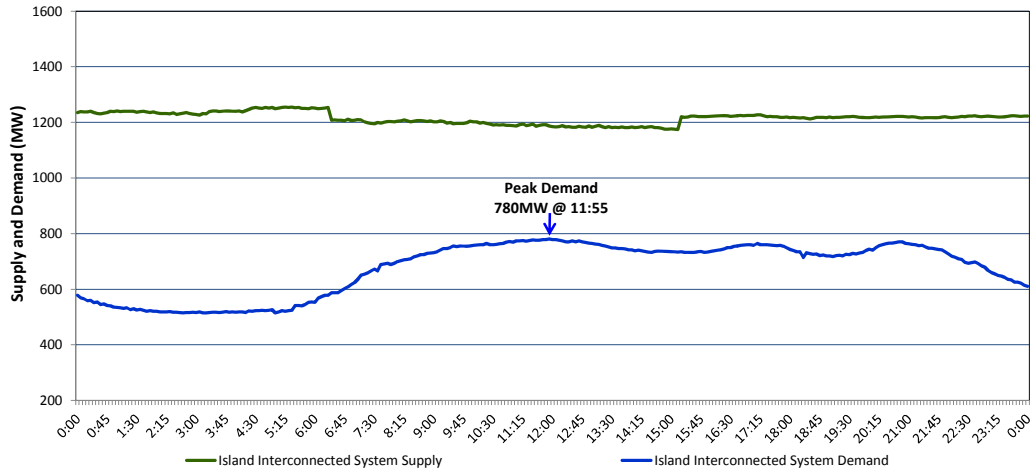


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, September 03, 2015**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, September 02, 2015**



Supply Notes For September 02, 2015 ^{1,2}

- 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).
- C As of 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
- D As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- E As of 0816 hours, August 07, 2015, Nalcor Grand Falls Unit 9 unavailable (30 MW). Net loss to the system is 4 MW.
- F As of 0912 hours, August 16, 2015, Bay d'Espoir Unit 7 removed from service for annual maintenance (154.4 MW).
- G As of 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- H As of 0955 hours, August 27, 2015, Holyrood Unit 3 derated to 70 MW (150 MW).
- I As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- J At 0623 hours, September 2, 2015, Bay d'Espoir Unit 1 unavailable. Previously derated to 45 MW (76.5 MW).
- K At 0701 hours, September 2, 2015, Star Lake Unit derated to 12 MW (18 MW).
- L At 1510 hours, September 2, 2015, Bay d'Espoir Unit 1 available. Derated to 45 MW (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

| Thu, Sep 03, 2015 | Island System Outlook ³ | Seven-Day Forecast | Temperature (°C) | | Island System Daily Peak Demand (MW) Forecast |
|--|------------------------------------|-------------------------------|------------------|---------|---|
| | | | Morning | Evening | |
| Available Island System Supply: ³ | 1,215 MW | Thursday, September 03, 2015 | 15 | 18 | 790 |
| NLH Generation: ⁴ | 945 MW | Friday, September 04, 2015 | 12 | 12 | 800 |
| NLH Power Purchases: | 80 MW | Saturday, September 05, 2015 | 12 | 13 | 775 |
| Other Island Generation: | 190 MW | Sunday, September 06, 2015 | 10 | 12 | 790 |
| Current St. John's Temperature: | 13 °C | Monday, September 07, 2015 | 11 | 18 | 820 |
| Current St. John's Windchill: | N/A °C | Tuesday, September 08, 2015 | 15 | 13 | 790 |
| 7-Day Island Peak Demand Forecast: | 820 MW | Wednesday, September 09, 2015 | 11 | 12 | 765 |

Supply Notes For September 03, 2015 ³

- Notes:
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - 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, Sep 02, 2015 | Actual Island Peak Demand ⁷ | 11:55 | 780 MW |
| Thu, Sep 03, 2015 | Forecast Island Peak Demand | | 790 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).