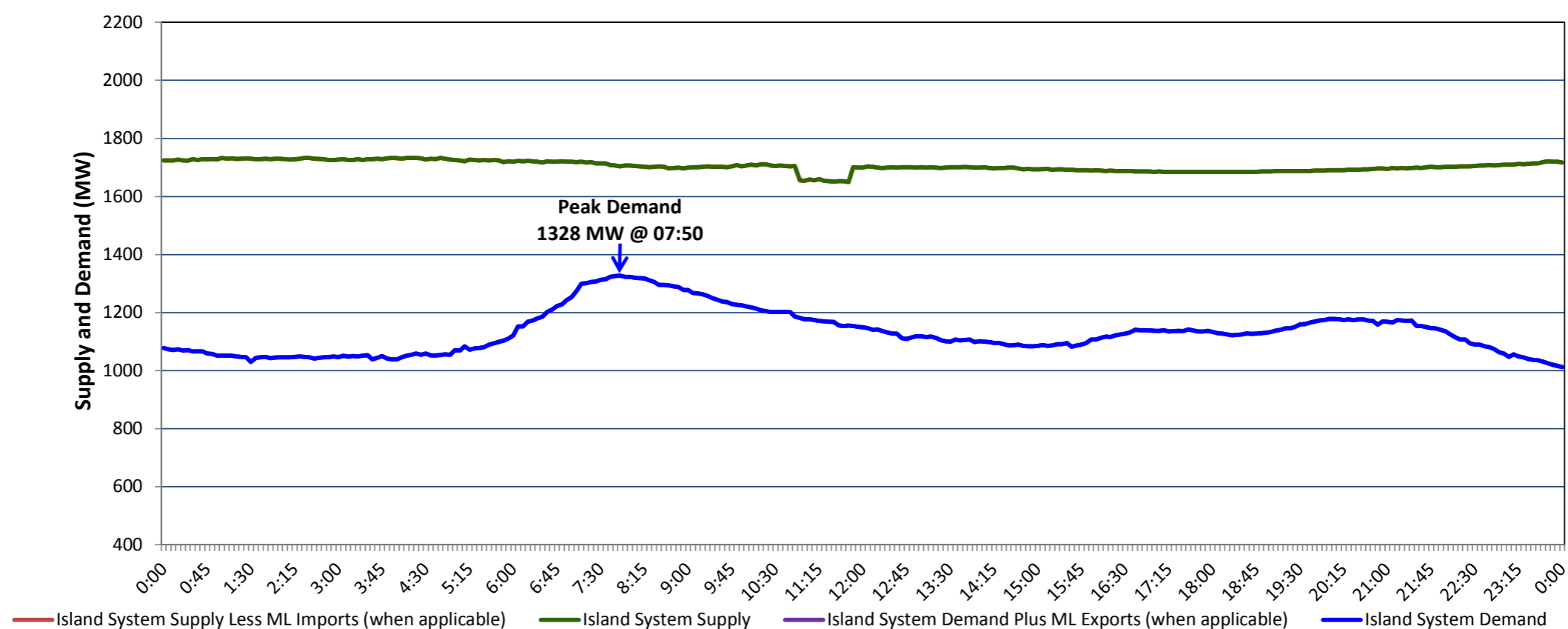


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, March 22, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Wednesday, March 21, 2018**



Supply Notes For March 21, 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 As of 1337 hours, March 19, 2018, Holyrood Unit 1 unavailable 140 MW (170 MW).
 - D As of 2245 hours, March 19, 2018, Holyrood Unit 3 available at 95 MW (150 MW).
 - E At 1051 hours, March 21, 2018, Hardwoods Gas Turbine unavailable (50 MW).
 - F At 1149 hours, March 21, 2018, Hardwoods Gas Turbine available (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Thu, Mar 22, 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	1,880	MW	Thursday, March 22, 2018	-2	-1	1,340	1,233
NLH Generation: ⁴	1,515	MW	Friday, March 23, 2018	4	1	1,240	1,135
NLH Power Purchases: ⁶	155	MW	Saturday, March 24, 2018	0	-1	1,335	1,228
Maritime Link Imports:	-	MW	Sunday, March 25, 2018	-2	-3	1,385	1,278
Other Island Generation:	210	MW	Monday, March 26, 2018	-4	-4	1,405	1,298
Current St. John's Temperature & Windchill: -2 °C	-8	°C	Tuesday, March 27, 2018	-2	0	1,335	1,228
7-Day Island Peak Demand Forecast:	1,405	MW	Wednesday, March 28, 2018	1	4	1,260	1,154

Supply Notes For March 22, 2018

- 3
- G At 0005 hours, March 22, 2018, Holyrood Unit 1 available at 148 MW (170 MW).
 - H At 0729 hours, March 22, 2018, Holyrood Unit 3 available at 90 MW (150 MW).

- 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**

Wed, Mar 21, 2018	Actual Island Peak Demand ⁸	07:50	1,328 MW
Thu, Mar 22, 2018	Forecast Island Peak Demand		1,340 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).