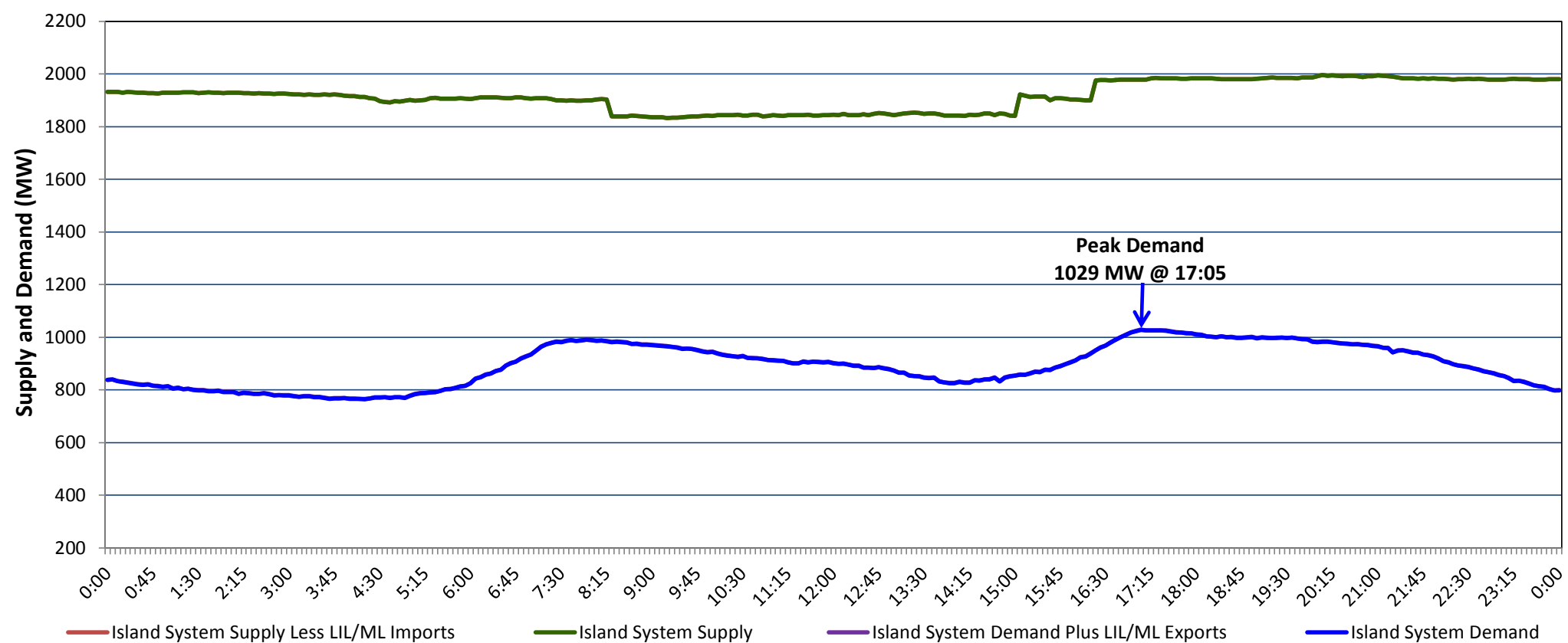


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, November 18, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, November 17, 2020**



Supply Notes For November 17, 2020

- 1,2
- A As of 1431 hours, November 08, 2020, Paradise River Unit unavailable due to planned outage (8 MW).
 - B At 0820 hours, November 17, 2020, Hinds Lake Unit unavailable due to planned outage 65 MW (75 MW).
 - C At 1502 hours, November 17, 2020, Bay d'Espoir Unit 2 available (76.5 MW).
 - D At 1620 hours, November 17, 2020, Hinds Lake Unit available at full capacity (75 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Nov 18, 2020	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	1,935 MW	Wednesday, November 18, 2020	3	0	1,120	1,027
NLH Island Generation: ⁴	1,645 MW	Thursday, November 19, 2020	-2	-2	1,245	1,151
NLH Island Power Purchases: ⁶	65 MW	Friday, November 20, 2020	-2	5	1,195	1,101
Other Island Generation:	225 MW	Saturday, November 21, 2020	5	4	1,045	953
ML/LIL Imports:	- MW	Sunday, November 22, 2020	0	-3	1,250	1,156
Current St. John's Temperature & Windchill:	4 °C	Monday, November 23, 2020	-5	2	1,270	1,175
7-Day Island Peak Demand Forecast:	1,270 MW	Tuesday, November 24, 2020	8	0	1,270	1,175

Supply Notes For November 18, 2020

- 3
- E At 0704 hours, November 18, 2020, Granite Canal Unit unavailable due to planned outage (40 MW).

- 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**

Tue, Nov 17, 2020	Actual Island Peak Demand ⁸	17:05	1,029 MW
Wed, Nov 18, 2020	Forecast Island Peak Demand		1,120 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).