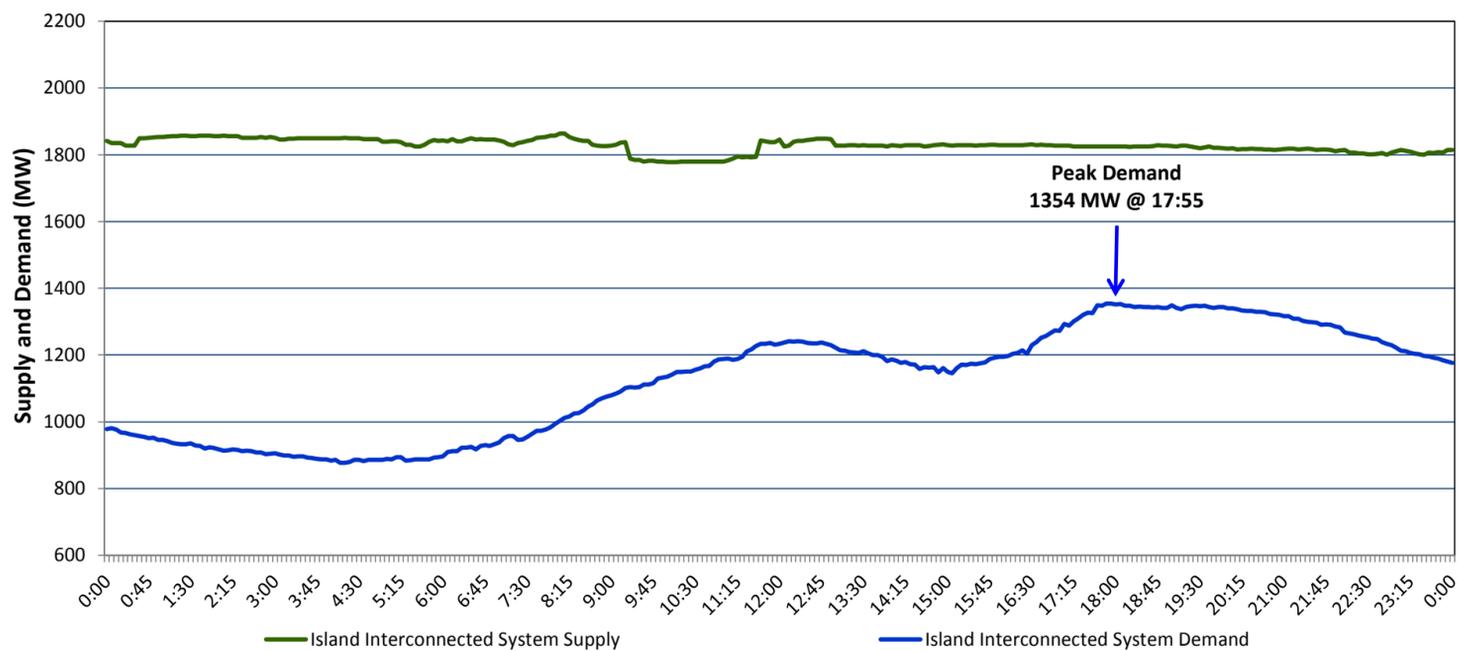


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, February 08, 2016**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, February 06, 2016**



Supply Notes For February 06, 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 1120 hours, February 05, 2016, Holyrood Unit 1 derated to 140 MW. Previously derated to 120 MW (170 MW).
 - C At 0517 hours, February 06, 2016, Paradise River Unit unavailable (8 MW).
 - D At 0536 hours, February 06, 2016, Paradise River Unit available (8 MW).
 - E At 0916 hours, February 06, 2016, Hardwoods Gas Turbine End A and B unavailable (50 MW).
 - F At 1138 hours, February 06, 2016, Hardwoods Gas Turbine End A and B available (50 MW).
 - G At 1156 hours, February 06, 2016, Hardwoods Gas Turbine End A unavailable (25 MW).
 - H At 1231 hours, February 06, 2016, Paradise River Unit unavailable (8 MW).
 - I At 1254 hours, February 06, 2016, Paradise River Unit available (8 MW).
 - J At 2358 hours, February 06, 2016, Holyrood Unit 2 derated to 80 MW. Previously derated to 70 MW (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Sun, Feb 07, 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	1,855 MW	Sunday, February 07, 2016	-6	-3	1,400	1,304
NLH Generation: ⁴	1,550 MW	Monday, February 08, 2016	-8	-6	1,555	1,457
NLH Power Purchases: ⁷	100 MW	Tuesday, February 09, 2016	-2	1	1,460	1,363
Other Island Generation:	205 MW	Wednesday, February 10, 2016	-1	-2	1,425	1,328
Current St. John's Temperature:	-7 °C	Thursday, February 11, 2016	-2	-1	1,370	1,274
Current St. John's Windchill:	-11 °C	Friday, February 12, 2016	-3	-5	1,465	1,368
7-Day Island Peak Demand Forecast:	1,565 MW	Saturday, February 13, 2016	-6	-10	1,565	1,467

Supply Notes For February 07, 2016

- 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 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.

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

Sat, Feb 06, 2016	Actual Island Peak Demand ⁸	17:55	1,354 MW
Sun, Feb 07, 2016	Forecast Island Peak Demand		1,400 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).