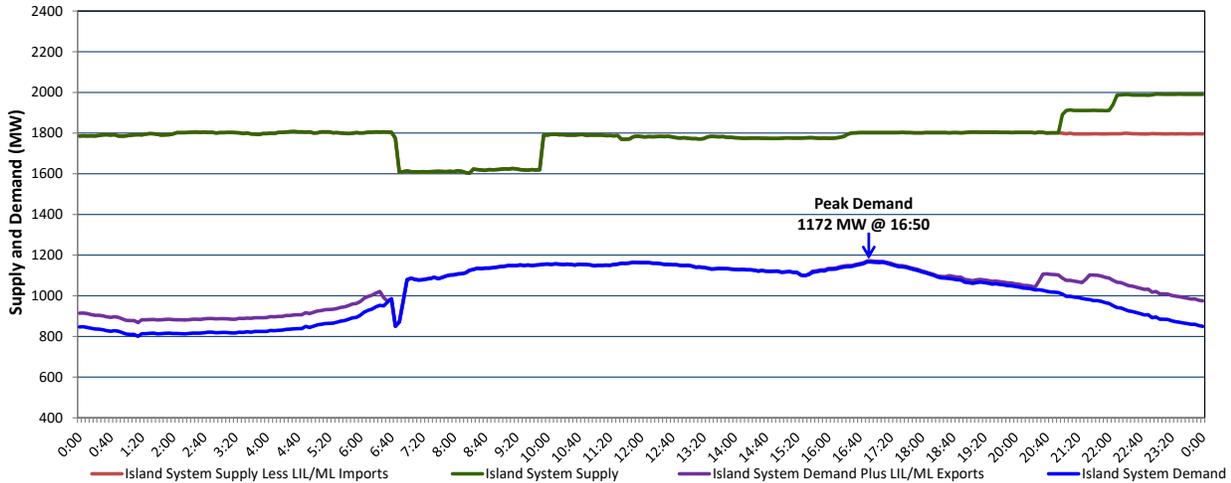


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, November 15, 2022

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Monday, November 14, 2022



Supply Notes For November 14, 2022

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- A As of 1040 hours, August 27, 2022, Holyrood Unit 3 available but not operating (150 MW).
- B As of 0806 hours, November 10, 2022, St. Anthony Diesel Plant available at 8.7 MW (9.7 MW).
- C As of 1826 hours, November 13, 2022, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- D At 0648 hours, November 14, 2022, Holyrood Unit 1 unavailable (170 MW).
- E At 0951 hours, November 14, 2022, Holyrood Unit 1 available (170 MW).

Section 2 Island Interconnected Supply and Demand

Tue, Nov 15, 2022	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	2,039	MW	Tuesday, November 15, 2022	2	1	1,420	1,324
NLH Island Generation: ^{4,8}	1,465	MW	Wednesday, November 16, 2022	-1	0	1,220	1,126
NLH Island Power Purchases: ⁶	105	MW	Thursday, November 17, 2022	4	7	1,130	1,037
Other Island Generation:	220	MW	Friday, November 18, 2022	2	2	1,135	1,042
ML/LIL Imports:	249	MW	Saturday, November 19, 2022	2	3	1,110	1,017
Current St. John's Temperature & Windchill:	2 °C	N/A	Sunday, November 20, 2022	0	1	1,135	1,042
7-Day Island Peak Demand Forecast:	1,420	MW	Monday, November 21, 2022	-1	2	1,240	1,146

Supply Notes For November 15, 2022

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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.
 8. Due to limitations inherent in the design of combustion turbines, the output of combustion turbines may be reduced in the event that ambient temperatures exceed the threshold.

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

Mon, Nov 14, 2022	Actual Island Peak Demand ⁹	16:50	1,172 MW
Tue, Nov 15, 2022	Forecast Island Peak Demand		1,420 MW

- Notes: 9. 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).