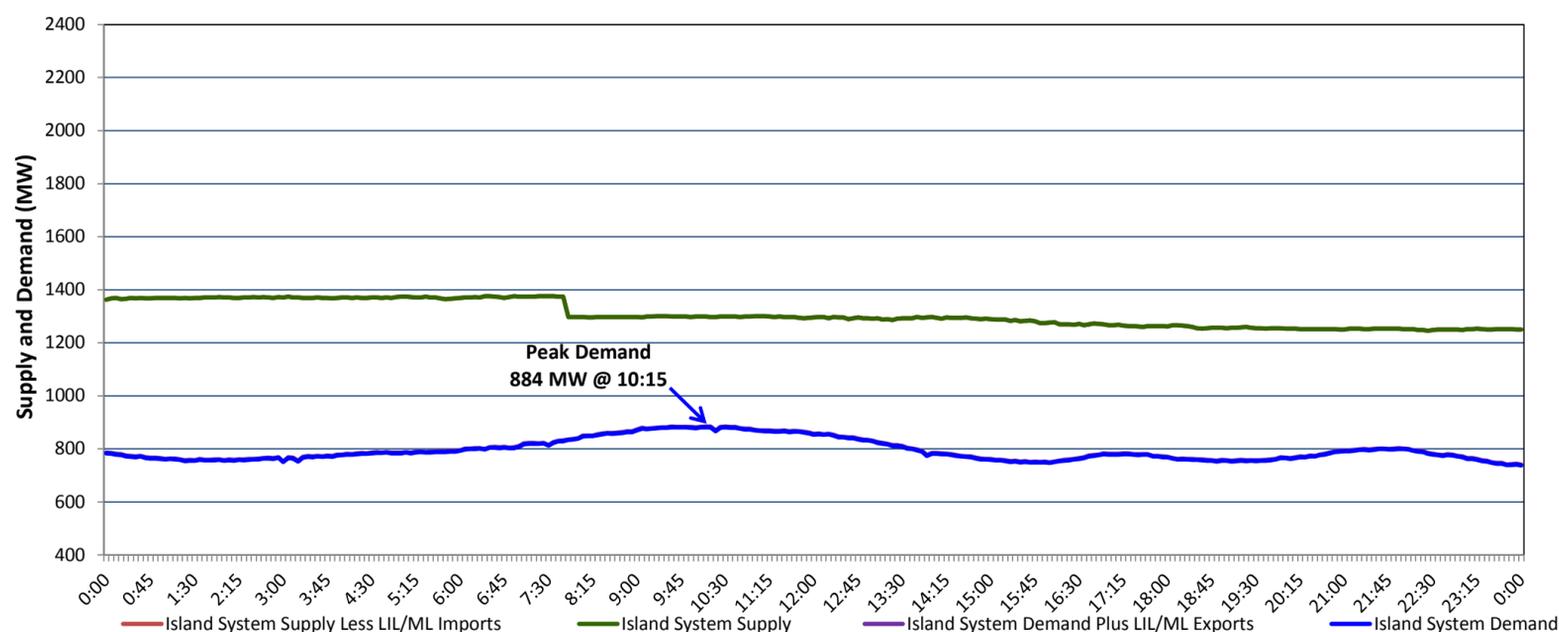


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, May 31, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, May 29, 2021**



Supply Notes For May 29, 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 0830 hours, May 25, 2021, Stephenville Gas Turbine unavailable due to planned outage (50 MW).
- D As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- E As of 1330 hours, May 28, 2021, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- F As of 1442 hours, May 28, 2021, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- G At 0749 hours, May 29, 2021, Bay d'Espoir Unit 1 unavailable (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Sun, May 30, 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	1,255	MW		Sunday, May 30, 2021	8	9	805	805
NLH Island Generation: ⁴	925	MW		Monday, May 31, 2021	9	9	900	900
NLH Island Power Purchases: ⁶	95	MW		Tuesday, June 01, 2021	15	12	810	810
Other Island Generation:	235	MW		Wednesday, June 02, 2021	12	14	800	800
ML/LIL Imports:	-	MW		Thursday, June 03, 2021	13	16	785	785
Current St. John's Temperature & Windchill:	5 °C	N/A	°C	Friday, June 04, 2021	15	14	775	775
7-Day Island Peak Demand Forecast:	900	MW		Saturday, June 05, 2021	12	14	765	765

Supply Notes For May 30, 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**

Sat, May 29, 2021	Actual Island Peak Demand ⁸	10:15	884 MW
Sun, May 30, 2021	Forecast Island Peak Demand		805 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).