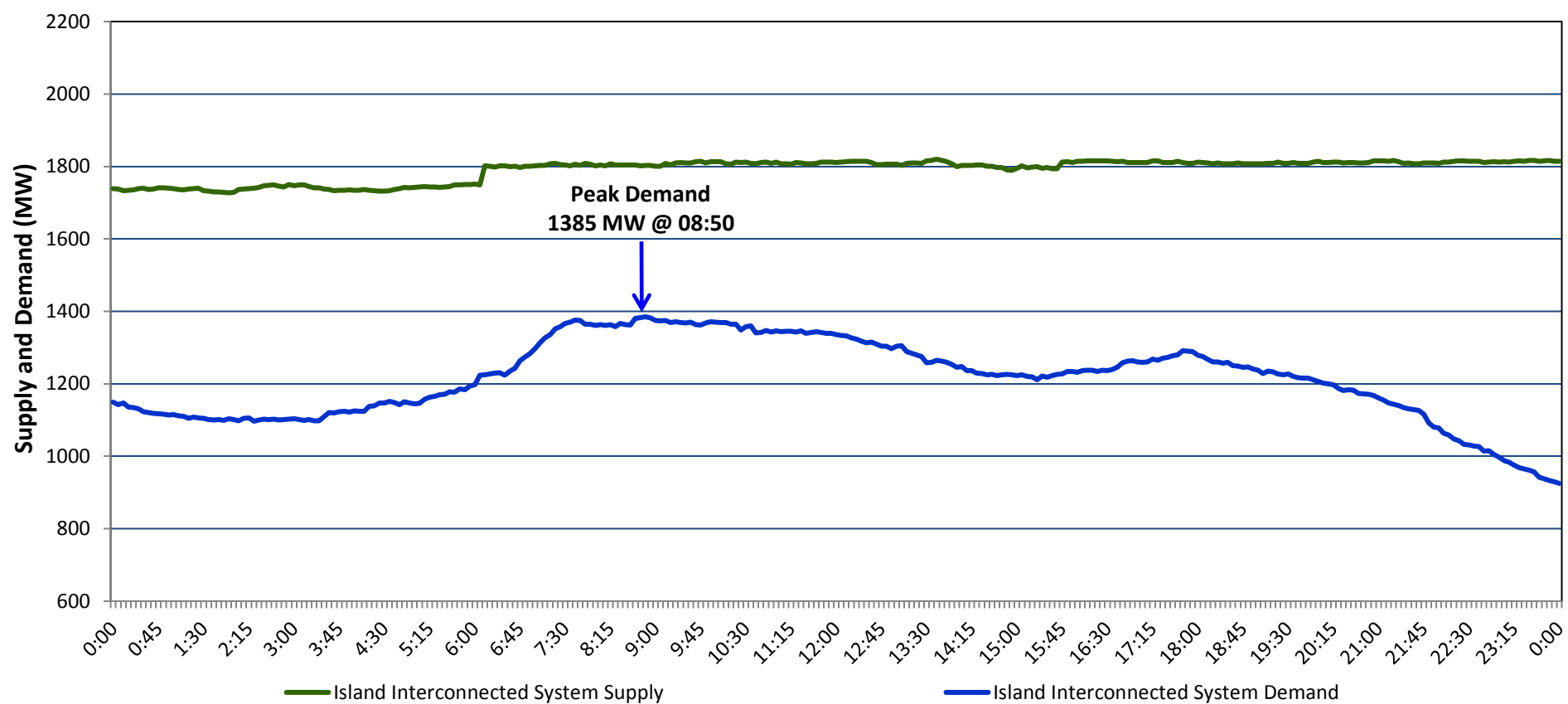


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, February 05, 2016**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, February 04, 2016**



Supply Notes For February 04, 2016

- 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 0604 hours, February 04, 2016, Holyrood Unit 1 available. Derated to 50 MW (170 MW).
 C At 1545 hours, February 04, 2016, Holyrood Unit 2 available, derated to 120 MW. Previously derated to 100 MW (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Fri, Feb 05, 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	1,875 MW	Friday, February 05, 2016	3	2	1,270	1,175
NLH Generation: ⁴	1,595 MW	Saturday, February 06, 2016	8	-5	1,450	1,353
NLH Power Purchases: ⁷	80 MW	Sunday, February 07, 2016	-7	-3	1,380	1,284
Other Island Generation:	200 MW	Monday, February 08, 2016	-4	-4	1,465	1,368
Current St. John's Temperature:	2 °C	Tuesday, February 09, 2016	-2	-1	1,485	1,388
Current St. John's Windchill:	N/A °C	Wednesday, February 10, 2016	-1	1	1,370	1,274
7-Day Island Peak Demand Forecast:	1,485 MW	Thursday, February 11, 2016	-1	-2	1,350	1,254

Supply Notes For February 05, 2016

- D At 0710 hours, February 05, 2016, Holyrood Unit 1 available, derated to 120 MW. Previously derated to 50 MW (170 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**

Thu, Feb 04, 2016	Actual Island Peak Demand ⁸	08:50	1,385 MW
Fri, Feb 05, 2016	Forecast Island Peak Demand		1,270 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).