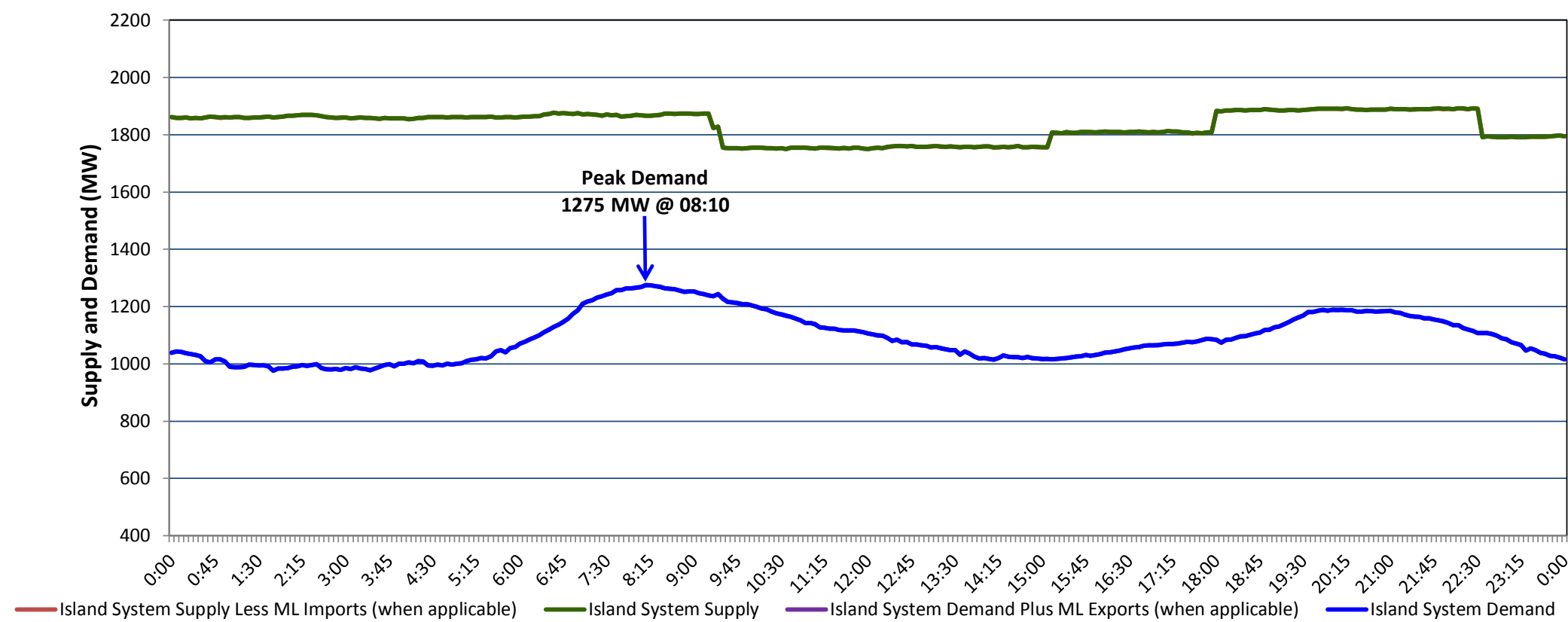


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, March 14, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Tuesday, March 13, 2018**



**Supply Notes For March 13, 2018**

- 1,2
- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
  - B As of 0844 hours, March 01, 2018, Holyrood Unit 1 available at 148 MW (170 MW).
  - C As of 1733 hours, March 06, 2018, Holyrood Unit 2 available at 100 MW (170 MW).
  - D At 0916 hours, March 13, 2018, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
  - E At 0929 hours, March 13, 2018, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
  - F At 1508 hours, March 13, 2018, Hardwoods Gas Turbine available (50 MW).
  - G At 1800 hours, March 13, 2018, Bay d'Espoir Unit 5 available (76.5 MW).
  - H At 2231 hours, March 13, 2018, Holyrood Unit 3 removed from service for economic dispatch 100 MW (150 MW).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Mar 14, 2018	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,770 MW	Wednesday, March 14, 2018	0	1	1,325	1,219
NLH Generation: <sup>4</sup>	1,425 MW	Thursday, March 15, 2018	2	0	1,260	1,154
NLH Power Purchases: <sup>6</sup>	135 MW	Friday, March 16, 2018	0	-1	1,275	1,169
Maritime Link Imports:	- MW	Saturday, March 17, 2018	0	-2	1,265	1,159
Other Island Generation:	210 MW	Sunday, March 18, 2018	-2	-4	1,360	1,253
Current St. John's Temperature & Windchill: -1 °C	-8 °C	Monday, March 19, 2018	-4	-2	1,425	1,317
7-Day Island Peak Demand Forecast:	1,425 MW	Tuesday, March 20, 2018	-1	-3	1,300	1,194

**Supply Notes For March 14, 2018**

- 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 System having no synchronous connections to 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, Wind Generation, Vale capacity assistance (when applicable).
  7. Adjusted for CBP&P, Vale and Praxair interruptible load, Maritime Link Exports and the impact of voltage reduction (when applicable).

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

Tue, Mar 13, 2018	Actual Island Peak Demand <sup>8</sup>	08:10	1,275 MW
Wed, Mar 14, 2018	Forecast Island Peak Demand		1,325 MW

- Notes: 8. Island Demand / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).