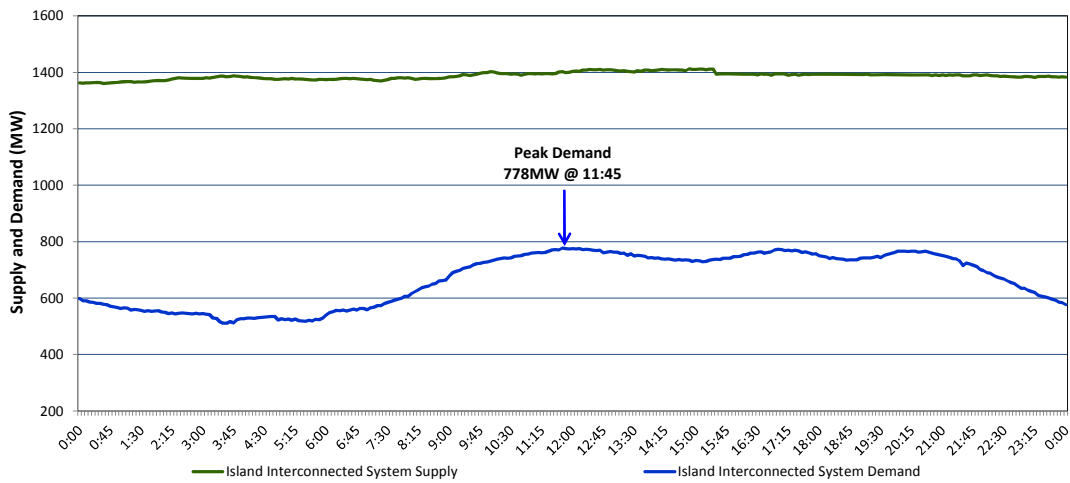


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, September 08, 2015**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, September 07, 2015**



Supply Notes For September 07, 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 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- F As of 0955 hours, August 27, 2015, Holyrood Unit 3 derated to 70 MW (150 MW).
- G As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- H As of 1510 hours, September 02, 2015, Bay d'Espoir Unit 1 available. Derated to 45 MW (76.5 MW).
- I At 1525 hours, September 07, 2015, Star Lake Unit unavailable. Previously derated to 12 MW (18 MW).

**Section 2
Island Interconnected Supply and Demand**

Tue, Sep 08, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,365 MW	Tuesday, September 08, 2015	10	7	805
NLH Generation: ⁴	1,100 MW	Wednesday, September 09, 2015	8	11	810
NLH Power Purchases:	80 MW	Thursday, September 10, 2015	15	20	760
Other Island Generation:	185 MW	Friday, September 11, 2015	15	14	755
Current St. John's Temperature:	9 °C	Saturday, September 12, 2015	15	15	745
Current St. John's Windchill:	N/A °C	Sunday, September 13, 2015	17	14	735
7-Day Island Peak Demand Forecast:	810 MW	Monday, September 14, 2015	12	15	765

Supply Notes For September 08, 2015 ³

- 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).

**Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak**

Mon, Sep 07, 2015	Actual Island Peak Demand ⁷	11:45	778 MW
Tue, Sep 08, 2015	Forecast Island Peak Demand		805 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).