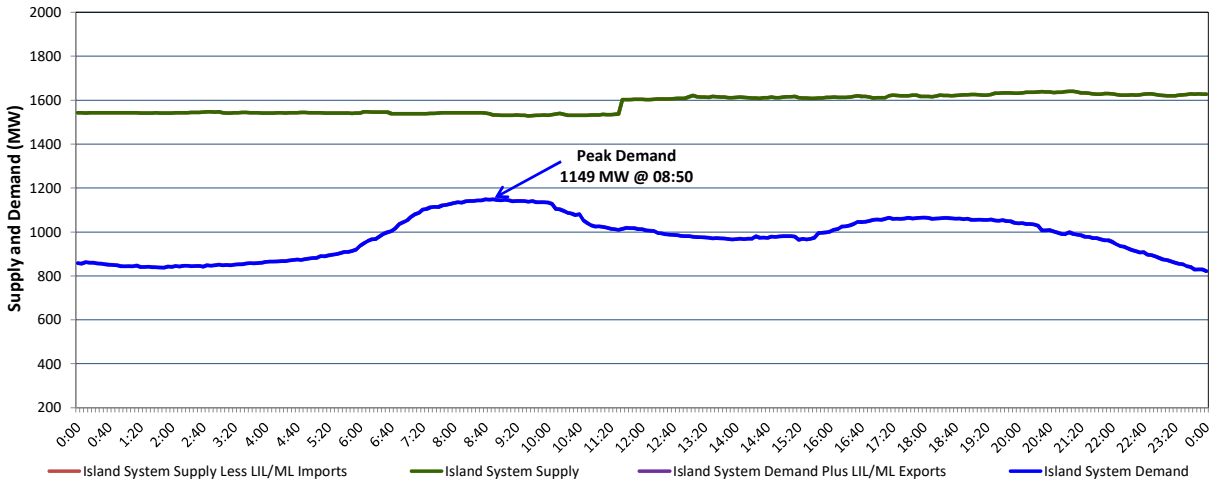


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, October 30, 2020

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Thursday, October 29, 2020



Supply Notes For October 29, 2020

- 1,2
- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
 - B As of 0850 hours, October 16, 2020, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - C As of 1510 hours, October 27, 2020, Holyrood Unit 1 unavailable 70 MW (170 MW).
 - D At 0909 hours, October 29, 2020, Hawkes Bay Diesel Plant available at 2.5 MW (5 MW).
 - E At 1134 hours, October 29, 2020, Hinds Lake Unit available at 65 MW (75 MW).
 - F At 1438 hours, October 29, 2020, Hawkes Bay Diesel Plant available at full capacity (5 MW).

Section 2 Island Interconnected Supply and Demand

Fri, Oct 30, 2020	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	1,640	MW	Friday, October 30, 2020	1	1	1,145	1,145
NLH Island Generation: ⁴	1,285	MW	Saturday, October 31, 2020	2	0	1,140	1,140
NLH Island Power Purchases: ⁶	125	MW	Sunday, November 1, 2020	1	4	1,045	953
Other Island Generation:	230	MW	Monday, November 2, 2020	9	12	1,065	973
ML/LIL Imports:	-	MW	Tuesday, November 3, 2020	8	2	1,150	1,057
Current St. John's Temperature & Windchill:	2 °C	N/A °C	Wednesday, November 4, 2020	-1	-1	1,185	1,091
7-Day Island Peak Demand Forecast:	1,245	MW	Thursday, November 5, 2020	-3	5	1,245	1,151

Supply Notes For October 30, 2020

- 3
- Notes:
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
 - 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

Thu, Oct 29, 2020	Actual Island Peak Demand ⁸	8:50	1,149 MW
Fri, Oct 30, 2020	Forecast Island Peak Demand		1,145 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).