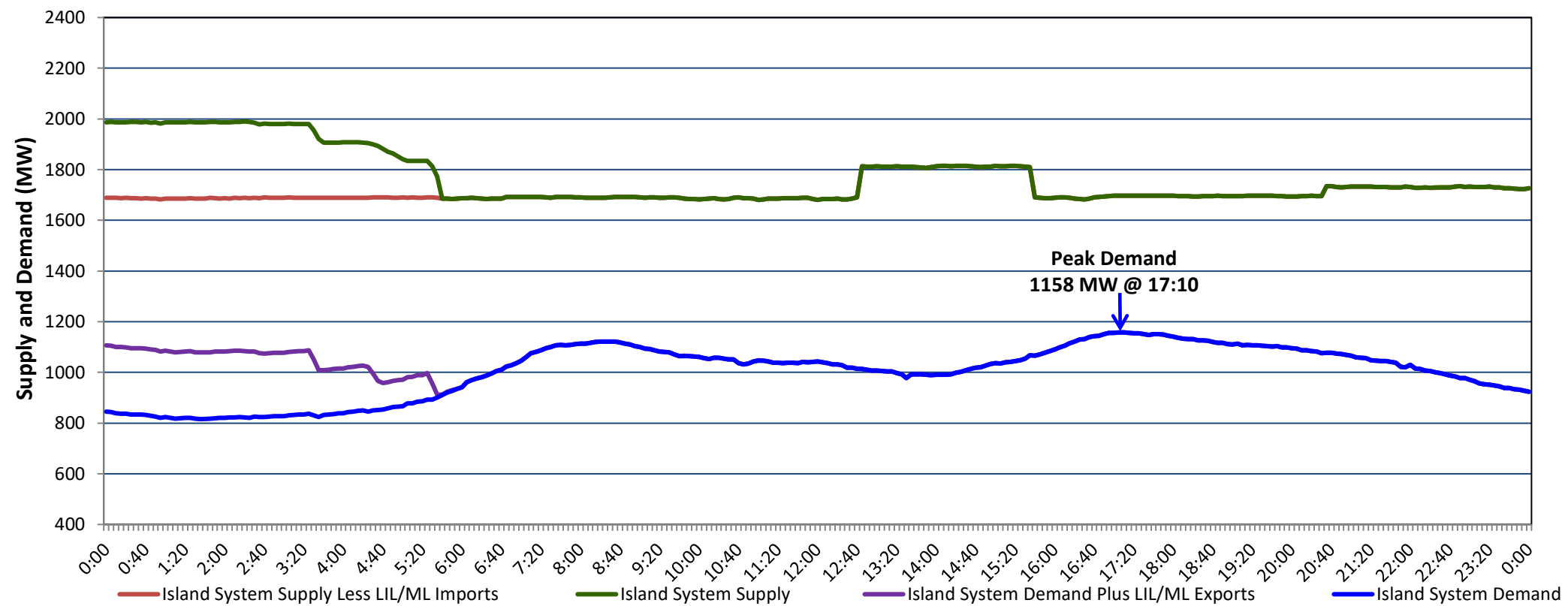


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, November 21, 2022**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Friday, November 18, 2022**



**Supply Notes For November 18, 2022**

- A As of 0806 hours, November 10, 2022, St. Anthony Diesel Plant available at 8.7 MW (9.7 MW).
- B As of 1826 hours, November 13, 2022, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- C As of 1448 hours, November 15, 2022, Holyrood Unit 1 available at 80 MW (170 MW).
- D At 1240 hours, November 18, 2022, Holyrood Unit 3 returned to service at 120 MW (150 MW).
- E At 1537 hours, November 18, 2022, Holyrood Unit 3 available at 75 MW (150 MW).
- F At 1537 hours, November 18, 2022, Holyrood Unit 3 available but not operating 75 MW (150 MW).
- G At 2033 hours, November 18, 2022, Granite Canal Unit available (40 MW).

**Section 2  
Island Interconnected Supply and Demand**

Sat, Nov 19, 2022	Island System Outlook <sup>3</sup>		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,680	MW	Saturday, November 19, 2022		2	1	1,125	1,032
NLH Island Generation: <sup>4,8</sup>	1,375	MW	Sunday, November 20, 2022		-1	5	1,310	1,215
NLH Island Power Purchases: <sup>6</sup>	105	MW	Monday, November 21, 2022		1	0	1,500	1,403
Other Island Generation:	200	MW	Tuesday, November 22, 2022		0	0	1,240	1,146
ML/LIL Imports:	-	MW	Wednesday, November 23, 2022		-3	1	1,245	1,151
Current St. John's Temperature & Windchill:	1 °C	N/A °C	Thursday, November 24, 2022		-4	-5	1,420	1,324
7-Day Island Peak Demand Forecast:	1,500	MW	Friday, November 25, 2022		-4	-1	1,285	1,190

**Supply Notes For November 19, 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**

Fri, Nov 18, 2022	Actual Island Peak Demand <sup>9</sup>	17:10	1,158 MW
Sat, Nov 19, 2022	Forecast Island Peak Demand		1,125 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).