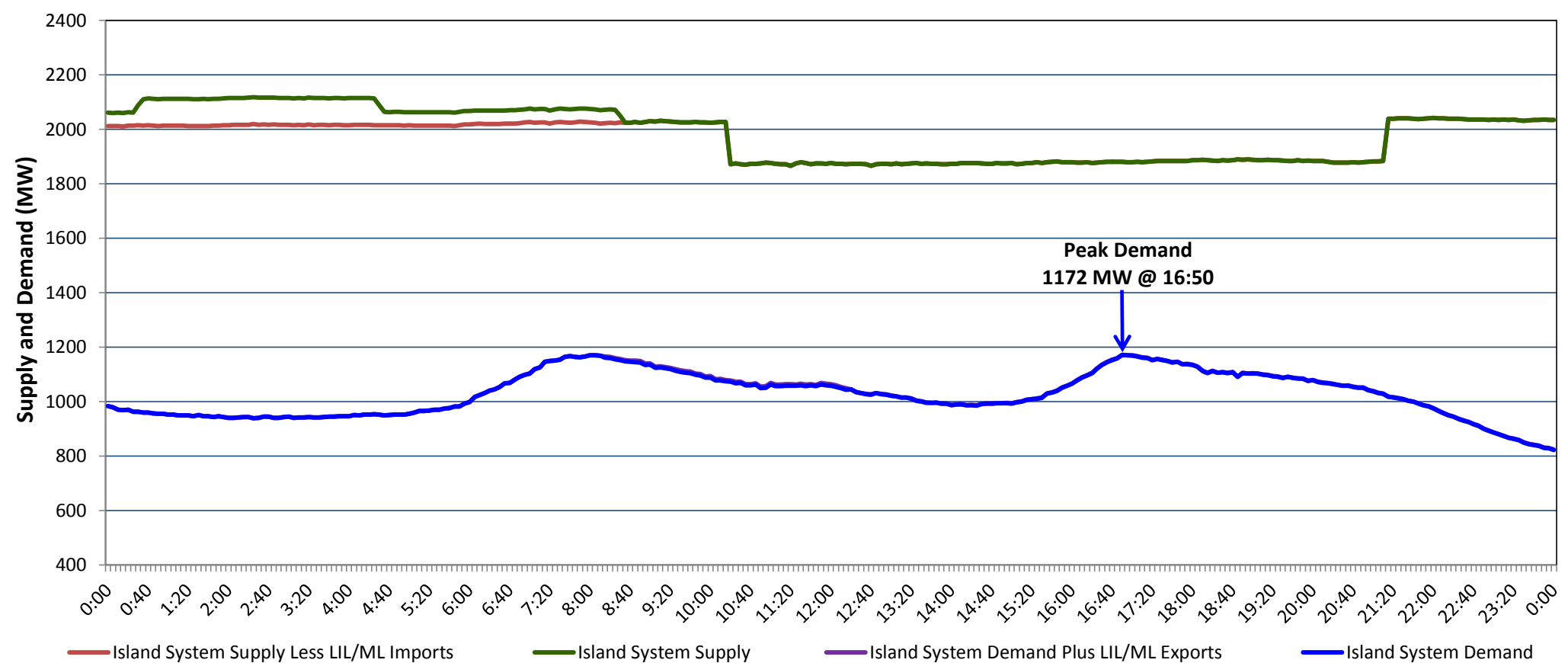


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, December 02, 2020

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, December 01, 2020



Supply Notes For December 01, 2020

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A At 1018 hours, December 01, 2020, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).

B At 2110 hours, December 01, 2020, Bay d'Espoir Unit 7 available (154.4 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Dec 02, 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	2,025	MW	Wednesday, December 02, 2020	7	10	1,075	975
NLH Island Generation: ⁴	1,695	MW	Thursday, December 03, 2020	11	9	1,085	984
NLH Island Power Purchases: ⁶	105	MW	Friday, December 04, 2020	3	3	1,125	1,024
Other Island Generation:	225	MW	Saturday, December 05, 2020	4	7	1,125	1,024
ML/LIL Imports:	-	MW	Sunday, December 06, 2020	2	1	1,200	1,098
Current St. John's Temperature & Windchill:	7 °C	N/A °C	Monday, December 07, 2020	5	6	1,215	1,113
7-Day Island Peak Demand Forecast:	1,300	MW	Tuesday, December 08, 2020	-1	-1	1,300	1,197

Supply Notes For December 02, 2020

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- 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, Dec 01, 2020	Actual Island Peak Demand ⁸	16:50	1,172 MW
Wed, Dec 02, 2020	Forecast Island Peak Demand		1,075 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).