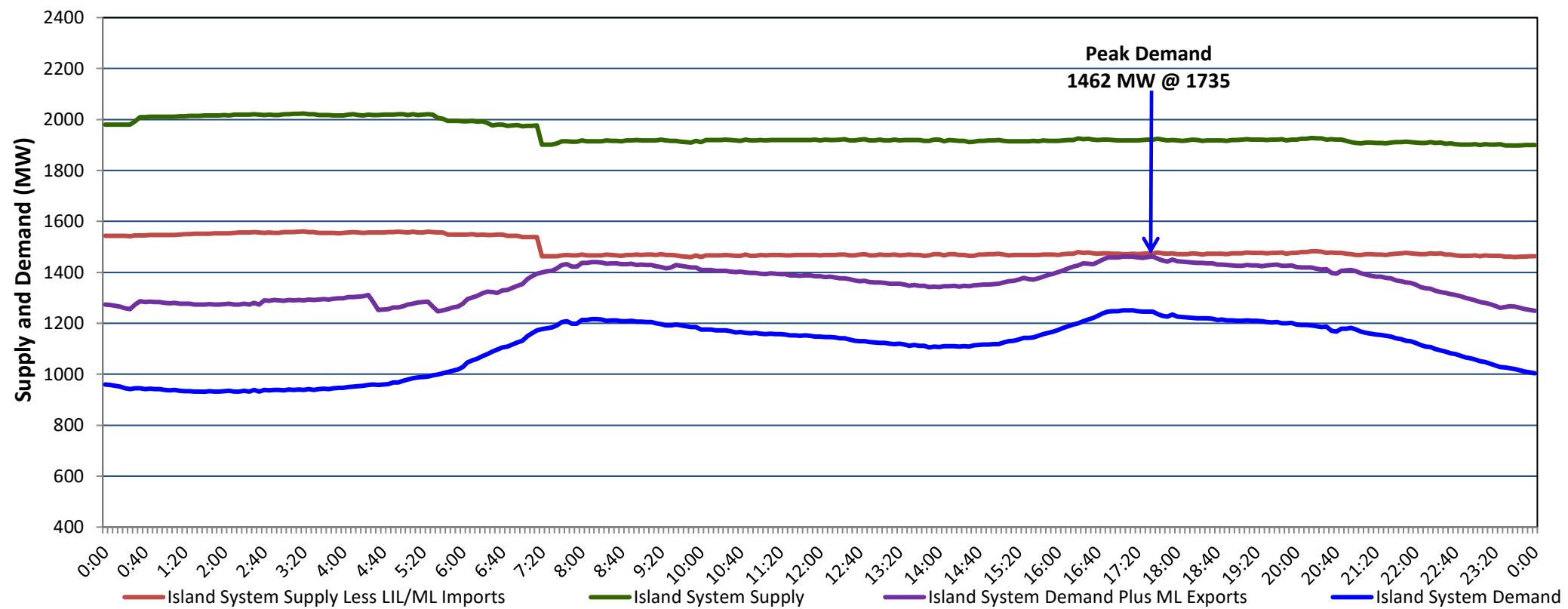


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, November 16, 2023**

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



Supply Notes For November 15, 2023

- 1,2
- 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 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable (50 MW).
 - D As of 0827 hours, October 15, 2023, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
 - E As of 0035 hours, October 28, 2023, Holyrood Unit 3 available at 50 MW (150 MW).
 - F As of 1440 hours, November 14, 2023, Holyrood Unit 1 available at 125 MW (170 MW).
 - G **At 0713 hours, November 15, 2023, Hinds Lake Unit unavailable due to planned outage (75 MW).**

**Section 2
Island Interconnected Supply and Demand**

Thu, Nov 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	1,898 MW	Thursday, November 16, 2023	1	-1	1,480	1,393
NLH Island Generation: ^{4,8}	1,165 MW	Friday, November 17, 2023	1	1	1,165	1,082
NLH Island Power Purchases: ⁶	80 MW	Saturday, November 18, 2023	5	11	1,040	958
Other Island Generation:	215 MW	Sunday, November 19, 2023	11	5	955	874
ML/LIL Imports:	438 MW	Monday, November 20, 2023	0	1	1,070	988
Current St. John's Temperature & Windchill:	-1 °C -6 °C	Tuesday, November 21, 2023	1	-2	1,125	1,042
7-Day Island Peak Demand Forecast:	1,480 MW	Wednesday, November 22, 2023	-2	-2	1,165	1,082

Supply Notes For November 16, 2023

- 3
- 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**

Wed, Nov 15, 2023	Actual Island Peak Demand ⁹	17:35	1,462 MW
Thu, Nov 16, 2023	Forecast Island Peak Demand		1,480 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).