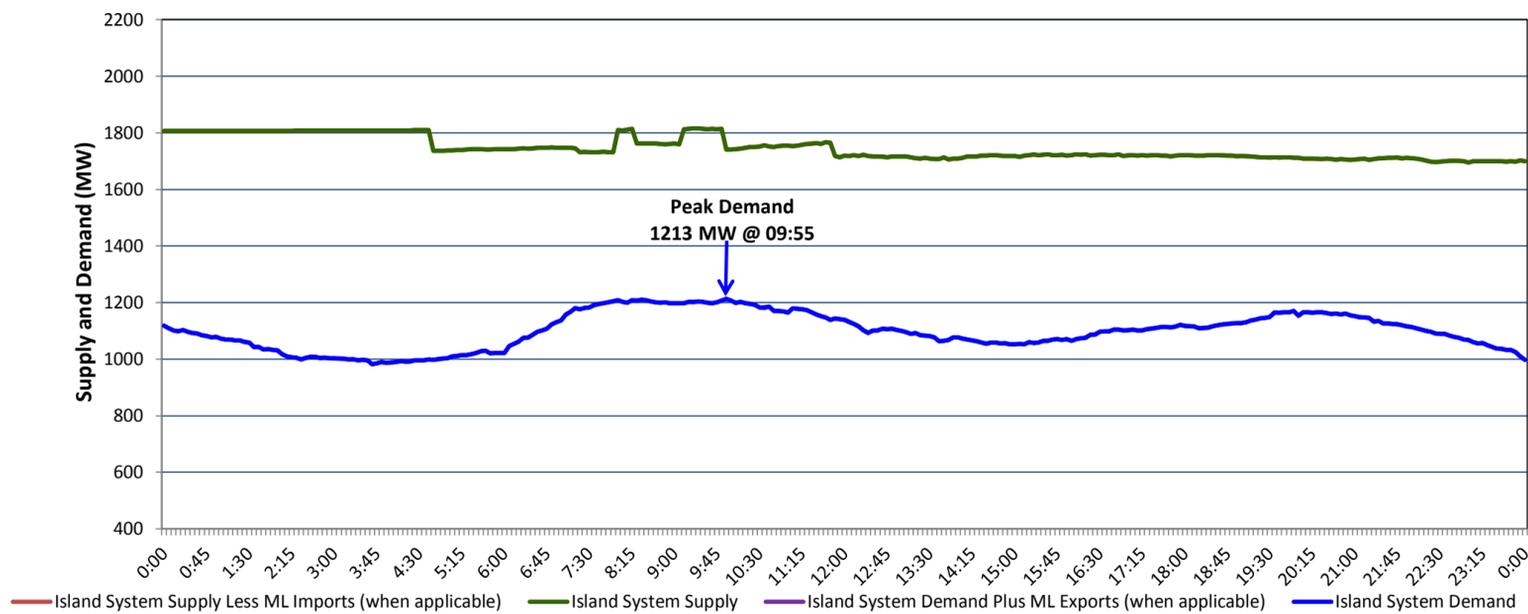


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, March 26, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Friday, March 23, 2018**



**Supply Notes For March 23, 2018**

- 1,2
- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
  - B As of 1123 hours, March 22, 2018, Holyrood Unit 1 available at 137 MW (170 MW).
  - C As of 1956 hours, March 22, 2018, Holyrood Unit 2 available at 100 MW (170 MW).
  - D At 0443 hours, March 23, 2018, Hinds Lake Unit unavailable (75 MW).
  - E At 0759 hours, March 23, 2018, Hinds Lake Unit available (75 MW).
  - F At 0817 hours, March 23, 2018, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
  - G At 0907 hours, March 23, 2018, Hardwoods Gas Turbine available (50 MW).
  - H At 0952 hours, March 23, 2018, Holyrood Unit 3 removed from service for economic dispatch 75 MW (150 MW).
  - I At 1148 hours, March 23, 2018, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Sat, Mar 24, 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>	1,690 MW	Saturday, March 24, 2018	0	-2	1,290	1,184
NLH Generation: <sup>4</sup>	1,365 MW	Sunday, March 25, 2018	-2	-3	1,400	1,293
NLH Power Purchases: <sup>6</sup>	110 MW	Monday, March 26, 2018	-4	-4	1,415	1,307
Maritime Link Imports:	- MW	Tuesday, March 27, 2018	-3	-2	1,370	1,263
Other Island Generation:	215 MW	Wednesday, March 28, 2018	0	1	1,265	1,159
Current St. John's Temperature & Windchill: 0 °C	-5 °C	Thursday, March 29, 2018	6	7	1,085	981
7-Day Island Peak Demand Forecast:	1,415 MW	Friday, March 30, 2018	9	8	985	882

**Supply Notes For March 24, 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**

Fri, Mar 23, 2018	Actual Island Peak Demand <sup>8</sup>	09:55	1,213 MW
Sat, Mar 24, 2018	Forecast Island Peak Demand		1,290 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).