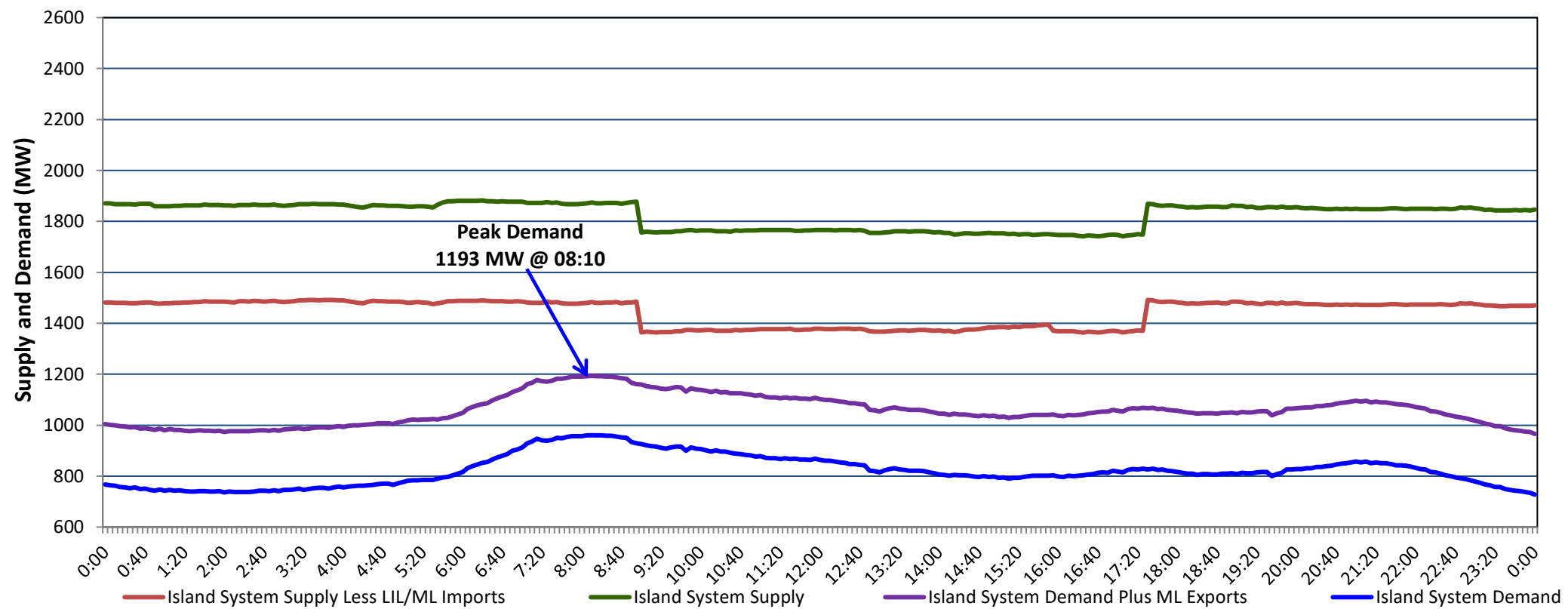


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, May 16, 2023**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Monday, May 15, 2023**



Supply Notes For May 15, 2023

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- A As of 0701 hours, March 06, 2023, Upper Salmon Unit unavailable due to planned outage (84 MW).
- B As of 2005 hours, April 02, 2023, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- C As of 0006 hours, April 09, 2023, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- D As of 0937 hours, May 01, 2023, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- E At 0900 hours, May 15, 2023, Holyrood Unit 2 available at 50 MW (170 MW).
- F At 1600 hours, May 15, 2023, Holyrood Unit 1 available but not operating (170 MW).
- G At 1730 hours, May 15, 2023, Holyrood Unit 2 available at full capacity (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Tue, May 16, 2023	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	1,858 MW	Tuesday, May 16, 2023	7	8	1,185	1,185
NLH Island Generation: ^{4,8}	1,135 MW	Wednesday, May 17, 2023	8	11	895	895
NLH Island Power Purchases: ⁶	120 MW	Thursday, May 18, 2023	5	4	930	930
Other Island Generation:	225 MW	Friday, May 19, 2023	6	7	960	960
ML/LIL Imports:	378 MW	Saturday, May 20, 2023	6	9	880	880
Current St. John's Temperature & Windchill:	7 °C	Sunday, May 21, 2023	9	9	825	825
7-Day Island Peak Demand Forecast:	1,185 MW	Monday, May 22, 2023	11	14	835	835

Supply Notes For May 16, 2023

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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.
 8. Due to limitations inherent in the design of combustion turbines, the output of combustion turbines may be reduced in the event that ambient temperatures exceed the threshold

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

Mon, May 15, 2023	Actual Island Peak Demand ⁹	8:10	1,193 MW
Tue, May 16, 2023	Forecast Island Peak Demand		1,185 MW

Notes: 9. 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).