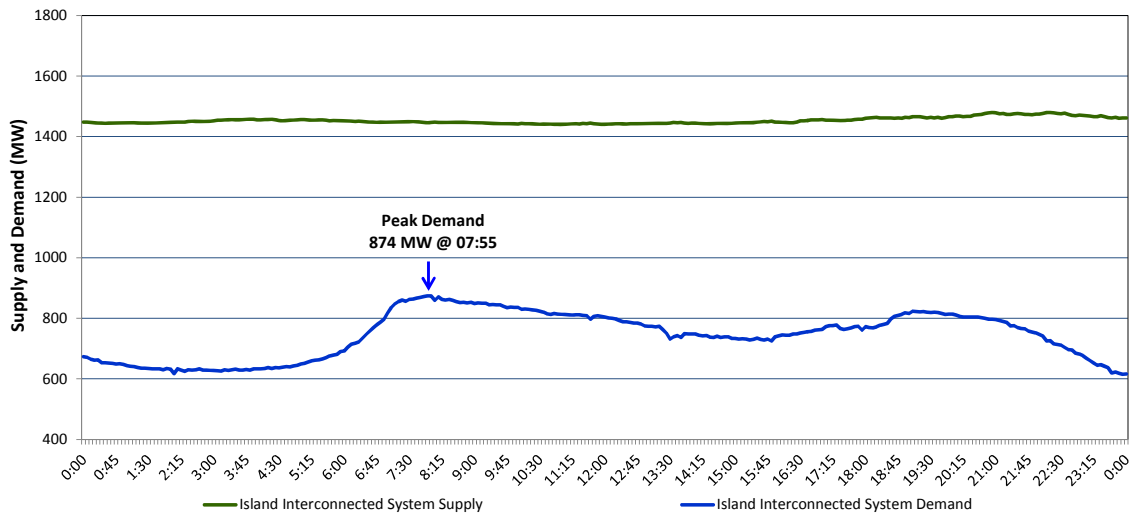


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, October 14, 2015**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, October 13, 2015**



Supply Notes For October 13, 2015

- 1,2
- 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 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
 - D** As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
 - E** As of 1527 hours, October 07, 2015, Holyrood Unit 3 removed from service for economic dispatch (150 MW).
 - F** As of 0810 hours, October 08, 2015, St. Anthony Unit 544 (G6) unavailable (2 MW).
 - G** As of 1608 hours, October 09, 2015, Hardwoods Gas Turbine available. Derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
 - H** As of 1610 hours, October 11, 2015, Bay d'Espoir Unit 3 unavailable (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Oct 14, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,475 MW	Wednesday, October 14, 2015	16	16	820
NLH Generation: ⁴	1,155 MW	Thursday, October 15, 2015	15	12	835
NLH Power Purchases:	115 MW	Friday, October 16, 2015	6	7	945
Other Island Generation:	205 MW	Saturday, October 17, 2015	10	6	925
Current St. John's Temperature:	16 °C	Sunday, October 18, 2015	4	6	1,020
Current St. John's Windchill:	N/A °C	Monday, October 19, 2015	8	6	1,050
7-Day Island Peak Demand Forecast:	1,050 MW	Tuesday, October 20, 2015	6	3	1,040

Supply Notes For October 14, 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**

Tue, Oct 13, 2015	Actual Island Peak Demand ⁷	07:55	874 MW
Wed, Oct 14, 2015	Forecast Island Peak Demand		820 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).