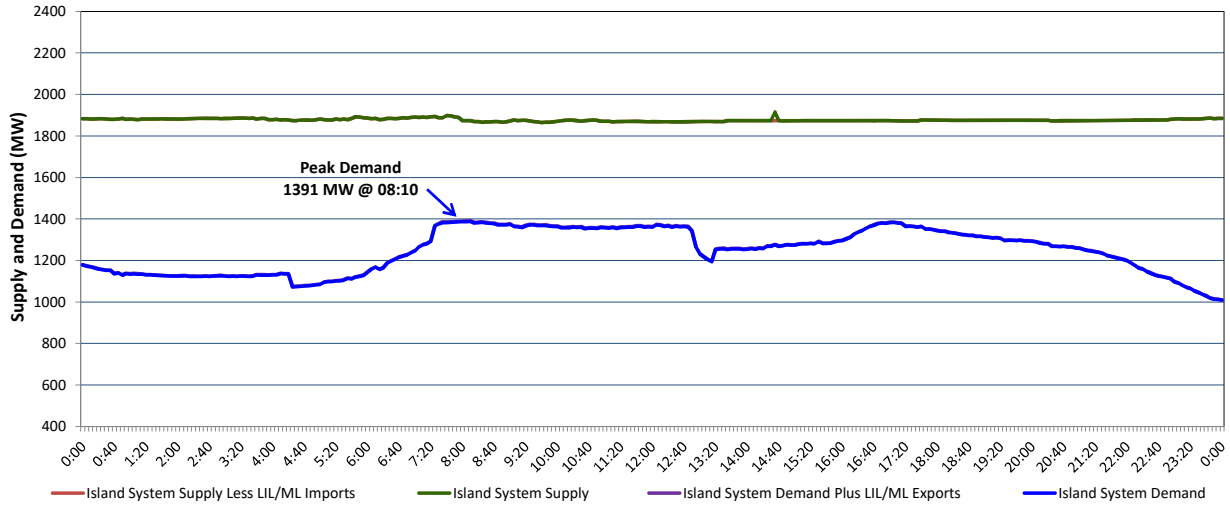
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, December 18, 2020

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, December 17, 2020



Supply Notes For December 17, 2020 [1,2]

A As of 1821 hours, December 12, 2020, Holyrood Unit 2 unavailable (170 MW).

B At 1535 hours, December 17, 2020, Hawkes Bay Diesel Plant unavailable (5 MW).

Section 2
Island Interconnected Supply and Demand

Fri, Dec 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]	**1,905**	**MW**		Friday, December 18, 2020	0	1	**1,325**	**1,222**
NLH Island Generation:[4]	1,520	MW		Saturday, December 19, 2020	1	-1	1,345	1,241
NLH Island Power Purchases:[6]	135	MW		Sunday, December 20, 2020	-3	-3	1,350	1,246
Other Island Generation:	250	MW		Monday, December 21, 2020	-4	2	1,315	1,212
ML/LIL Imports:	-	MW		Tuesday, December 22, 2020	3	6	1,275	1,172
Current St. John's Temperature & Windchill: -1	-6	°C		Wednesday, December 23, 2020	2	0	1,305	1,202
7-Day Island Peak Demand Forecast:	**1,350**	MW		Thursday, December 24, 2020	-2	-2	1,340	1,237

Supply Notes For December 18, 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.ovember

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

Thu, Dec 17, 2020	Actual Island Peak Demand[8]	8:10	1,391 MW
Fri, Dec 18, 2020	Forecast Island Peak Demand		1,325 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).