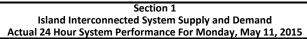
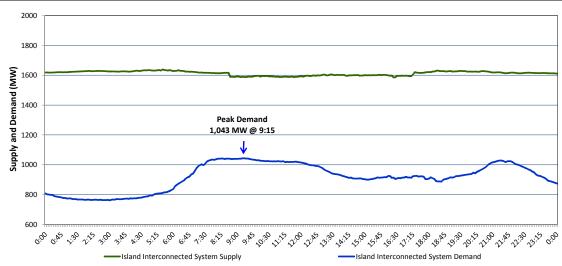
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, May 12, 2015





#### Supply Notes For May 11, 2015

As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).

- B 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 0843 hours, April 26, 2015, Bay d'Espoir Unit 2 removed from service for maintenance (76.5 MW).
- As of 1034 hours, May 1, 2015, Stephenville Gas Turbine unavailable (50 MW).
- As of 1702 hours, May 1, 2015, Nalcor Exploits Bishop's Falls plant production near normal 11 MW (18 MW).
- G As of 1520 hours, May 10, 2015, Paradise River Unit removed from service for annual maintenance (8 MW)

#### Section 2 Island Interconnected Supply and Demand emperature Island System Daily Tue, May 12, 2015 Island System Outlook<sup>3</sup> Seven-Day Forecast (°C) Peak Demand (MW) Morning Evening Forecast Available Island System Supply:5 1,120 Tuesday, May 12, 2015 6 NLH Generation: 1.240 MW 1,065 Wednesday, May 13, 2015 6 **NLH Power Purchases:** 115 MW Thursday, May 14, 2015 2 4 1,145 Other Island Generation: 215 MW Friday, May 15, 2015 8 1,065 5 940 Current St. John's Temperature: 0 °C Saturday, May 16, 2015 Current St. John's Windchill: N/A °C Sunday, May 17, 2015 1,005 7-Day Island Peak Demand Forecast: 1,145 MW Monday, May 18, 2015 960

### Supply Notes For May 12, 2015

#### At 0106 hours, May 12, 2015, Cat Arm Unit 2 unavailable (67 MW)

- 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.
  - As an observours.
     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).

# Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak Mon, May 11, 2015 Actual Island Peak Demand 7 09:15 1,043 MW Tue, May 12, 2015 Forecast Island Peak Demand 1,120 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).