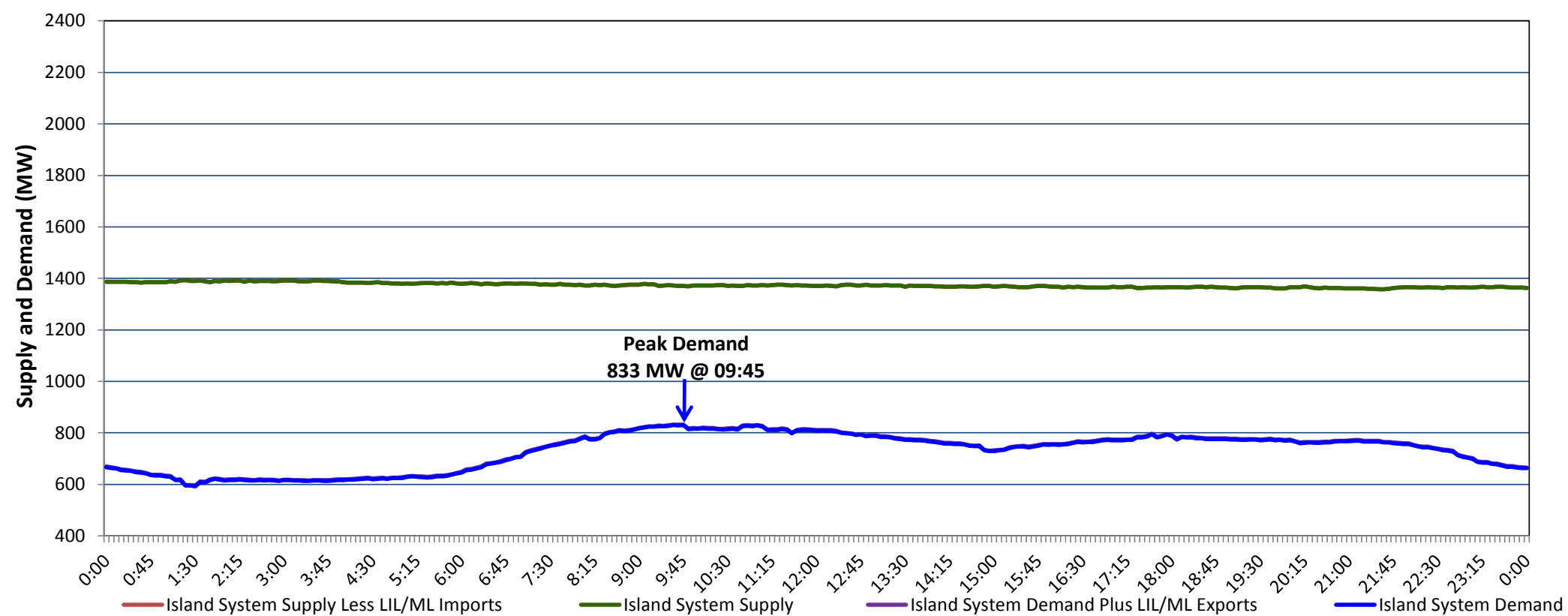


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, July 05, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, July 02, 2021**



Supply Notes For July 02, 2021

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- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- C As of 0720 hours, June 26, 2021, Holyrood Unit 2 available but not operating (170 MW).
- D As of 1020 hours, June 28, 2021, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Jul 03, 2021	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	1,395	MW		Saturday, July 03, 2021	8	9	755	755
NLH Island Generation: ⁴	1,050	MW		Sunday, July 04, 2021	10	8	825	825
NLH Island Power Purchases: ⁶	115	MW		Monday, July 05, 2021	12	13	775	775
Other Island Generation:	230	MW		Tuesday, July 06, 2021	12	16	740	740
ML/LIL Imports:	-	MW		Wednesday, July 07, 2021	17	17	740	740
Current St. John's Temperature & Windchill:	7 °C	N/A	°C	Thursday, July 08, 2021	13	10	755	755
7-Day Island Peak Demand Forecast:	825	MW		Friday, July 09, 2021	9	11	815	815

Supply Notes For July 03, 2021

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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**

Fri, Jul 02, 2021	Actual Island Peak Demand ⁸	09:45	833 MW
Sat, Jul 03, 2021	Forecast Island Peak Demand		755 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).