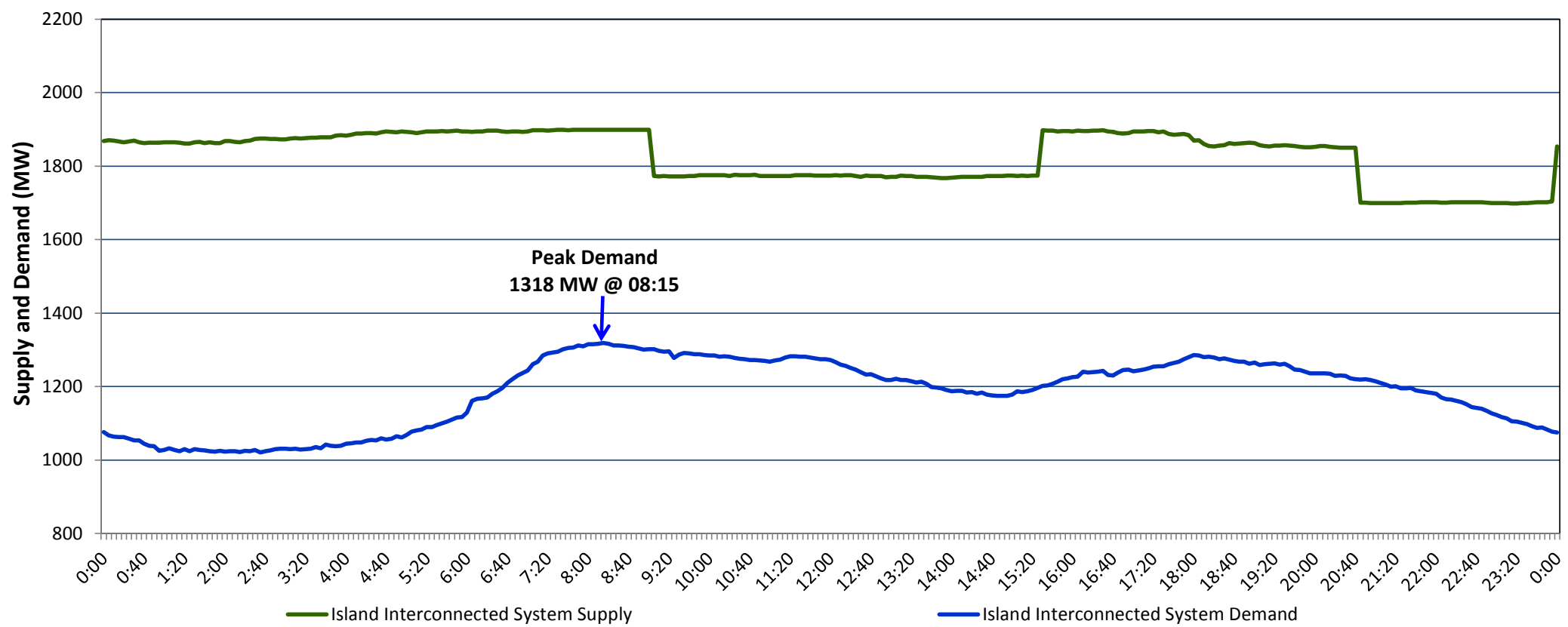


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, February 27, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Friday, February 24, 2017**



Supply Notes For February 24, 2017

- ^{1,2}
- A As of 1513 hours, February 09, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
 - B As of 1800 hours, February 14, 2017, Holyrood Unit 1 available at 145 MW (170 MW).
 - C As of 1238 hours, February 19, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
 - D As of 0720 hours, February 22, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
 - E As of 1150 hours, February 22, 2017, Bay d'Espoir Unit 6 unavailable (76.5 MW).
 - F At 0905 hours, February 24, 2017 Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).
 - G At 1529 hours, February 24, 2017 Holyrood Combustion Turbine available (123.5 MW).
 - H At 2043 hours, February 24, 2017 Holyrood Unit 3 unavailable due to planned outage (150 MW).
 - I At 2357 hours, February 24, 2017 Holyrood Unit 3 available (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Feb 25, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,925 MW	Saturday, February 25, 2017	0	-2	1,370	1,263
NLH Generation: ⁴	1,610 MW	Sunday, February 26, 2017	2	5	1,270	1,164
NLH Power Purchases: ⁶	105 MW	Monday, February 27, 2017	-3	-3	1,440	1,332
Other Island Generation:	210 MW	Tuesday, February 28, 2017	-5	-6	1,495	1,387
Current St. John's Temperature:	0 °C	Wednesday, March 01, 2017	-6	-2	1,480	1,372
Current St. John's Windchill:	N/A °C	Thursday, March 02, 2017	-1	1	1,360	1,253
7-Day Island Peak Demand Forecast:	1,495 MW	Friday, March 03, 2017	2	-5	1,480	1,372

Supply Notes For February 25, 2017

- ³
- J At 0417 hours, February 25, 2017, Bay d'Espoir Unit 6 available (76.5 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. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
 7. Adjusted for CBP&P, Praxair and Vale interruptible load as well as the impact of voltage reduction, when applicable.

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

Fri, Feb 24, 2017	Actual Island Peak Demand ⁸	08:15	1,318 MW
Sat, Feb 25, 2017	Forecast Island Peak Demand		1,370 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).