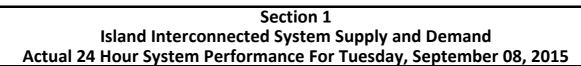
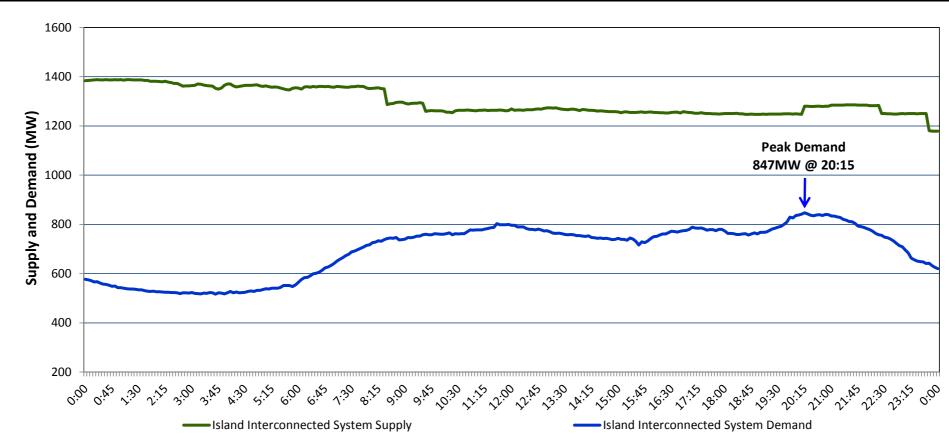
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, September 09, 2015





Supply Notes For September 08, 2015

- A As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
- B As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
- As of 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
- As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- E As of 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- G As of 1510 hours, September 02, 2015, Bay d'Espoir Unit 1 available. Derated to 45 MW (76.5 MW).
- H As of 1525 hours, September 07, 2015, Star Lake Unit unavailable. Previously derated to 12 MW (18 MW).
- At 0808 hours, September 08, 2015, Cat Arm Unit 2 unavailable (67 MW).
- At 2340 hours, September 08, 2015, Holyrood Unit 3 unavailable. Previously derated to 70 MW (150 MW)

Section 2 Island Interconnected Supply and Demand Temperature **Island System Daily** Island System Outlook³ Wed, Sep 09, 2015 (°C) Seven-Day Forecast Peak Demand (MW) Morning **Evening Forecast** Available Island System Supply:5 1,210 MW Wednesday, September 09, 2015 870 11 NLH Generation:4 Thursday, September 10, 2015 15 19 800 965 MW745 **NLH Power Purchases:** Friday, September 11, 2015 17 16 60 MW Saturday, September 12, 2015 740 Other Island Generation: 14 13 185 MW Current St. John's Temperature: °C 12 13 730 Sunday, September 13, 2015 6 Current St. John's Windchill: °C 13 15 750 N/A Monday, September 14, 2015

7-Day Island Peak Demand Forecast: Supply Notes For September 09, 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.

Tuesday, September 15, 2015

- 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).

Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak Tue, Sep 08, 2015 Actual Island Peak Demand Wed, Sep 09, 2015 Forecast Island Peak Demand 870 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).