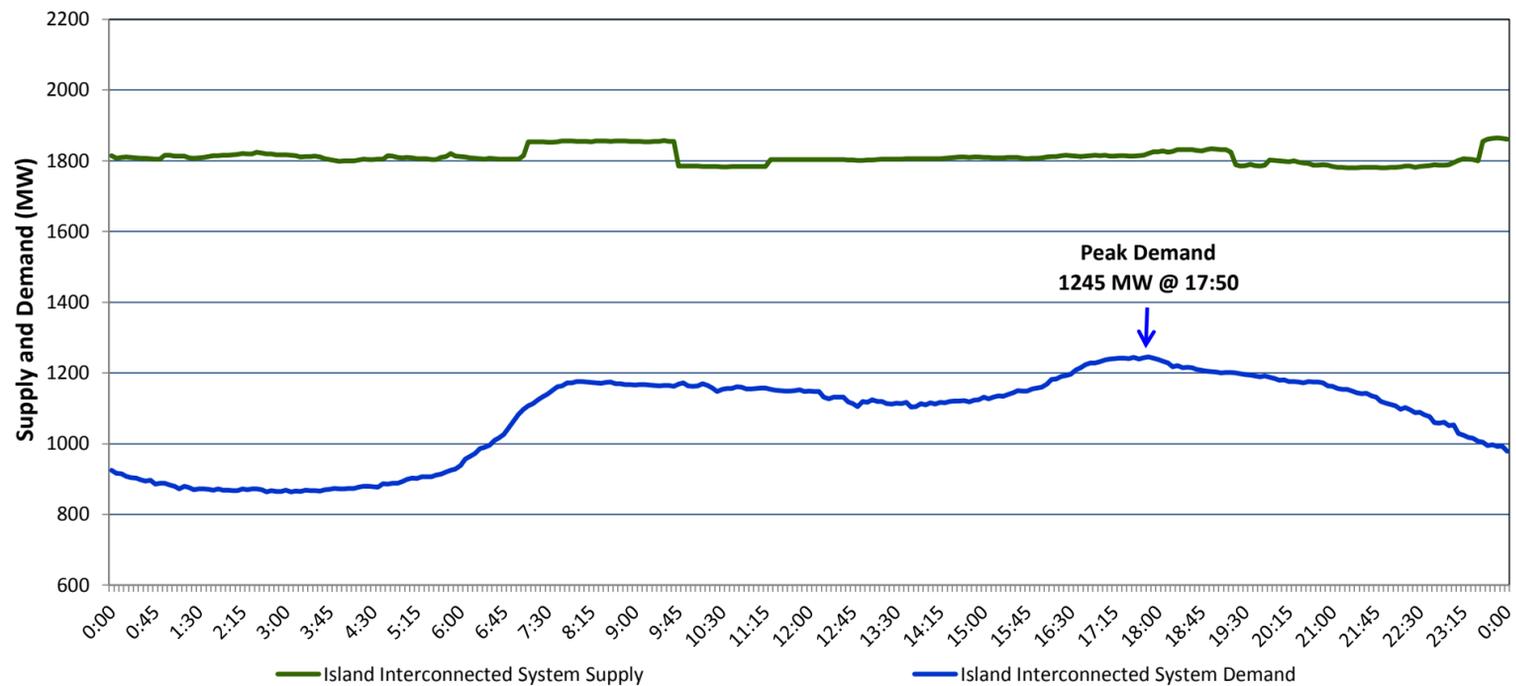


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, February 08, 2016**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Friday, February 05, 2016**



**Supply Notes For February 05, 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 At 0710 hours, February 05, 2016, Holyrood Unit 1 available, derated to 120 MW. Previously derated to 50 MW (170 MW).
  - C At 0942 hours, February 05, 2016, Holyrood Unit 2 derated to 50 MW. Previously derated to 120 MW (170 MW).
  - D At 1120 hours, February 05, 2016, Holyrood Unit 1 derated to 140 MW. Previously derated to 120 MW (170 MW).
  - E At 1916 hours, February 05, 2016, Holyrood Unit 2 unavailable, previously derated to 50 MW (170 MW).
  - F At 2333 hours, February 05, 2016, Holyrood Unit 2 available, derated to 70 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Sat, Feb 06, 2016	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>6</sup>
Available Island System Supply: <sup>5</sup>	1,865 MW	Saturday, February 06, 2016	8	-4	1,405	1,309
NLH Generation: <sup>4</sup>	1,565 MW	Sunday, February 07, 2016	-6	-2	1,390	1,294
NLH Power Purchases: <sup>7</sup>	95 MW	Monday, February 08, 2016	-7	-4	1,515	1,417
Other Island Generation:	205 MW	Tuesday, February 09, 2016	-1	0	1,430	1,333
Current St. John's Temperature:	11 °C	Wednesday, February 10, 2016	-1	-1	1,335	1,239
Current St. John's Windchill:	N/A °C	Thursday, February 11, 2016	-3	-2	1,355	1,259
7-Day Island Peak Demand Forecast:	1,515 MW	Friday, February 12, 2016	-5	-5	1,425	1,328

**Supply Notes For February 06, 2016**

- 3
- G At 0517 hours, February 06, 2016, Paradise River Unit unavailable (8 MW).
  - H At 0536 hours, February 06, 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**

Fri, Feb 05, 2016	Actual Island Peak Demand <sup>8</sup>	17:50	1,245 MW
Sat, Feb 06, 2016	Forecast Island Peak Demand		1,405 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).