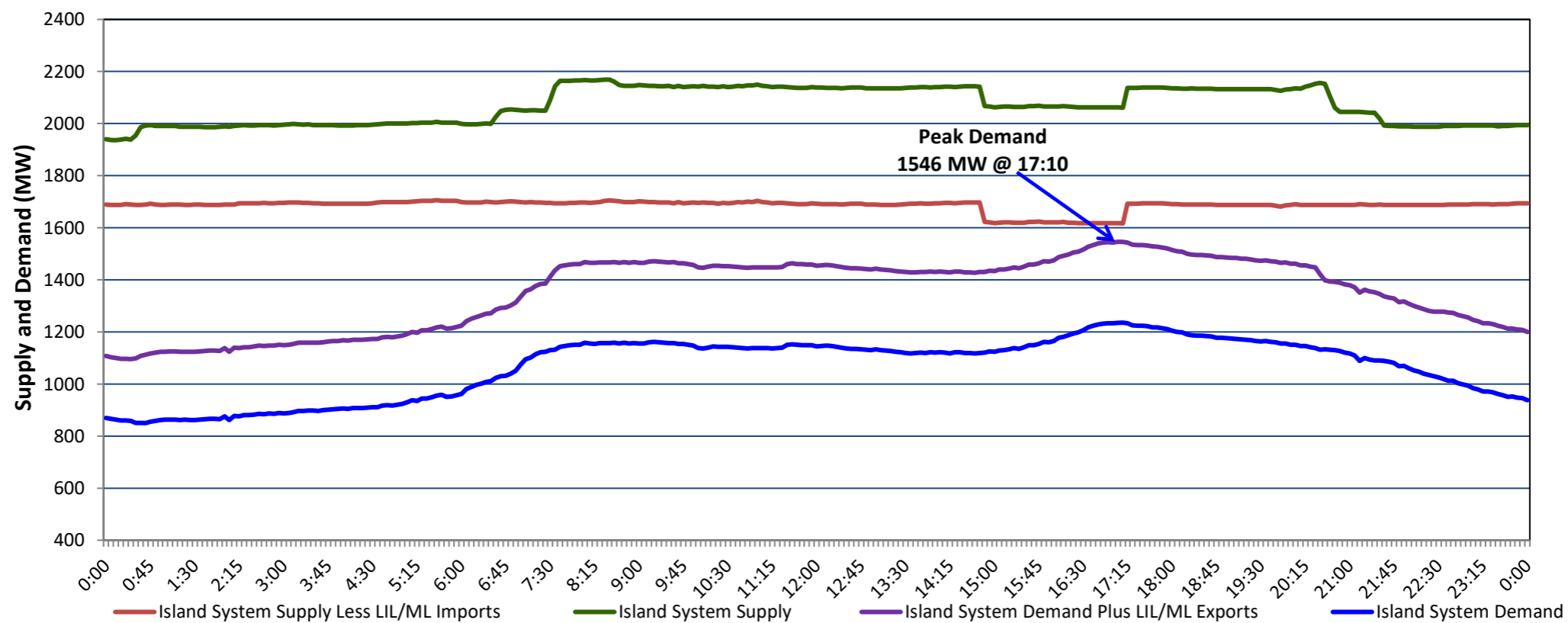


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, November 17, 2022**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Wednesday, November 16, 2022**



Supply Notes For November 16, 2022

- A As of 1040 hours, August 27, 2022, Holyrood Unit 3 available but not operating (150 MW).
- B As of 0806 hours, November 10, 2022, St. Anthony Diesel Plant available at 8.7 MW (9.7 MW).
- C As of 1826 hours, November 13, 2022, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- D As of 1448 hours, November 15, 2022, Holyrood Unit 1 available at 80 MW (170 MW).
- E At 1448 hours, November 16, 2022, Hinds Lake Unit unavailable (75 MW).
- F At 1713 hours, November 16, 2022, Hinds Lake Unit available (75 MW).

**Section 2
Island Interconnected Supply and Demand**

Thu, Nov 17, 2022	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	2,192 MW	Thursday, November 17, 2022	4	6	1,465	1,368
NLH Island Generation: ^{4,8}	1,375 MW	Friday, November 18, 2022	3	2	1,140	1,047
NLH Island Power Purchases: ⁶	150 MW	Saturday, November 19, 2022	3	1	1,125	1,032
Other Island Generation:	220 MW	Sunday, November 20, 2022	0	2	1,145	1,052
ML/LIL Imports:	447 MW	Monday, November 21, 2022	1	-1	1,330	1,235
Current St. John's Temperature & Windchill:	4 °C N/A °C	Tuesday, November 22, 2022	-1	0	1,230	1,136
7-Day Island Peak Demand Forecast:	1,465 MW	Wednesday, November 23, 2022	-2	-2	1,270	1,175

Supply Notes For November 17, 2022

- 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 16, 2022	Actual Island Peak Demand ⁹	17:10	1,546 MW
Thu, Nov 17, 2022	Forecast Island Peak Demand		1,465 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).