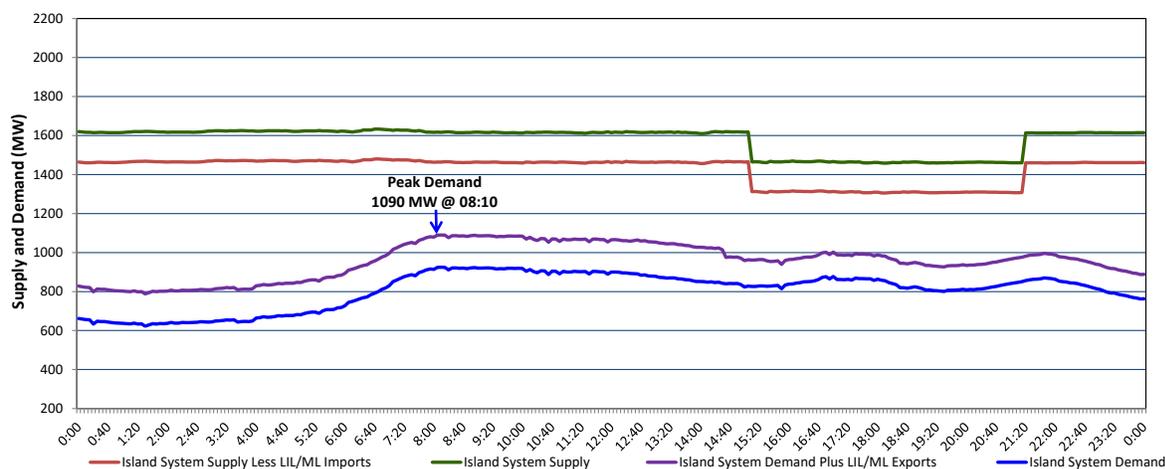


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, June 08, 2022

Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Tuesday, June 07, 2022



Supply Notes For June 07, 2022

- 1,2
- A As of 0857 hours, April 04, 2022, Holyrood Unit 3 unavailable due to planned outage (150 MW).
 - B As of 1327 hours, May 08, 2022, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
 - C As of 1234 hours, May 09, 2022, Holyrood Unit 1 available but not operating (170 MW).
 - D As of 2351 hours, May 28, 2022, Holyrood Unit 2 available but not operating 150 MW (170 MW).
 - E As of 1317 hours, May 29, 2022, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
 - F At 1509 hours, June 07, 2022, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
 - G At 1509 hours, June 07, 2022, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - H At 2120 hours, June 07, 2022, Bay d'Espoir Unit 3 available (76.5 MW).
 - I At 2120 hours, June 07, 2022, Bay d'Espoir Unit 4 available (76.5 MW).

Section 2 Island Interconnected Supply and Demand

Wed, Jun 08, 2022	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	1,572 MW	Wednesday, June 8, 2022	6	5	1,065	1,065
NLH Island Generation: ^{4,8}	1,125 MW	Thursday, June 9, 2022	8	10	900	900
NLH Island Power Purchases: ⁶	100 MW	Friday, June 10, 2022	10	13	855	855
Other Island Generation:	220 MW	Saturday, June 11, 2022	14	13	745	745
ML/LIL Imports:	127 MW	Sunday, June 12, 2022	14	14	750	750
Current St. John's Temperature & Windchill:	4 °C	Monday, June 13, 2022	9	8	850	850
7-Day Island Peak Demand Forecast:	1,065 MW	Tuesday, June 14, 2022	6	6	975	975

Supply Notes For June 08, 2022

- 3
- J At 0800 hours, June 08, 2022, Holyrood Unit 1 unavailable due to planned outage (170 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.
 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

Tue, Jun 07, 2022	Actual Island Peak Demand ⁹	8:10	1,090 MW
Wed, Jun 08, 2022	Forecast Island Peak Demand		1,065 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).