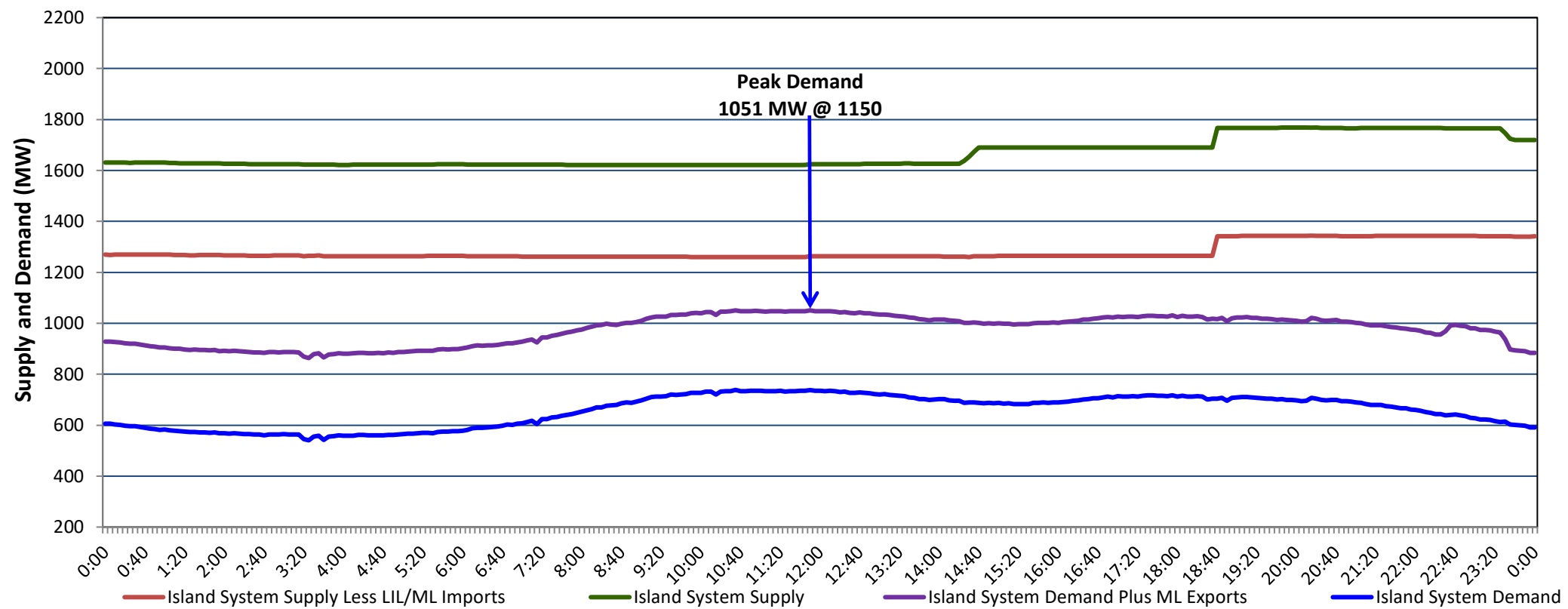


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, October 10, 2023**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, October 07, 2023**



Supply Notes For October 07, 2023

- A As of 0701 hours, March 06, 2023, Upper Salmon Unit unavailable (84 MW).
- B As of 0800 hours, May 21, 2023, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- C As of 0800 hours, July 09, 2023, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable (50 MW).
- E As of 1403 hours, September 20, 2023, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- F As of 2219 hours, September 23, 2023, Holyrood Unit 3 available but not operating (150 MW).
- G **At 1840 hours, October 07, 2023, Bay d'Espoir Unit 6 available (76.5 MW).**

**Section 2
Island Interconnected Supply and Demand**

Sun, Oct 08, 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	1,629 MW	Sunday, October 8, 2023	10	9	1,050	1,050
NLH Island Generation: ^{4,8}	1,065 MW	Monday, October 9, 2023	10	9	1,025	1,025
NLH Island Power Purchases: ⁶	85 MW	Tuesday, October 10, 2023	11	11	1,050	1,050
Other Island Generation:	210 MW	Wednesday, October 11, 2023	11	7	815	815
ML/LIL Imports:	269 MW	Thursday, October 12, 2023	9	9	840	840
Current St. John's Temperature & Windchill:	8 °C	Friday, October 13, 2023	9	9	835	835
7-Day Island Peak Demand Forecast:	1,050 MW	Saturday, October 14, 2023	11	7	850	850

Supply Notes For October 08, 2023

- 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**

Sat, Oct 07, 2023	Actual Island Peak Demand ⁹	11:50	1,051 MW
Sun, Oct 08, 2023	Forecast Island Peak Demand		1,050 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).