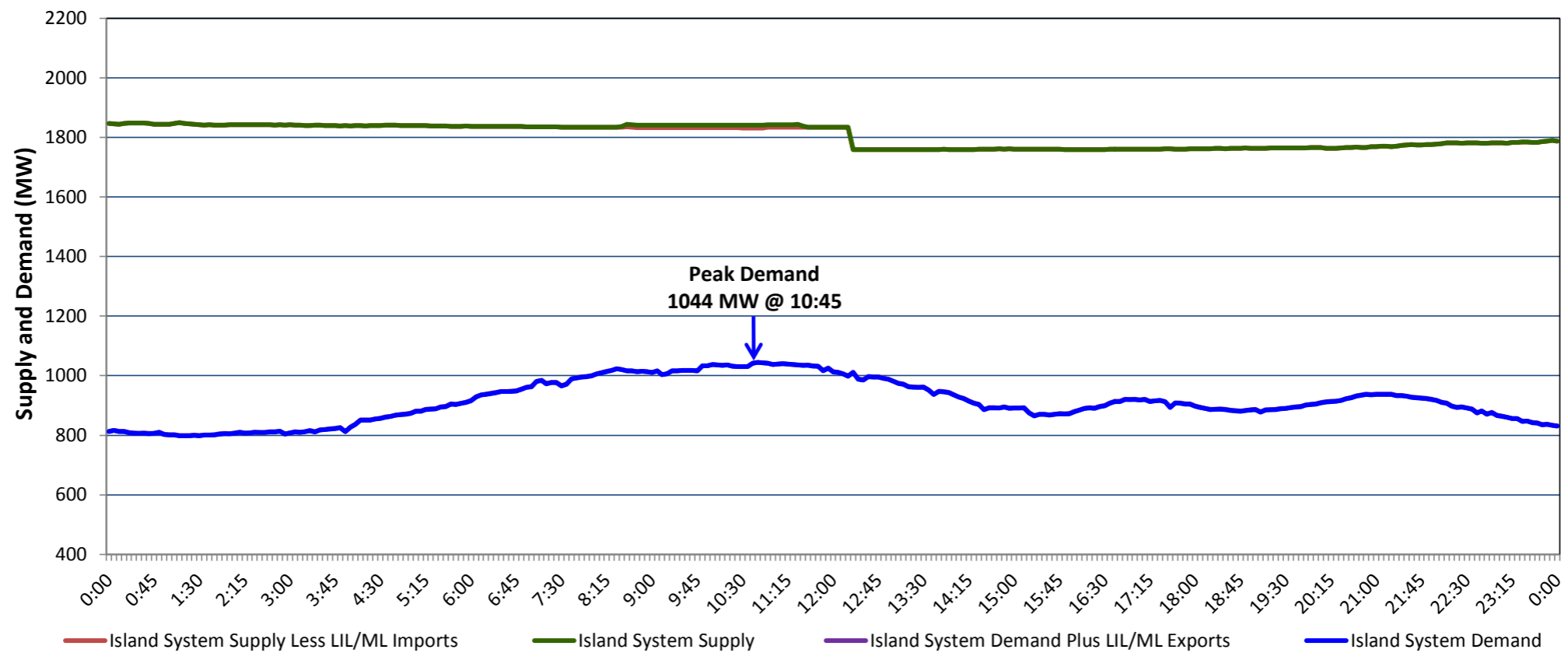


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, April 28, 2020

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Monday, April 27, 2020



Supply Notes For April 27, 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 **At 1216 hours, April 27, 2020, Hinds Lake Unit unavailable due to planned outage (75 MW).**

Section 2 Island Interconnected Supply and Demand

Tue, Apr 28, 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	1,785 MW	Tuesday, April 28, 2020	0	-1	1,115	1,022
NLH Island Generation: ⁴	1,425 MW	Wednesday, April 29, 2020	-1	-1	1,140	1,047
NLH Island Power Purchases: ⁶	145 MW	Thursday, April 30, 2020	0	3	1,090	997
Other Island Generation:	215 MW	Friday, May 01, 2020	4	5	960	960
ML/LIL Imports:	- MW	Saturday, May 02, 2020	7	6	900	900
Current St. John's Temperature & Windchill:	0 °C -6 °C	Sunday, May 03, 2020	2	3	880	880
7-Day Island Peak Demand Forecast:	1,160 MW	Monday, May 04, 2020	7	8	1,160	1,160

Supply Notes For April 28, 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

Mon, Apr 27, 2020	Actual Island Peak Demand ⁸	10:45	1,044 MW
Tue, Apr 28, 2020	Forecast Island Peak Demand		1,115 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).