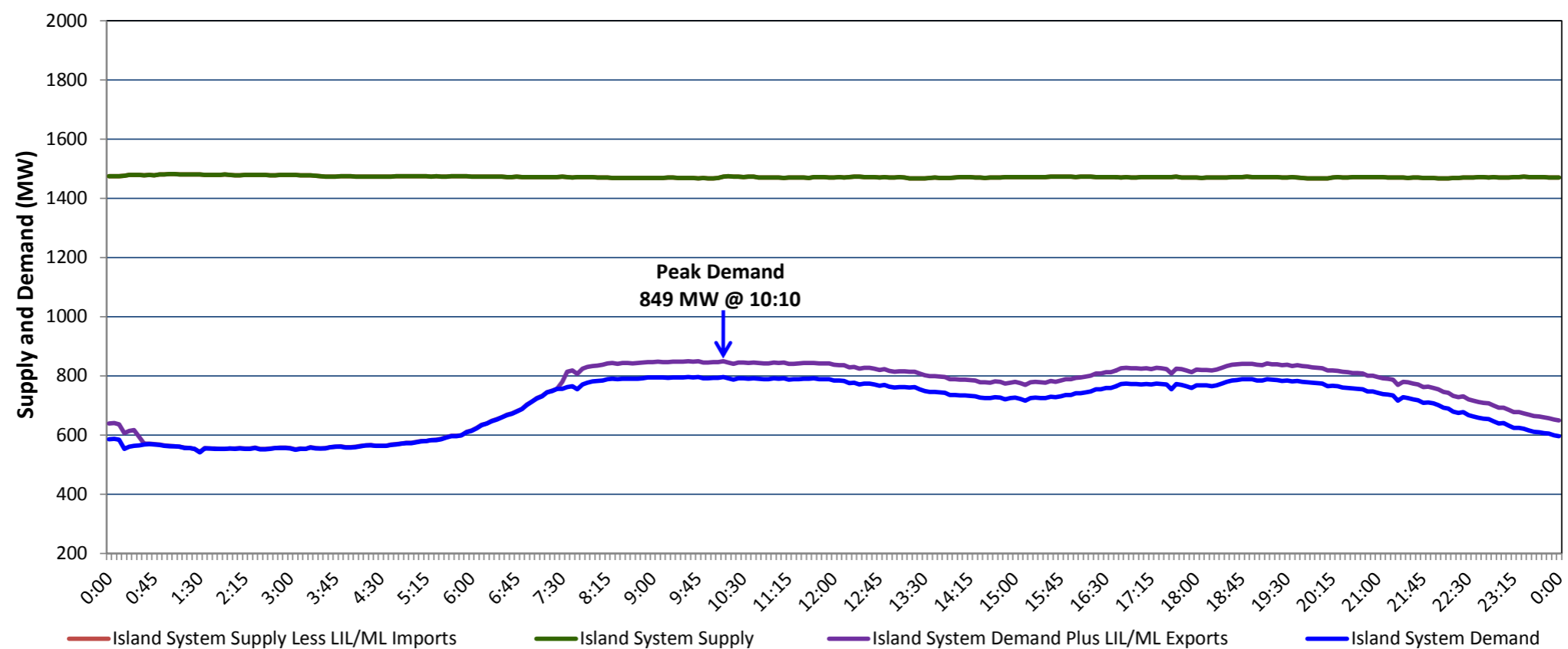


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, October 20, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, October 19, 2020**



**Supply Notes For October 19, 2020**

- 1,2
- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
  - B As of 0734 hours, September 27, 2020, Hinds Lake Unit unavailable due to planned outage (75 MW).
  - C As of 0648 hours, October 05, 2020, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
  - D As of 0850 hours, October 16, 2020, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
  - E As of 1830 hours, October 16, 2020, Holyrood Unit 2 available but not operating (170 MW).
  - F **At 0801 hours, October 19, 2020, St. Anthony Diesel Plant available at 8.7 MW (9.7 MW).**
  - G **At 1600 hours, October 19, 2020, St. Anthony Diesel Plant available at full capacity (9.7 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Tue, Oct 20, 2020	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>	1,445	MW	Tuesday, October 20, 2020	11	12	860	860
NLH Island Generation: <sup>4</sup>	1,145	MW	Wednesday, October 21, 2020	14	6	865	865
NLH Island Power Purchases: <sup>6</sup>	65	MW	Thursday, October 22, 2020	12	14	835	835
Other Island Generation:	235	MW	Friday, October 23, 2020	6	5	940	940
ML/LIL Imports:	-	MW	Saturday, October 24, 2020	4	8	930	930
Current St. John's Temperature & Windchill:	9 °C	N/A °C	Sunday, October 25, 2020	8	4	1,105	1,105
7-Day Island Peak Demand Forecast:	1,105	MW	Monday, October 26, 2020	4	2	1,030	1,030

**Supply Notes For October 20, 2020**

- 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.

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

Mon, Oct 19, 2020	Actual Island Peak Demand <sup>8</sup>	10:10	849 MW
Tue, Oct 20, 2020	Forecast Island Peak Demand		860 MW

Notes: 8. 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).