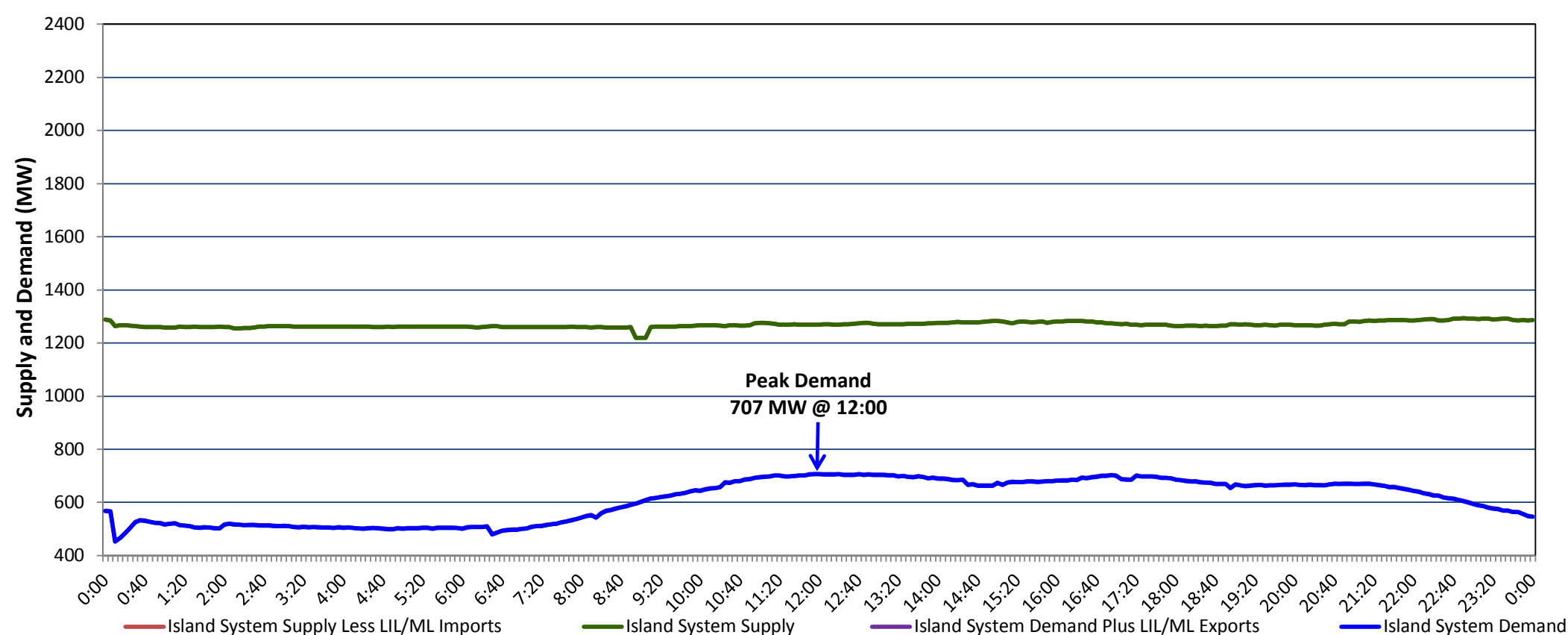


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, August 09, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, August 08, 2021**



Supply Notes For August 08, 2021

- 1,2
- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
 - B As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
 - C As of 0850 hours, July 25, 2021, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
 - D As of 1051 hours, July 25, 2021, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
 - E As of 1052 hours, August 01, 2021, Upper Salmon Unit unavailable due to planned outage (84 MW).
 - F At 0006 hours, August 08, 2021, Hardwoods Gas Turbine unavailable (50 MW).
 - G At 0006 hours, August 08, 2021, Holyrood Unit 2 unavailable (170 MW).
 - H At 0006 hours, August 08, 2021, Holyrood Gas Turbine unavailable (123.5 MW).
 - I At 0006 hours, August 08, 2021, Holyrood Diesels unavailable (10 MW).
 - J At 0009 hours, August 08, 2021, Hardwoods Gas Turbine available (50 MW).
 - K At 0009 hours, August 08, 2021, Holyrood Unit 2 available but not operating (170 MW).
 - L At 0009 hours, August 08, 2021, Holyrood Gas Turbine available (123.5 MW).
 - M At 0009 hours, August 08, 2021, Holyrood Diesels available (10 MW).
 - N At 0853 hours, August 08, 2021, Granite Canal Unit unavailable (40 MW).
 - O At 0906 hours, August 08, 2021, Granite Canal Unit available (40 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Aug 09, 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	1,295	MW		Monday, August 09, 2021	13	12	745	745
NLH Island Generation: ⁴	965	MW		Tuesday, August 10, 2021	14	17	740	740
NLH Island Power Purchases: ⁶	110	MW		Wednesday, August 11, 2021	17	16	735	735
Other Island Generation:	220	MW		Thursday, August 12, 2021	15	17	765	765
ML/LIL Imports:	-	MW		Friday, August 13, 2021	19	21	755	755
Current St. John's Temperature & Windchill:	12 °C	N/A	°C	Saturday, August 14, 2021	20	21	715	715
7-Day Island Peak Demand Forecast:	765	MW		Sunday, August 15, 2021	18	17	685	685

Supply Notes For August 09, 2021

- 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.

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

Sun, Aug 08, 2021	Actual Island Peak Demand ⁸	12:00	707 MW
Mon, Aug 09, 2021	Forecast Island Peak Demand		745 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).