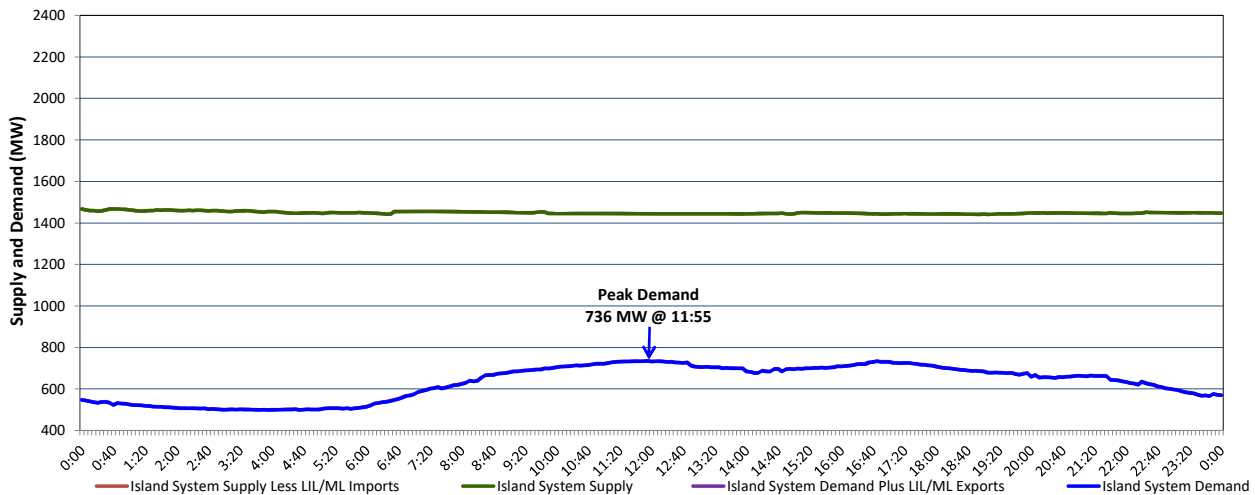


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, July 22, 2021

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, July 21, 2021



Supply Notes For July 21, 2021

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- 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 0931 hours, July 04, Granite Canal Unit unavailable due to planned outage (40 MW).
 E At 0947 hours, July 21, 2021, Paradise River Unit unavailable (8 MW).

Section 2 Island Interconnected Supply and Demand

Thu, Jul 22, 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	1,310	MW	Thursday, July 22, 2021		11	12	785	785
NLH Island Generation: ⁴	1,000	MW	Friday, July 23, 2021		13	15	775	775
NLH Island Power Purchases: ⁶	100	MW	Saturday, July 24, 2021		14	15	735	735
Other Island Generation:	210	MW	Sunday, July 25, 2021		14	14	730	730
ML/LIL Imports:	-	MW	Monday, July 26, 2021		16	18	760	760
Current St. John's Temperature & Windchill:	10 °C	N/A	Tuesday, July 27, 2021		16	17	755	755
7-Day Island Peak Demand Forecast:	785	MW	Wednesday, July 28, 2021		16	17	765	765

Supply Notes For July 22, 2021

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- F At 0630 hours, July 22, 2021, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).

- 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

Wed, Jul 21, 2021	Actual Island Peak Demand ⁸	11:55	736 MW
Thu, Jul 22, 2021	Forecast Island Peak Demand		785 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).