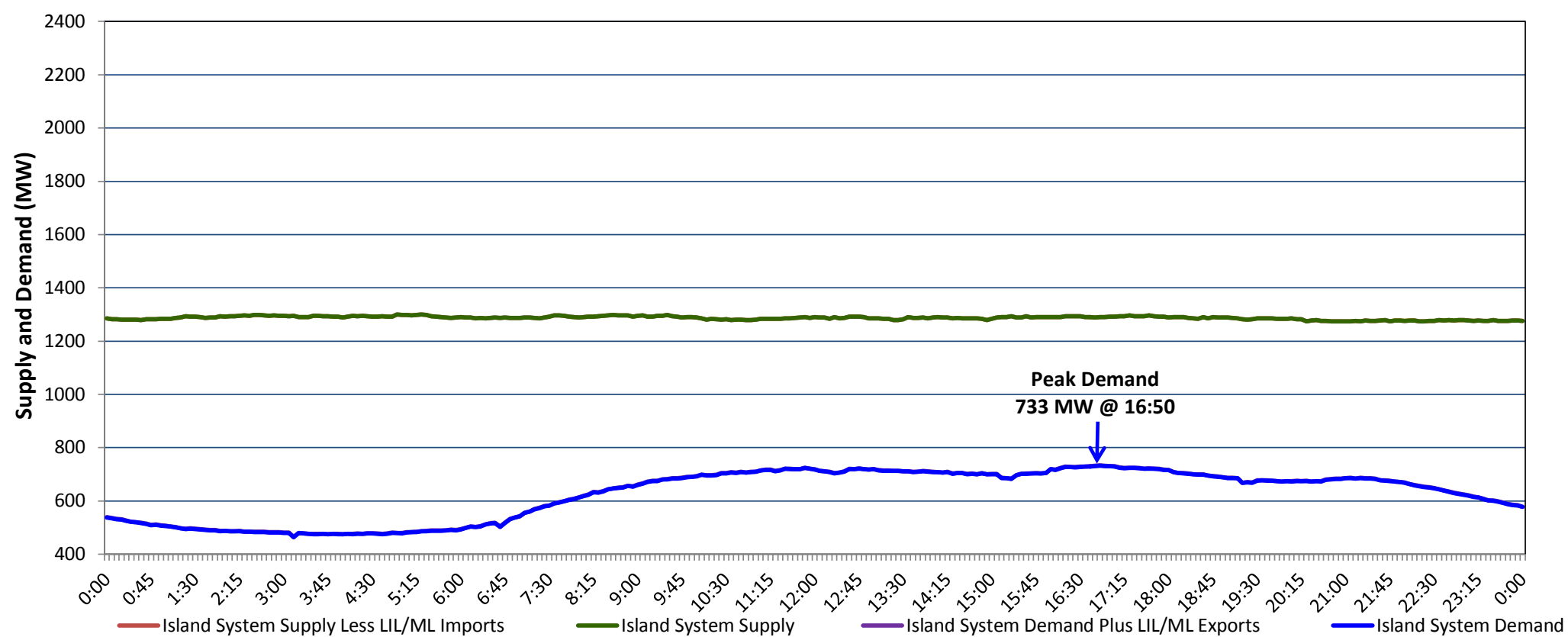


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, August 09, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, August 06, 2021**



Supply Notes For August 06, 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 0720 hours, June 26, 2021, Holyrood Unit 2 available but not operating (170 MW).
- D As of 0850 hours, July 25, 2021, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- E As of 1051 hours, July 25, 2021, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- F As of 1052 hours, August 01, 2021, Upper Salmon Unit unavailable due to planned outage (84 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Aug 07, 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	1,300	MW		Saturday, August 07, 2021	21	20	730	730
NLH Island Generation: ⁴	965	MW		Sunday, August 08, 2021	19	12	720	720
NLH Island Power Purchases: ⁶	120	MW		Monday, August 09, 2021	13	12	765	765
Other Island Generation:	215	MW		Tuesday, August 10, 2021	13	15	735	735
ML/LIL Imports:	-	MW		Wednesday, August 11, 2021	17	14	740	740
Current St. John's Temperature & Windchill:	22 °C	N/A	°C	Thursday, August 12, 2021	14	15	765	765
7-Day Island Peak Demand Forecast:	765	MW		Friday, August 13, 2021	21	21	765	765

Supply Notes For August 07, 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**

Fri, Aug 06, 2021	Actual Island Peak Demand ⁸	16:50	733 MW
Sat, Aug 07, 2021	Forecast Island Peak Demand		730 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).