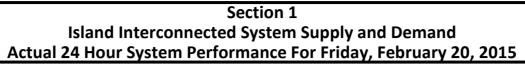
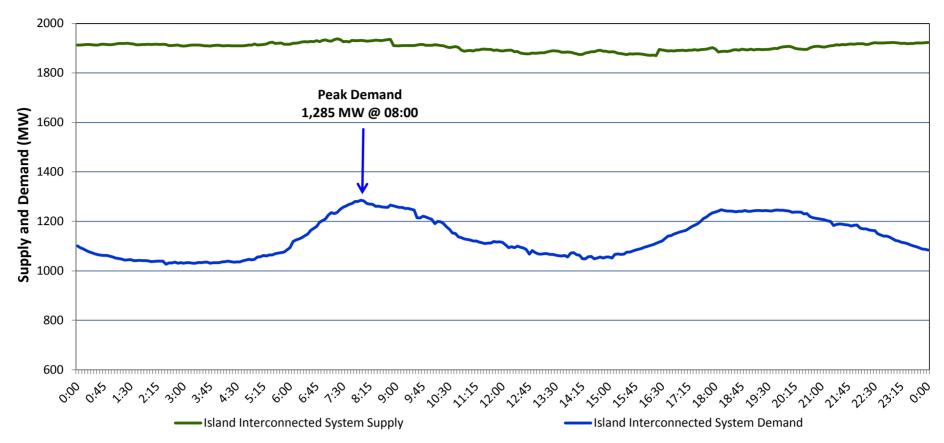
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, February 23, 2015





Supply Notes For February 20, 2015

- At 0814 hours, February 20, 2015, Hawkes Bay Unit 547 removed from service (2.5 MW).
- At 0855 hours, February 20, 2015, Stephenville Gas Turbine End A removed from service (25 MW).
 - At 1046 hours, February 20, 2015, Hawkes Bay Unit 547 returned to service (2.5 MW).
- At 1620 hours, February 20, 2015, Stephenville Gas Turbine End A returned to service (25 MW).

Section 2 **Island Interconnected Supply and Demand** Temperature **Island System Daily** Island System Outlook³ Sat, Feb 21, 2015 (°C) Peak Demand (MW) Seven-Day Forecast Adjusted⁶ **Forecast Morning Evening** Available Island System Supply: 5 Saturday, February 21, 2015 1,935 MW -5 -8 1,470 1,375 NLH Generation: Sunday, February 22, 2015 1,425 1,330 1,570 MW-6 Monday, February 23, 2015 1,300 1,205 **NLH Power Purchases:** 160 MW 5 2 Other Island Generation: 205 Tuesday, February 24, 2015 -5 -9 1,460 MW 1,560 $^{\circ}$ C Current St. John's Temperature: -5 Wednesday, February 25, 2015 -9 -4 1,430 1,530 $^{\circ}$ C Thursday, February 26, 2015 Current St. John's Windchill: -3 1,360 -15 1,455 Friday, February 27, 2015 7-Day Island Peak Demand Forecast: 1,560 MW 1,520 1,420

Supply Notes For February 21, 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 | | | |
|---|--|-------|----------|
| Fri, Feb 20, 2015 | Actual Island Peak Demand ⁷ | 08:00 | 1,285 MW |
| Sat, Feb 21, 2015 | Forecast Island Peak Demand | | 1,470 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).