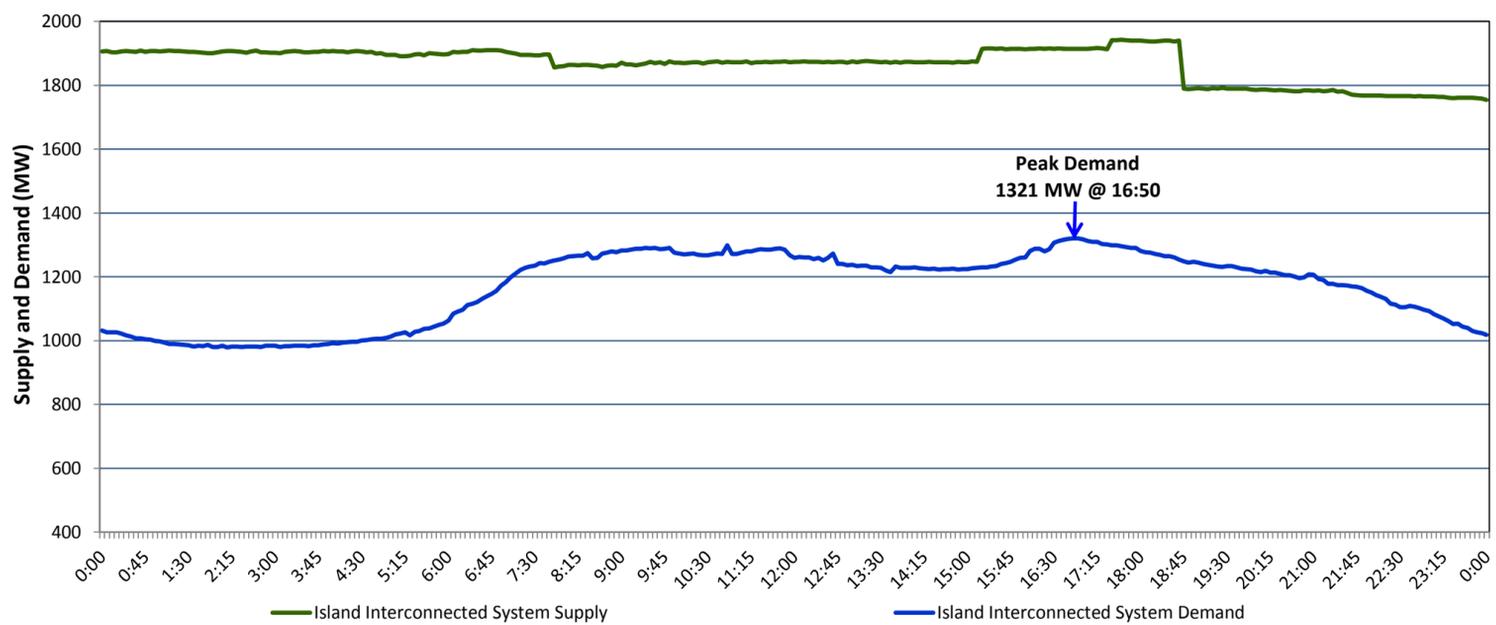


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, December 05, 2016**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Friday, December 02, 2016**



Supply Notes For December 02, 2016

- 1,2
- A As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
 - B As of 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).
 - C As of 1316 hours, July 15, 2016, Nalcor Exploits Grand Falls Unit 4 unavailable. Net impact to the Island Interconnected System is 7 MW.
 - D As of 1719 hours, September 09, 2016, Nalcor Exploits Bishop's Falls plant unit 9 unavailable. No net impact to the Island Interconnected System.
 - E As of 2132 hours, October 10, 2016, Nalcor Exploits Bishop's Falls plant unit 8 unavailable. Net impact to the Island Interconnected System is 1 MW.
 - F As of 1007 hours, November 04, 2016, Nalcor Exploits Bishop's Falls plant unit 2 unavailable. Net impact to the Island Interconnected System is 2 MW.
 - G As of 1245 hours, November 13, 2016, Star Lake Unit unavailable (18 MW).
 - H As of 0842 hours, November 19, 2016, Hardwoods Gas Turbine End A unavailable. Previously derated to to 19 MW (25 MW).
 - I As of 0746 hours, November 27, 2016, Stephenville Gas Turbine End B unavailable (25 MW).
 - J As of 1525 hours, November 30, 2016, Nalcor Exploits Bishop's Falls Unit 6 unavailable. Net impact to the Island Interconnected System is 2 MW.
 - K At 0745 hours, December 02, 2016, Granite Canal Unit unavailable (40 MW).
 - L At 1512 hours, December 02, 2016, Granite Canal Unit available (40 MW).
 - M At 1729 hours, December 02, 2016, Hardwoods Gas Turbine End B available (25 MW).
 - N At 1844 hours, December 02, 2016, Holyrood Unit 3 unavailable (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Dec 03, 2016	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,770 MW	Saturday, December 03, 2016	3	2	1,330	1,234
NLH Generation: ⁴	1,470 MW	Sunday, December 04, 2016	1	1	1,370	1,274
NLH Power Purchases: ⁶	95 MW	Monday, December 05, 2016	-3	-4	1,455	1,358
Other Island Generation:	205 MW	Tuesday, December 06, 2016	-6	-4	1,455	1,358
Current St. John's Temperature:	2 °C	Wednesday, December 07, 2016	-5	-3	1,515	1,417
Current St. John's Windchill:	N/A °C	Thursday, December 08, 2016	-4	-3	1,380	1,284
7-Day Island Peak Demand Forecast:	1,515 MW	Friday, December 09, 2016	1	5	1,295	1,200

Supply Notes For December 03, 2016

- 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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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).
 6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
 7. Adjusted for CBP&P interruptible load and the impact of voltage reduction, when applicable.

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

Fri, Dec 02, 2016	Actual Island Peak Demand ⁸	16:50	1,321 MW
Sat, Dec 03, 2016	Forecast Island Peak Demand		1,330 MW

Notes: 8. 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).