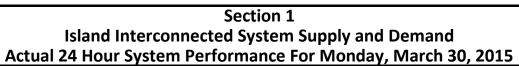
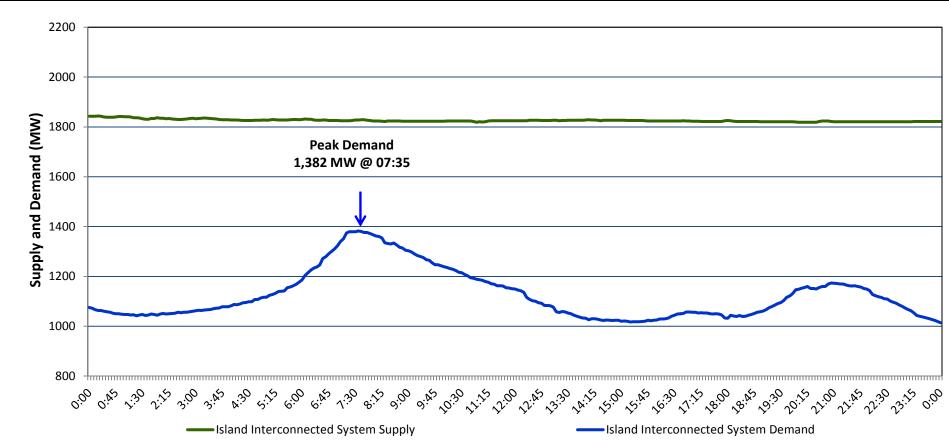
## Newfoundland Labrador Hydro (NLH)

## Supply and Demand Status Report Filed Tuesday, March 31, 2015 (Revised - Apr. 01, 2015)





Supply Notes For March 30, 2015

1,2

- As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- B 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** Island System Outlook<sup>3</sup> Tue, Mar 31, 2015 (°C) Peak Demand (MW) Seven-Day Forecast Adjusted<sup>6</sup> **Forecast** Morning **Evening** Available Island System Supply:5 1,825 MW Tuesday, March 31, 2015 1,355 1,340 NLH Generation:<sup>4</sup> Wednesday, April 01, 2015 1,285 MW0 1,285 1,500 0 Thursday, April 02, 2015 -5 1,475 **NLH Power Purchases:** MW-4 1,475 120 Friday, April 03, 2015 1,300 -4 -1 1,300 Other Island Generation: 205 MW °C Saturday, April 04, 2015 3 1,190 Current St. John's Temperature: 1,190 °C Sunday, April 05, 2015 4 -2 1,240 1,240 Current St. John's Windchill: -6 Monday, April 06, 2015 7-Day Island Peak Demand Forecast: 1,495 MW1,495 1,495

Supply Notes For March 31, 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 30, 2015	Actual Island Peak Demand <sup>7</sup>	07:35	1,382 MW
Tue, Mar 31, 2015	Forecast Island Peak Demand		1,355 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).