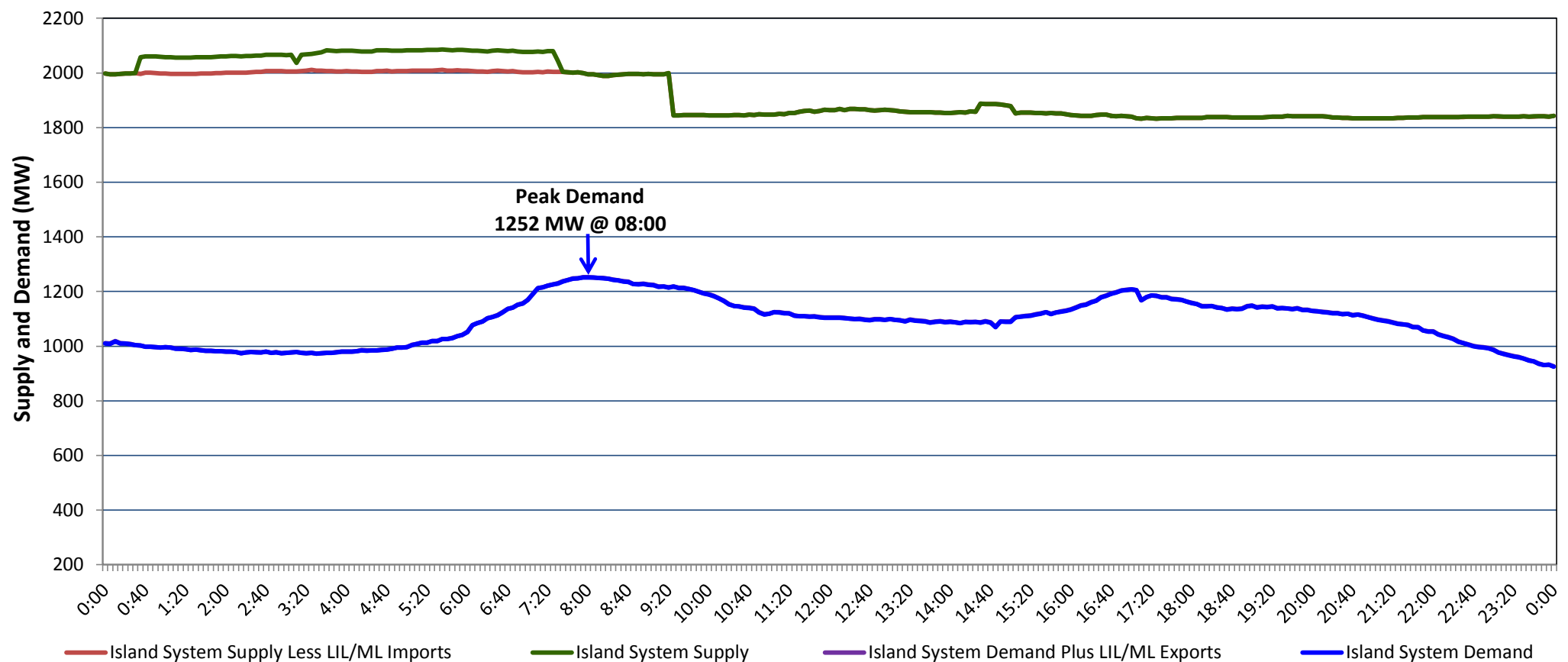


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, November 27, 2020

Section 1

Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Thursday, November 26, 2020



Supply Notes For November 26, 2020

1,2

A At 0921 hours, November 26, 2020, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).

Section 2

Island Interconnected Supply and Demand

Fri, Nov 27, 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	1,810	MW	Friday, November 27, 2020	7	8	1,070	978
NLH Island Generation: ⁴	1,490	MW	Saturday, November 28, 2020	10	11	970	879
NLH Island Power Purchases: ⁶	85	MW	Sunday, November 29, 2020	9	5	1,105	1,012
Other Island Generation:	235	MW	Monday, November 30, 2020	0	0	1,230	1,136
ML/LIL Imports:	-	MW	Tuesday, December 01, 2020	-1	4	1,220	1,118
Current St. John's Temperature & Windchill:	5 °C	N/A °C	Wednesday, December 02, 2020	7	9	1,060	960
7-Day Island Peak Demand Forecast:	1,230	MW	Thursday, December 03, 2020	12	7	1,055	955

Supply Notes For November 27, 2020

3

B At 0750 hours, November 27, 2020, Hardwoods Gas Turbine unavailable due to planned outage (50 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

Thu, Nov 26, 2020	Actual Island Peak Demand ⁸	08:00	1,252 MW
Fri, Nov 27, 2020	Forecast Island Peak Demand		1,070 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).