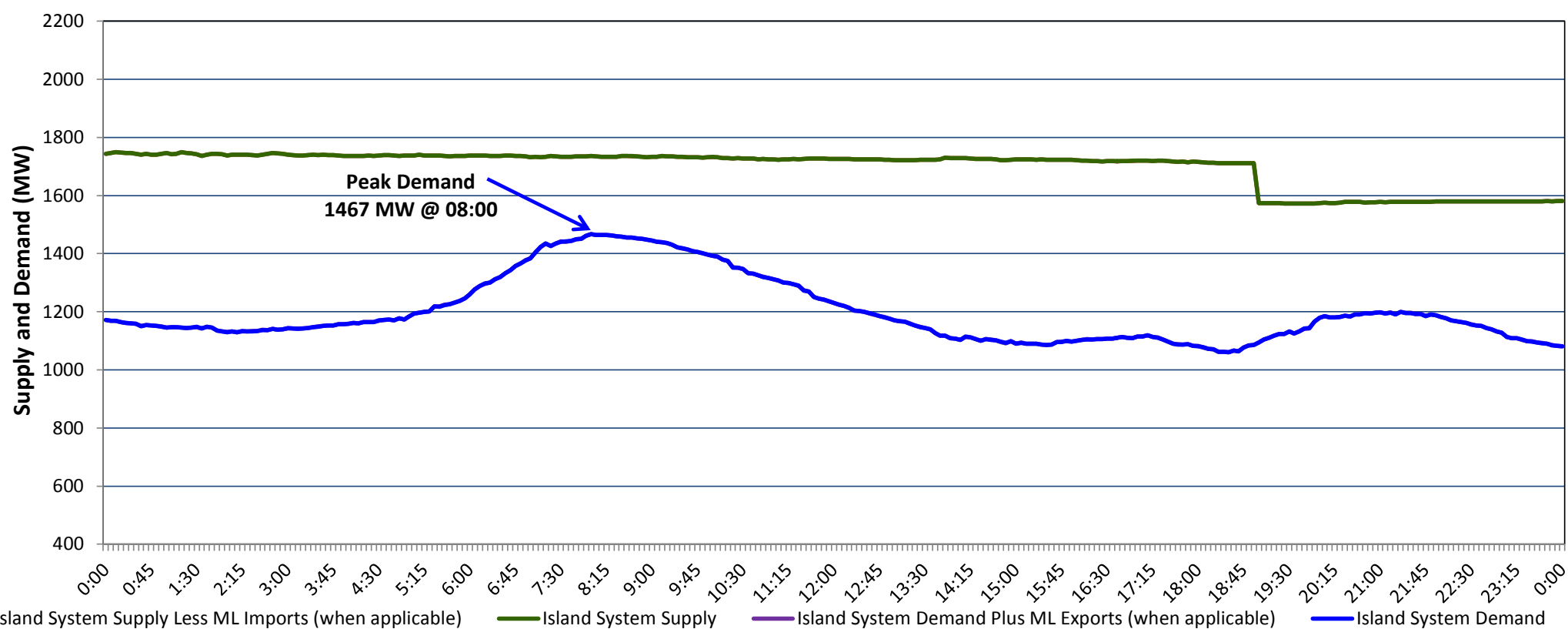


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, March 27, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, March 26, 2018**



**Supply Notes For March 26, 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 0952 hours, March 23, 2018, Holyrood Unit 3 removed from service for economic dispatch 75 MW (150 MW).
- C As of 0832 hours, March 24, 2018, Holyrood Unit 2 available at 90 MW (170 MW).
- D At 1857 hours, March 26, 2018, Holyrood Unit 1 unavailable 137 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Tue, Mar 27, 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>	1,850 MW	Tuesday, March 27, 2018	-3	0	1,425	1,317
NLH Generation: <sup>4</sup>	1,405 MW	Wednesday, March 28, 2018	0	5	1,365	1,258
NLH Power Purchases: <sup>6</sup>	175 MW	Thursday, March 29, 2018	4	1	1,130	1,026
Maritime Link Imports:	65 MW	Friday, March 30, 2018	1	1	1,185	1,080
Other Island Generation:	205 MW	Saturday, March 31, 2018	1	6	1,150	1,046
Current St. John's Temperature & Windchill:	-5 °C	Sunday, April 01, 2018	0	2	1,355	1,344
7-Day Island Peak Demand Forecast:	1,425 MW	Monday, April 02, 2018	2	-4	1,190	1,179

**Supply Notes For March 27, 2018**

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- E At 0325 hours, March 27, 2018, Holyrood Unit 1 available at 137 MW (170 MW).

- Notes:
- 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.
  - 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.
  - As of 0800 Hours.
  - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
  - Gross output from all Island sources (including Note 4).
  - NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
  - 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**

Mon, Mar 26, 2018	Actual Island Peak Demand <sup>8</sup>	08:00	1,467 MW
Tue, Mar 27, 2018	Forecast Island Peak Demand		1,425 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).