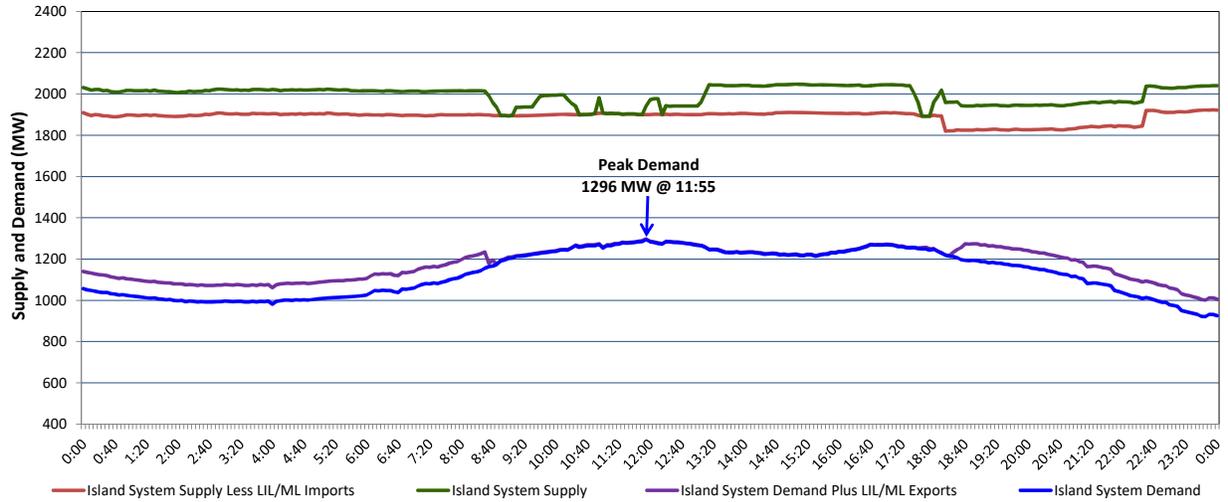


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, January 18, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, January 17, 2021**



Supply Notes For January 17, 2021

- A As of 1433 hours, January 05, 2021, Holyrood Unit 3 available but not operating (150 MW).
 B At 1810 hours, January 17, 2021, Bay d'Espoir Unit 4 unavailable (76.5 MW).
 C At 2228 hours, January 17, 2021, Bay d'Espoir Unit 4 available (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Jan 18, 2021	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	2,036	MW	Monday, January 18, 2021	1	1	1,290	1,187
NLH Island Generation: ⁴	1,545	MW	Tuesday, January 19, 2021	1	-1	1,290	1,187
NLH Island Power Purchases: ⁶	145	MW	Wednesday, January 20, 2021	-3	-4	1,405	1,301
Other Island Generation:	235	MW	Thursday, January 21, 2021	-5	-2	1,435	1,330
ML/LIL Imports:	111	MW	Friday, January 22, 2021	0	0	1,300	1,197
Current St. John's Temperature & Windchill:	1 °C	N/A	Saturday, January 23, 2021	-1	-3	1,360	1,256
7-Day Island Peak Demand Forecast:	1,435	MW	Sunday, January 24, 2021	-5	-1	1,335	1,232

Supply Notes For January 18, 2021

- 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**

Sun, Jan 17, 2021	Actual Island Peak Demand ⁸	11:55	1,296 MW
Mon, Jan 18, 2021	Forecast Island Peak Demand		1,290 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).