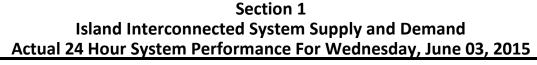
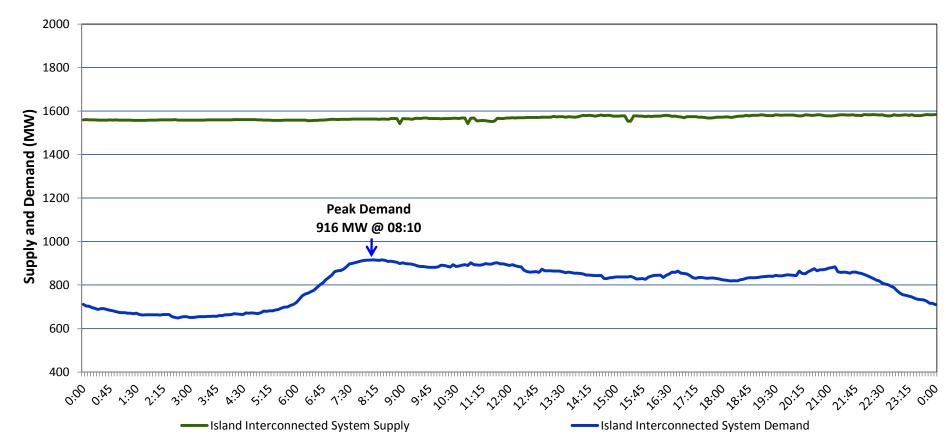
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, June 04, 2015





Supply Notes For June 03, 2015

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- As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- **c** As of 0843 hours, April 26, 2015, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).
- As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
- E As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
 - As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).

Section 2 Island Interconnected Supply and Demand Temperature **Island System Daily** Island System Outlook³ Thu, Jun 04, 2015 (°C) Peak Demand (MW) Seven-Day Forecast **Evening Forecast** Morning Available Island System Supply: 5 1,625 MWThursday, June 04, 2015 960 5 3 NLH Generation: 970 1,265 MW Friday, June 05, 2015 **NLH Power Purchases:** 150 MW Saturday, June 06, 2015 9 860 Other Island Generation: 210 MWSunday, June 07, 2015 10 9 825 °C Current St. John's Temperature: 5 Monday, June 08, 2015 8 10 875 °C Tuesday, June 09, 2015 Current St. John's Windchill: 12 12 800 N/A 7-Day Island Peak Demand Forecast: 980 MW Wednesday, June 10, 2015 13 980

Supply Notes For June 04, 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).
- $5. \quad \hbox{Gross output from all Island sources (including Note 4)}.$

Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak Wed, Jun 03, 2015 Actual Island Peak Demand 7 08:10 916 MW Thu, Jun 04, 2015 Forecast Island Peak Demand 960 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).