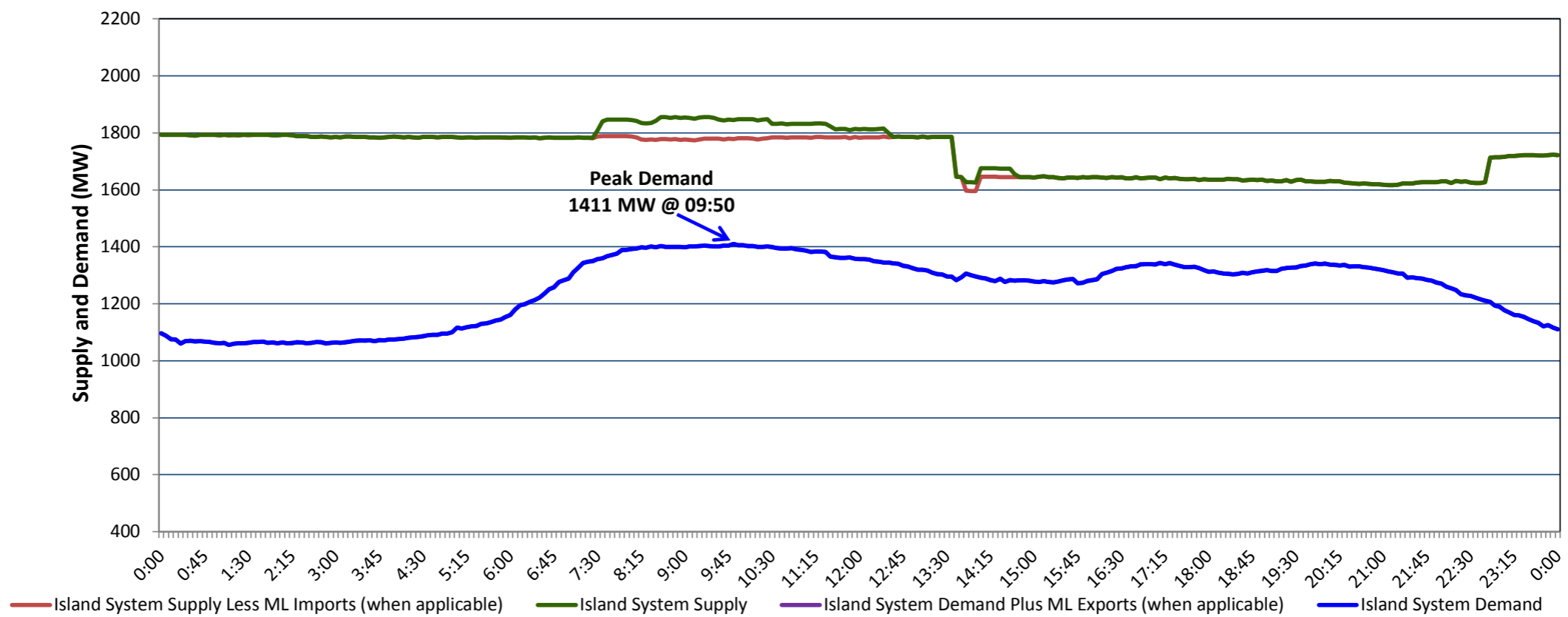


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, March 20, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Monday, March 19, 2018**



Supply Notes For March 19, 2018

1,2

- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 1733 hours, March 06, 2018, Holyrood Unit 2 available at 100 MW (170 MW).
- C At 0811 hours, March 19, 2018, Holyrood Unit 1 available at 140 MW (170 MW).
- D At 1337 hours, March 19, 2018, Holyrood Unit 1 unavailable 140 MW (170 MW).
- E At 1346 hours, March 19, 2018, Hardwoods Gas Turbine unavailable (50 MW).
- F At 1403 hours, March 19, 2018, Hardwoods Gas Turbine available (50 MW).
- G At 2245 hours, March 19, 2018, Holyrood Unit 3 returned to service at 95 MW (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Tue, Mar 20, 2018	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	1,765 MW	Tuesday, March 20, 2018	-3	-2	1,400	1,293
NLH Generation: ⁴	1,375 MW	Wednesday, March 21, 2018	-1	-1	1,360	1,253
NLH Power Purchases: ⁶	155 MW	Thursday, March 22, 2018	-1	4	1,380	1,273
Maritime Link Imports:	30 MW	Friday, March 23, 2018	2	0	1,280	1,174
Other Island Generation:	205 MW	Saturday, March 24, 2018	0	-1	1,280	1,174
Current St. John's Temperature & Windchill:	-4 °C	Sunday, March 25, 2018	-1	-2	1,360	1,253
7-Day Island Peak Demand Forecast:	1,415 MW	Monday, March 26, 2018	-4	-3	1,415	1,307

Supply Notes For March 20, 2018

3

- 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**

Mon, Mar 19, 2018	Actual Island Peak Demand ⁸	09:50	1,411 MW
Tue, Mar 20, 2018	Forecast Island Peak Demand		1,400 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).