

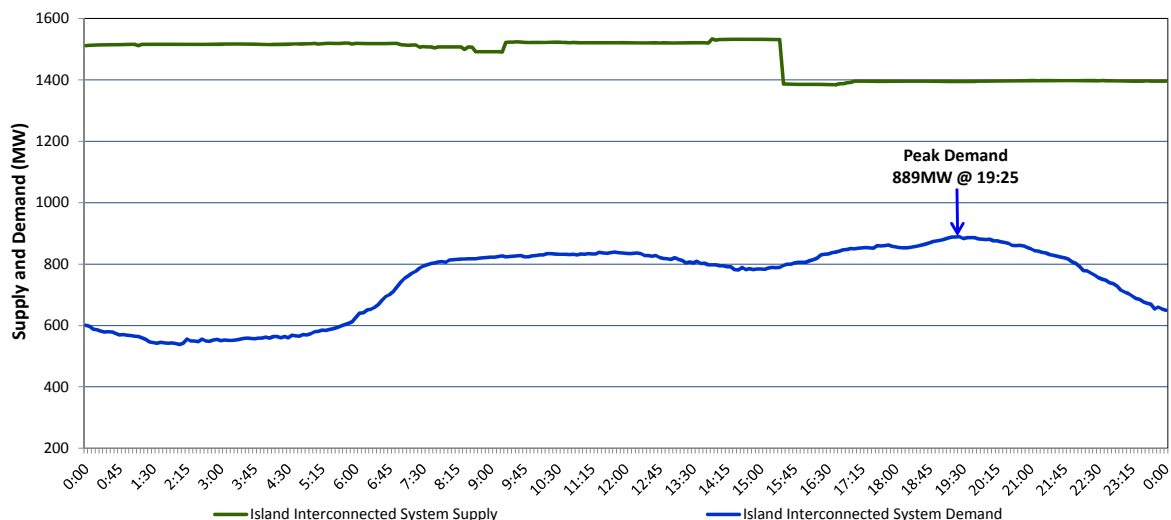
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Thursday, October 08, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Wednesday, October 07, 2015



Supply Notes For October 07, 2015

- A As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
- B As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- C As of 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- D As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- E As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
- F As of 1046 hours, October 05, 2015, Hardwoods Gas Turbine unavailable. Previously derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
- G At 1527 hours, October 07, 2015, Holyrood Unit 3 removed from service for economic dispatch (150 MW).

Section 2

Island Interconnected Supply and Demand

Island Interconnected Supply and Demand						
Thu, Oct 08, 2015	Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	Forecast
Available Island System Supply: ⁵	1,395	MW	Thursday, October 08, 2015	10	10	875
NLH Generation: ⁴	1,120	MW	Friday, October 09, 2015	6	7	920
NLH Power Purchases:	95	MW	Saturday, October 10, 2015	10	12	875
Other Island Generation:	180	MW	Sunday, October 11, 2015	5	7	930
Current St. John's Temperature:	9	°C	Monday, October 12, 2015	8	10	870
Current St. John's Windchill:	N/A	°C	Tuesday, October 13, 2015	11	12	850
7-Day Island Peak Demand Forecast:	930	MW	Wednesday, October 14, 2015	13	16	835

Supply Notes For October 08, 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. 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, Oct 07, 2015	Actual Island Peak Demand ⁷	19:25	889 MW
Thu, Oct 08, 2015	Forecast Island Peak Demand		875 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).