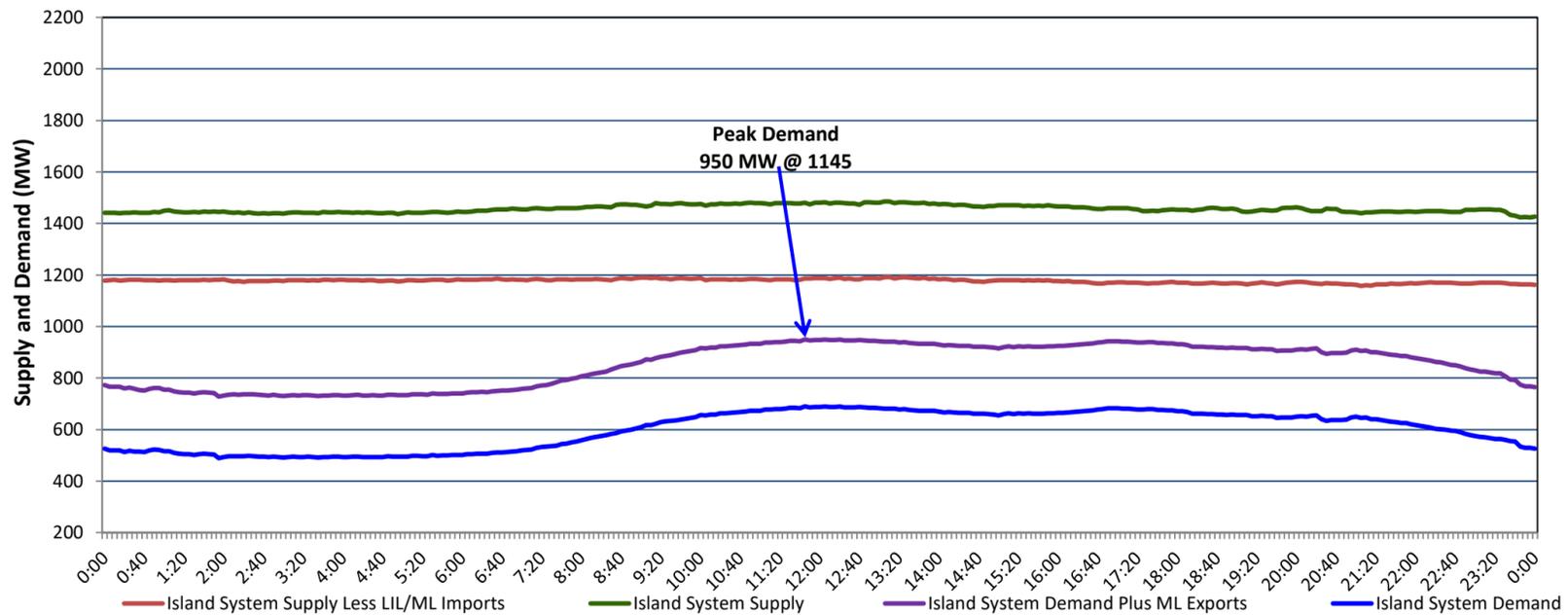


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, August 21, 2023

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, August 19, 2023



Supply Notes For August 19, 2023

1,2

- A As of 0701 hours, March 06, 2023, Upper Salmon Unit unavailable (84 MW).
- B As of 0800 hours, May 21, 2023, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- C As of 0903 hours, June 29, 2023, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- D As of 0800 hours, July 09, 2023, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- E As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable (50 MW).
- F As of 2238 hours, July 25, 2023, Bay d'Espoir Unit 6 unavailable (76.5 MW).
- G As of 0822 hours, August 06, 2023, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- H As of 0933 hours, August 15, 2023, Holyrood Unit 3 unavailable due to planned outage (150 MW).

Section 2 Island Interconnected Supply and Demand

Sun, Aug 20, 2023	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	1,425	MW	Sunday, August 20, 2023		19	20	985	985
NLH Island Generation: ^{4,8}	835	MW	Monday, August 21, 2023		18	17	975	975
NLH Island Power Purchases: ⁶	110	MW	Tuesday, August 22, 2023		17	15	740	740
Other Island Generation:	200	MW	Wednesday, August 23, 2023		14	12	755	755
ML/LIL Imports:	280	MW	Thursday, August 24, 2023		13	12	755	755
Current St. John's Temperature & Windchill:	16 °C	N/A °C	Friday, August 25, 2023		14	13	760	760
7-Day Island Peak Demand Forecast:	985	MW	Saturday, August 26, 2023		14	17	720	720

Supply Notes For August 20, 2023

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.
 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

Sat, Aug 19, 2023	Actual Island Peak Demand ⁹	11:45	950 MW
Sun, Aug 20, 2023	Forecast Island Peak Demand		985 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).