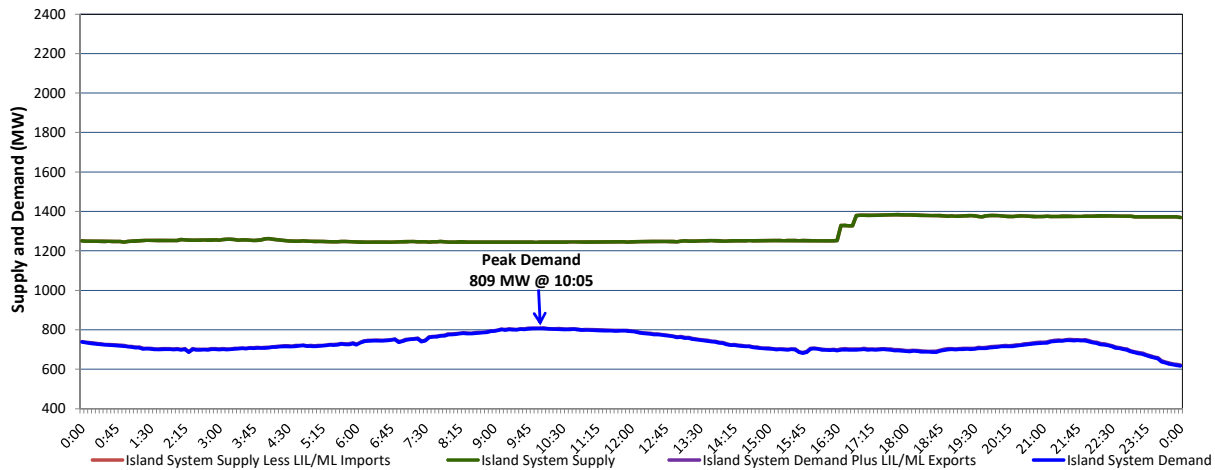


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, May 31, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, May 30, 2021**



Supply Notes For May 30, 2021

- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 1226 hours, May 21, 2021, Holyrood Unit 2 available but not operating (170 MW).
- C As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D As of 1442 hours, May 28, 2021, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- E As of 0749 hours, May 29, 2021, Bay d'Espoir Unit 1 unavailable (76.5 MW).
- F At 1632 hours, May 30, 2021, Bay d'Espoir Unit 5 available (76.5 MW).
- G At 1655 hours, May 30, 2021, Stephenville Gas Turbine available (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, May 31, 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	1,385 MW	Monday, May 31, 2021	10	9	915	915
NLH Island Generation: ⁴	1,050 MW	Tuesday, June 1, 2021	15	12	805	805
NLH Island Power Purchases: ⁶	100 MW	Wednesday, June 2, 2021	12	15	795	795
Other Island Generation:	235 MW	Thursday, June 3, 2021	12	15	795	795
ML/LIL Imports:	- MW	Friday, June 4, 2021	13	14	800	800
Current St. John's Temperature & Windchill:	11 °C N/A °C	Saturday, June 5, 2021	14	10	740	740
7-Day Island Peak Demand Forecast:	915 MW	Sunday, June 6, 2021	13	9	785	785

Supply Notes For May 31, 2021

- 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, May 30, 2021	Actual Island Peak Demand ⁸	10:05	809 MW
Mon, May 31, 2021	Forecast Island Peak Demand		915 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).