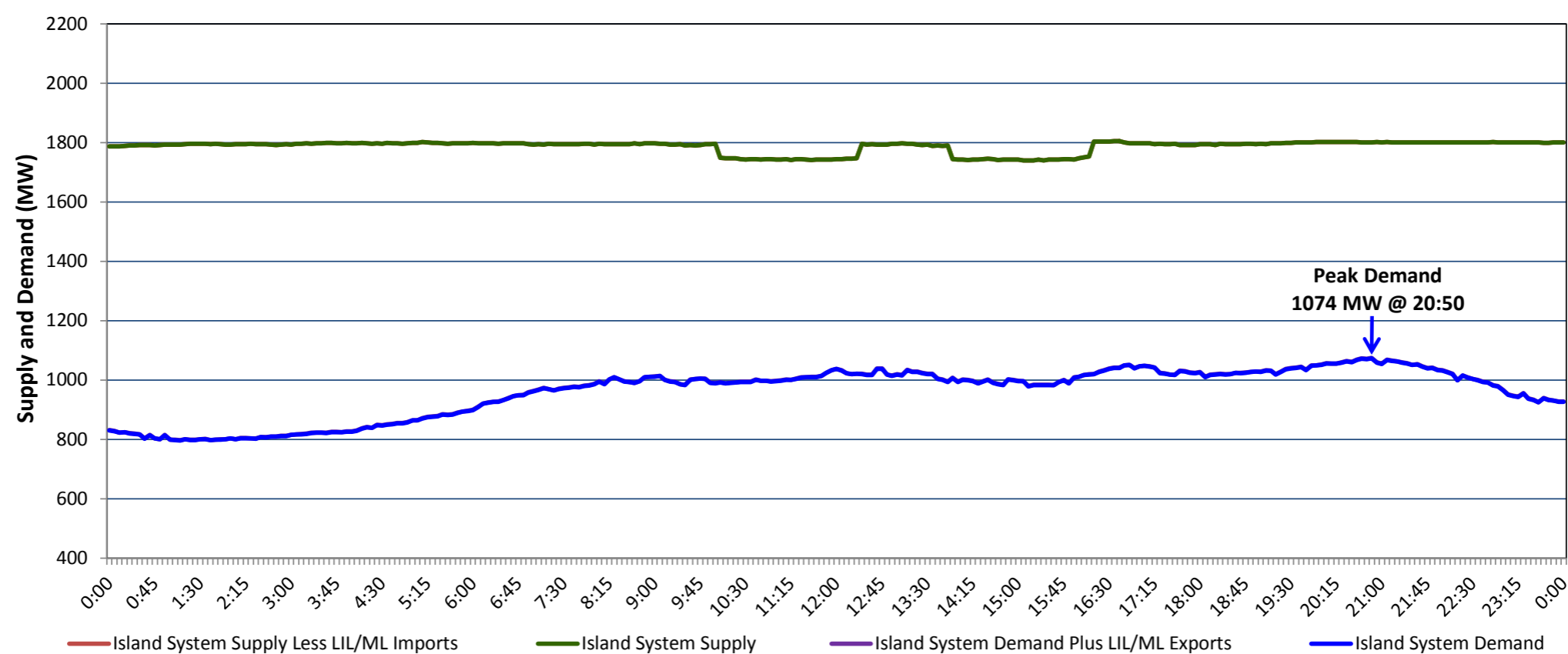


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, April 29, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, April 28, 2020**



Supply Notes For April 28, 2020

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- A As of 0847 hours, March 19, 2020, Holyrood Diesels available at 8 MW (10 MW).
- B As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- C As of 1842 hours, April 25, 2020, Granite Canal Unit unavailable (40 MW).
- D As of 1216 hours, April 27, 2020, Hinds Lake Unit unavailable due to planned outage (75 MW).
- E At 1005 hours, April 28, 2020, Stephenville Gas Turbine unavailable (50 MW).
- F At 1225 hours, April 28, 2020, Stephenville Gas Turbine available (50 MW).
- G At 1351 hours, April 28, 2020, Stephenville Gas Turbine unavailable (50 MW).
- H At 1614 hours, April 28, 2020, Stephenville Gas Turbine available (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Apr 29, 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	1,800 MW	Wednesday, April 29, 2020	1	0	1,145	1,052
NLH Island Generation: ⁴	1,425 MW	Thursday, April 30, 2020	0	3	1,115	1,022
NLH Island Power Purchases: ⁶	160 MW	Friday, May 01, 2020	4	6	950	950
Other Island Generation:	215 MW	Saturday, May 02, 2020	10	10	870	870
ML/LIL Imports:	- MW	Sunday, May 03, 2020	11	1	1,040	1,040
Current St. John's Temperature & Windchill:	0 °C -8 °C	Monday, May 04, 2020	2	4	1,020	1,020
7-Day Island Peak Demand Forecast:	1,145 MW	Tuesday, May 05, 2020	2	6	1,080	1,080

Supply Notes For April 29, 2020

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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 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, Apr 28, 2020	Actual Island Peak Demand ⁸	20:50	1,074 MW
Wed, Apr 29, 2020	Forecast Island Peak Demand		1,145 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).