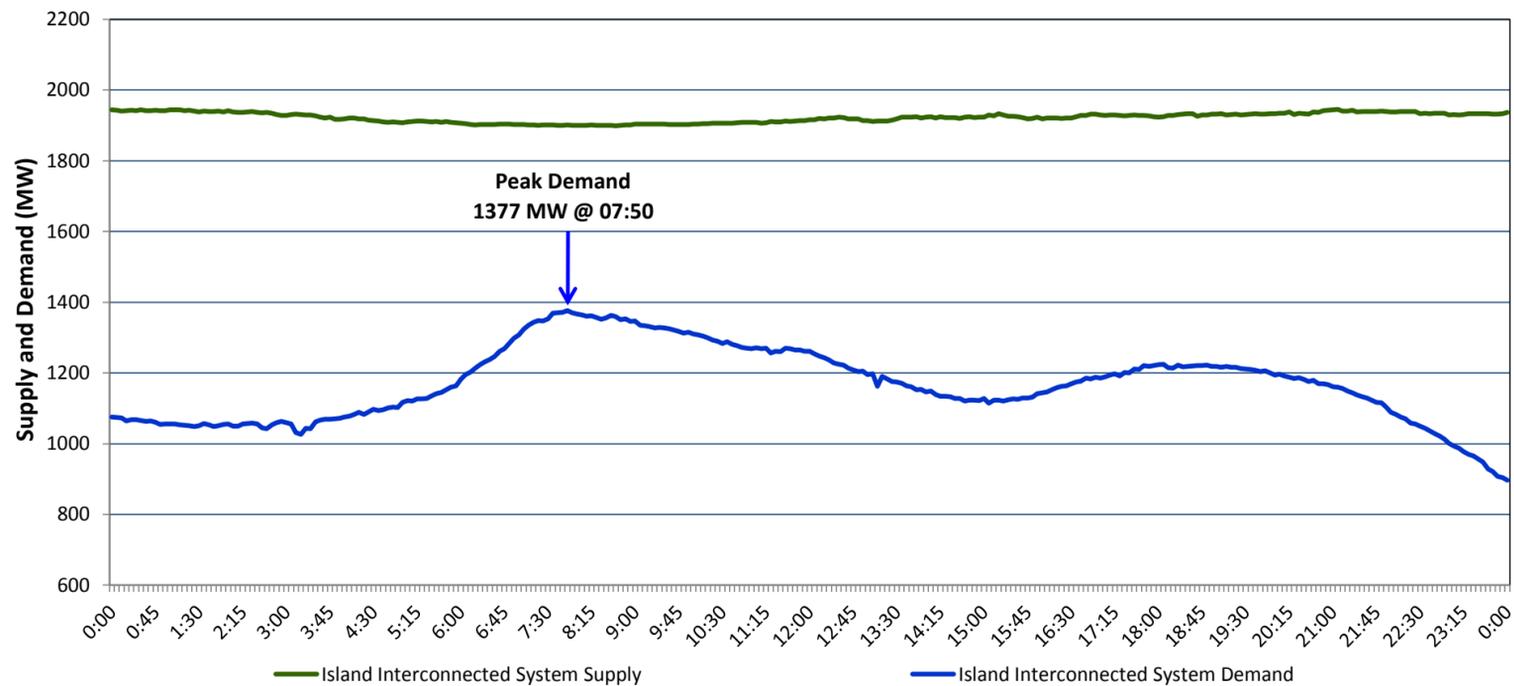


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, March 01, 2016**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, February 29, 2016**



Supply Notes For February 29, 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 0710 hours, February 08, 2016, Holyrood Unit 2 derated to 120 MW (170 MW).
- C As of 2010 hours, February 26, 2016, Holyrood Unit 1 derated to 120 MW (170 MW).
- D At 0628 hours, February 29, 2016, Hardwoods Gas Turbine derated to 19 MW, previously derated to 38 MW (50 MW). End A 19 MW, End B unavailable 25 MW.
- E At 0732 hours, February 29, 2016, Hardwoods Gas Turbine derated to 38 MW, previously derated to 19 MW (50 MW). End A 19 MW, End B available 25 MW.

**Section 2
Island Interconnected Supply and Demand**

Tue, Mar 01, 2016	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	1,955 MW	Tuesday, March 01, 2016	6	1	1,290	1,195
NLH Generation: ⁴	1,580 MW	Wednesday, March 02, 2016	-6	-2	1,420	1,323
NLH Power Purchases: ⁷	170 MW	Thursday, March 03, 2016	1	1	1,315	1,220
Other Island Generation:	205 MW	Friday, March 04, 2016	-4	-2	1,425	1,328
Current St. John's Temperature:	6 °C	Saturday, March 05, 2016	-3	3	1,340	1,244
Current St. John's Windchill:	N/A °C	Sunday, March 06, 2016	0	-2	1,325	1,230
7-Day Island Peak Demand Forecast:	1,460 MW	Monday, March 07, 2016	-5	-5	1,460	1,363

Supply Notes For March 01, 2016

- 3
- F At 0721 hours, March 01, 2016, Paradise River Unit unavailable (8 MW).
- G At 0746 hours, March 01, 2016, Paradise River Unit available (8 MW).

- 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. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.
 7. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance, and Wind Generation.

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

Mon, Feb 29, 2016	Actual Island Peak Demand ⁸	07:50	1,377 MW
Tue, Mar 01, 2016	Forecast Island Peak Demand		1,290 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).