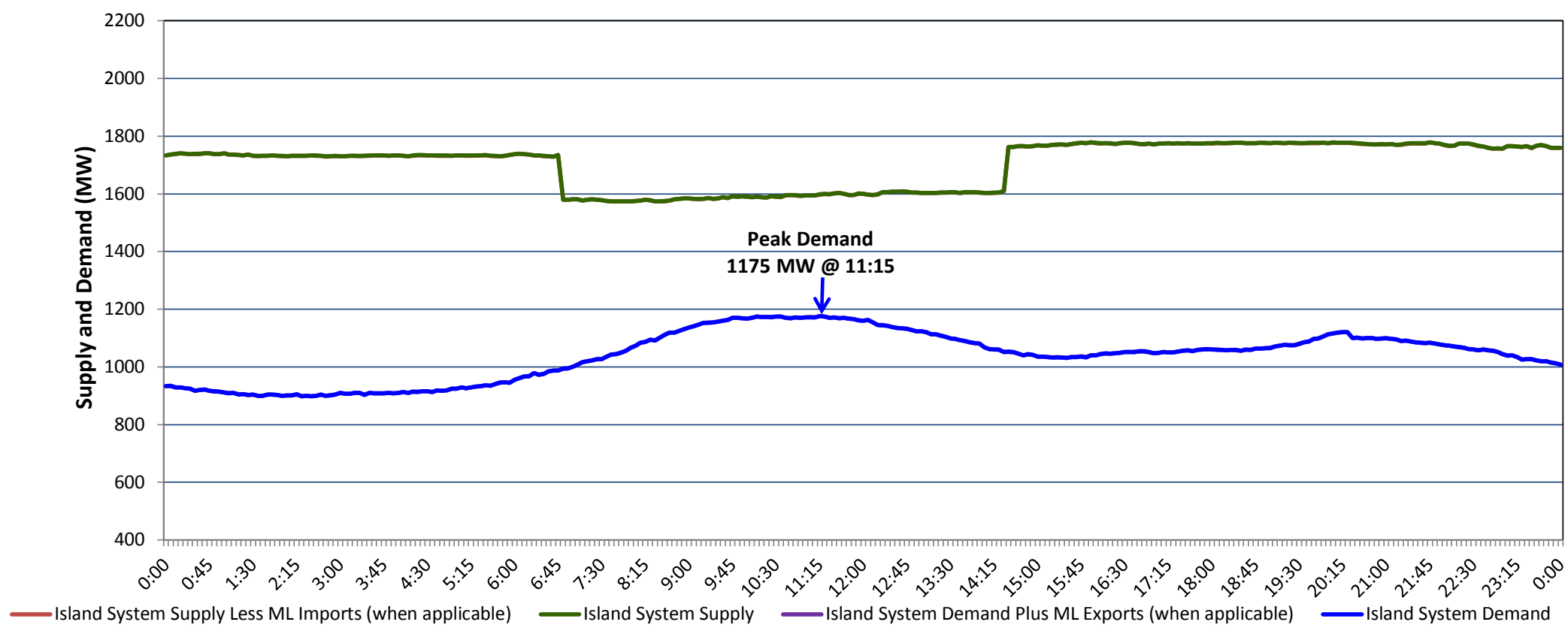


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, April 02, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Saturday, March 31, 2018**



**Supply Notes For March 31, 2018**

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- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 0832 hours, March 24, 2018, Holyrood Unit 2 available at 90 MW (170 MW).
- C As of 0325 hours, March 27, 2018, Holyrood Unit 1 available at 137 MW (170 MW).
- D As of 0723 hours, March 30, 2018, Holyrood Unit 3 removed from service for economic dispatch 110 MW (150 MW).
- E At 0650 hours, March 31, 2018, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- F At 1426 hours, March 31, 2018, Bay d'Espoir Unit 7 available (154.4 MW).

**Section 2  
Island Interconnected Supply and Demand**

Sun, Apr 01, 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>	1,780 MW	Sunday, April 01, 2018	-3	2	1,280	1,269
NLH Generation: <sup>4</sup>	1,405 MW	Monday, April 02, 2018	3	0	1,265	1,265
NLH Power Purchases: <sup>6</sup>	160 MW	Tuesday, April 03, 2018	-5	-5	1,430	1,430
Maritime Link Imports:	- MW	Wednesday, April 04, 2018	-4	-2	1,405	1,405
Other Island Generation:	215 MW	Thursday, April 05, 2018	2	5	1,285	1,285
Current St. John's Temperature & Windchill: -3 °C	-12 °C	Friday, April 06, 2018	0	-3	1,290	1,290
7-Day Island Peak Demand Forecast:	1,430 MW	Saturday, April 07, 2018	2	-3	1,290	1,290

**Supply Notes For April 01, 2018**

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- 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 and Maritime Link Exports.

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

Sat, Mar 31, 2018	Actual Island Peak Demand <sup>8</sup>	11:15	1,175 MW
Sun, Apr 01, 2018	Forecast Island Peak Demand		1,280 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).