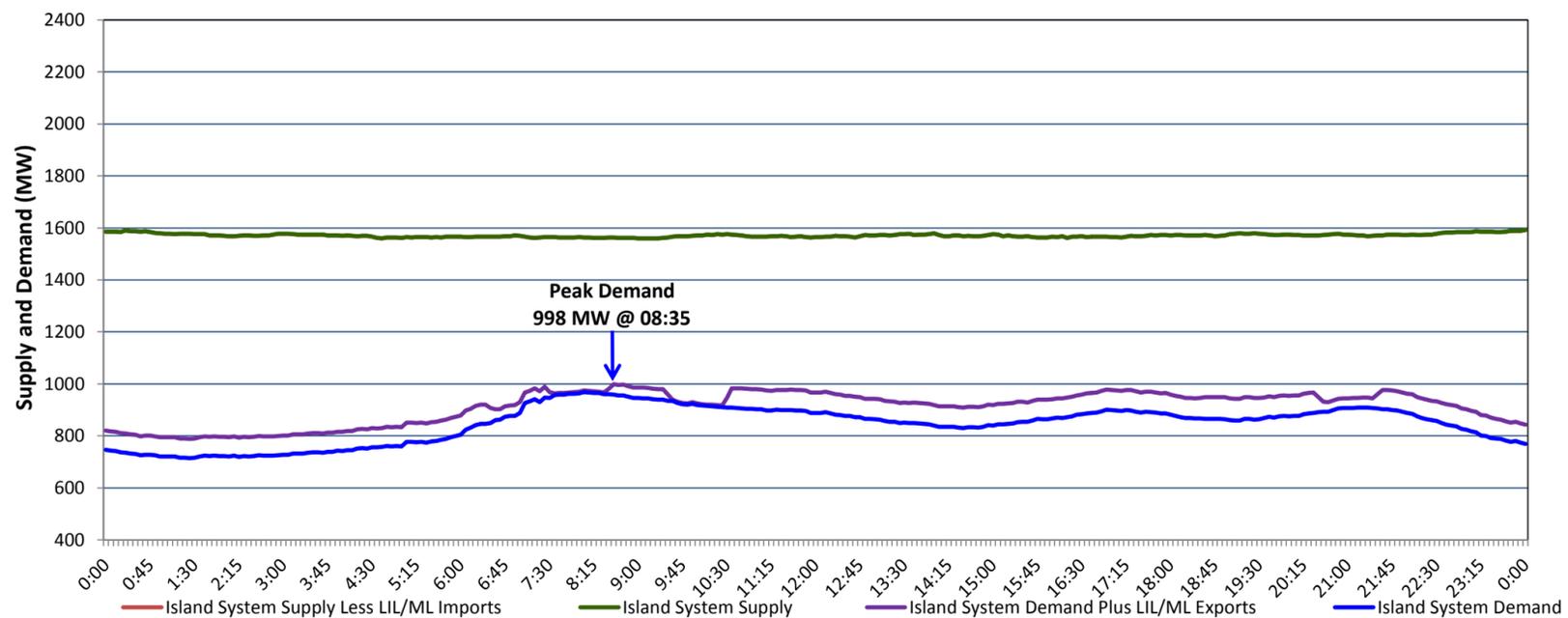


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, May 13, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Wednesday, May 12, 2021**



Supply Notes For May 12, 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 1047 hours, April 25, 2021, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- C As of 0709 hours, May 07, 2021, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
- D As of 1827 hours, May 07, 2021, Holyrood Unit 1 available but not operating (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Thu, May 13, 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	1,535	MW		Thursday, May 13, 2021	4	7	1,020	1,020
NLH Island Generation: ⁴	1,145	MW		Friday, May 14, 2021	5	5	1,000	1,000
NLH Island Power Purchases: ⁶	145	MW		Saturday, May 15, 2021	4	4	945	945
Other Island Generation:	245	MW		Sunday, May 16, 2021	4	4	975	975
ML/LIL Imports:	-	MW		Monday, May 17, 2021	3	2	1,020	1,020
Current St. John's Temperature & Windchill:	4 °C	N/A	°C	Tuesday, May 18, 2021	5	7	940	940
7-Day Island Peak Demand Forecast:	1,030	MW		Wednesday, May 19, 2021	4	5	1,030	1,030

Supply Notes For May 13, 2021

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- E At 0130 hours, May 13, 2021, Hinds Lake Unit unavailable (75 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**

Wed, May 12, 2021	Actual Island Peak Demand ⁸	08:35	998 MW
Thu, May 13, 2021	Forecast Island Peak Demand		1,020 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).