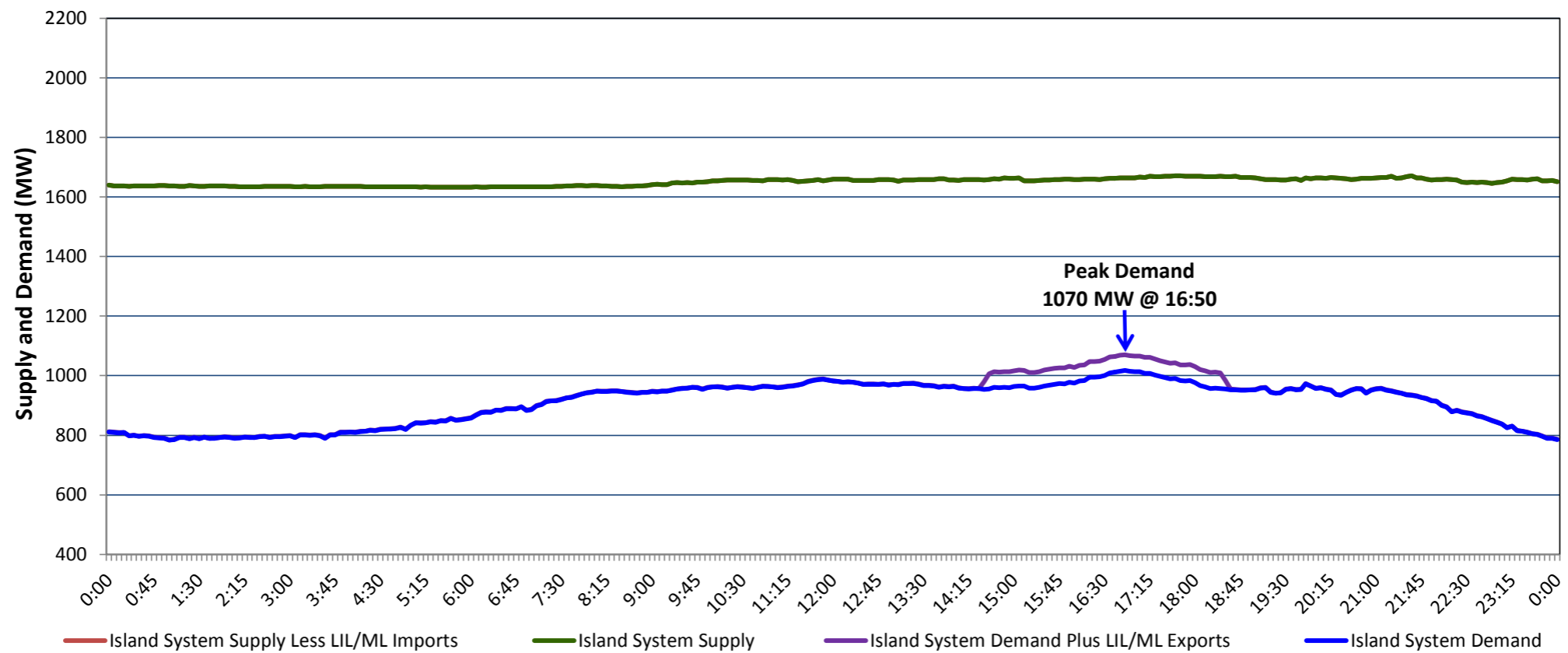


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, May 13, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, May 12, 2020**



Supply Notes For May 12, 2020

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- A As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 1009 hours, May 01, 2020, Holyrood Unit 1 available but not operating (170 MW).
- C As of 1200 hours, May 03, 2020, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, May 13, 2020	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	1,635 MW	Wednesday, May 13, 2020	4	3	1,025	1,025
NLH Island Generation: ⁴	1,245 MW	Thursday, May 14, 2020	1	1	1,085	1,085
NLH Island Power Purchases: ⁶	150 MW	Friday, May 15, 2020	3	2	1,040	1,040
Other Island Generation:	240 MW	Saturday, May 16, 2020	2	2	1,035	1,035
ML/LIL Imports:	- MW	Sunday, May 17, 2020	4	3	980	980
Current St. John's Temperature & Windchill:	4 °C	Monday, May 18, 2020	4	7	975	975
7-Day Island Peak Demand Forecast:	1,085 MW	Tuesday, May 19, 2020	4	3	950	950

Supply Notes For May 13, 2020

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- D At 0753 hours, May 13, 2020, Stephenville Gas Turbine unavailable due to planned outage (50 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 there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
 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 Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
 7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

Tue, May 12, 2020	Actual Island Peak Demand ⁸	16:50	1,070 MW
Wed, May 13, 2020	Forecast Island Peak Demand		1,025 MW

- Notes: 8. Island Demand / LIL / 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).