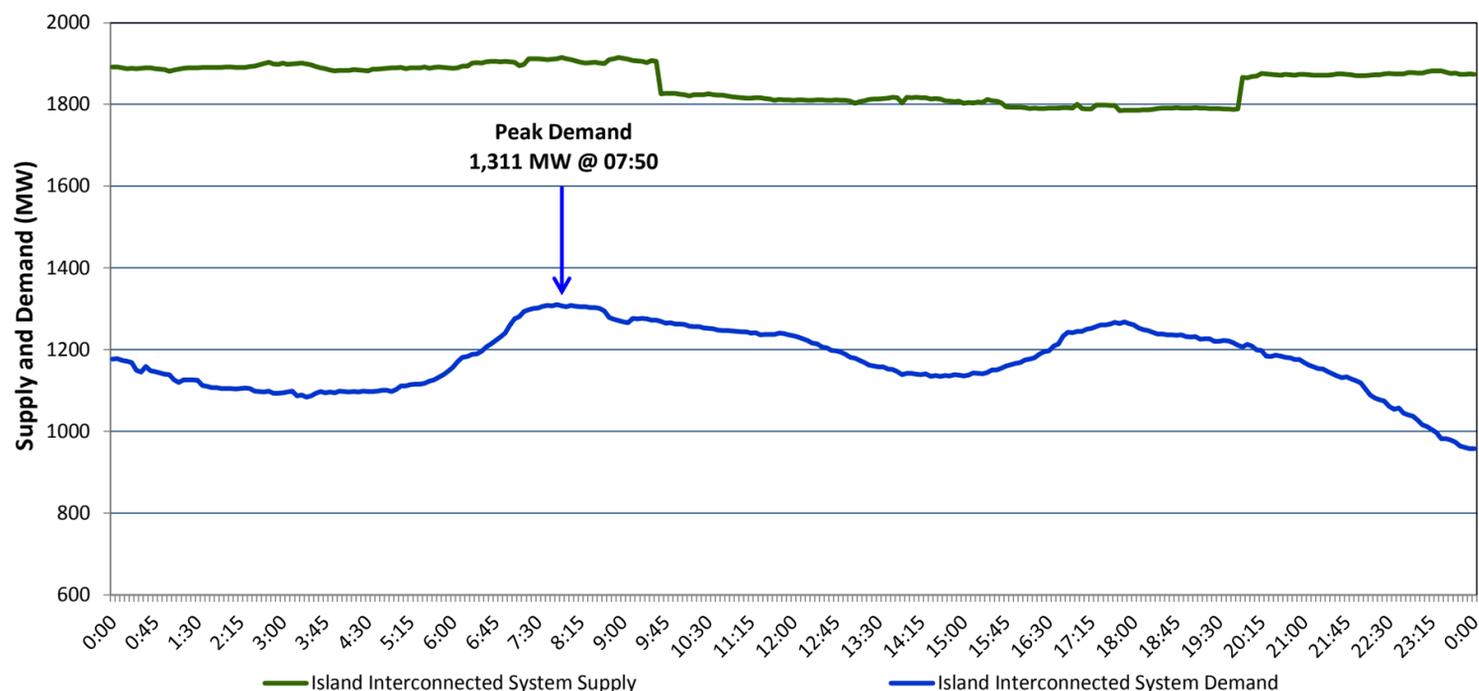


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, January 29, 2015**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, January 28, 2015**



Supply Notes for January 28, 2015^{1,2}

- A As of 1315 hours, December 15, 2014, the Stephenville Gas Turbine End 'B' unavailable (25 MW).
- B At 0939 hours, January 28, 2015, Bay d'Espoir Unit 4 was removed from service for maintenance (76.5 MW).
- C At 1741 hours, January 28, 2015, Nalcor Exploits Unit 4 unavailable due to icing issues (30 MW). Net impact to system 4 MW (the excess water utilised by other Nalcor Grand Falls Units 5 to 8).
- D At 1951 hours, January 28, 2015, Bay d'Espoir Unit 4 was returned to service (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Thu, Jan 29, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁶
Available Island System Supply: ⁵	1,905 MW	Thursday, January 29, 2015	4	-1	1,335	1,240
NLH Generation: ⁴	1,545 MW	Friday, January 30, 2015	-2	-1	1,375	1,280
NLH Power Purchases:	145 MW	Saturday, January 31, 2015	-4	-1	1,410	1,315
Other Island Generation:	215 MW	Sunday, February 01, 2015	4	-1	1,305	1,210
Current St. John's Temperature:	3 °C	Monday, February 02, 2015	-6	-8	1,585	1,485
Current St. John's Windchill:	N/A °C	Tuesday, February 03, 2015	-7	-3	1,590	1,490
7-Day Island Peak Demand Forecast:	1,590 MW	Wednesday, February 04, 2015	-9	-3	1,550	1,450

Supply Notes for January 29, 2015³

- 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).
 6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

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

Wed, Jan 28, 2015	Actual Island Peak Demand ⁷	07:50	1,311 MW
Thu, Jan 29, 2015	Forecast Island Peak Demand		1,335 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).