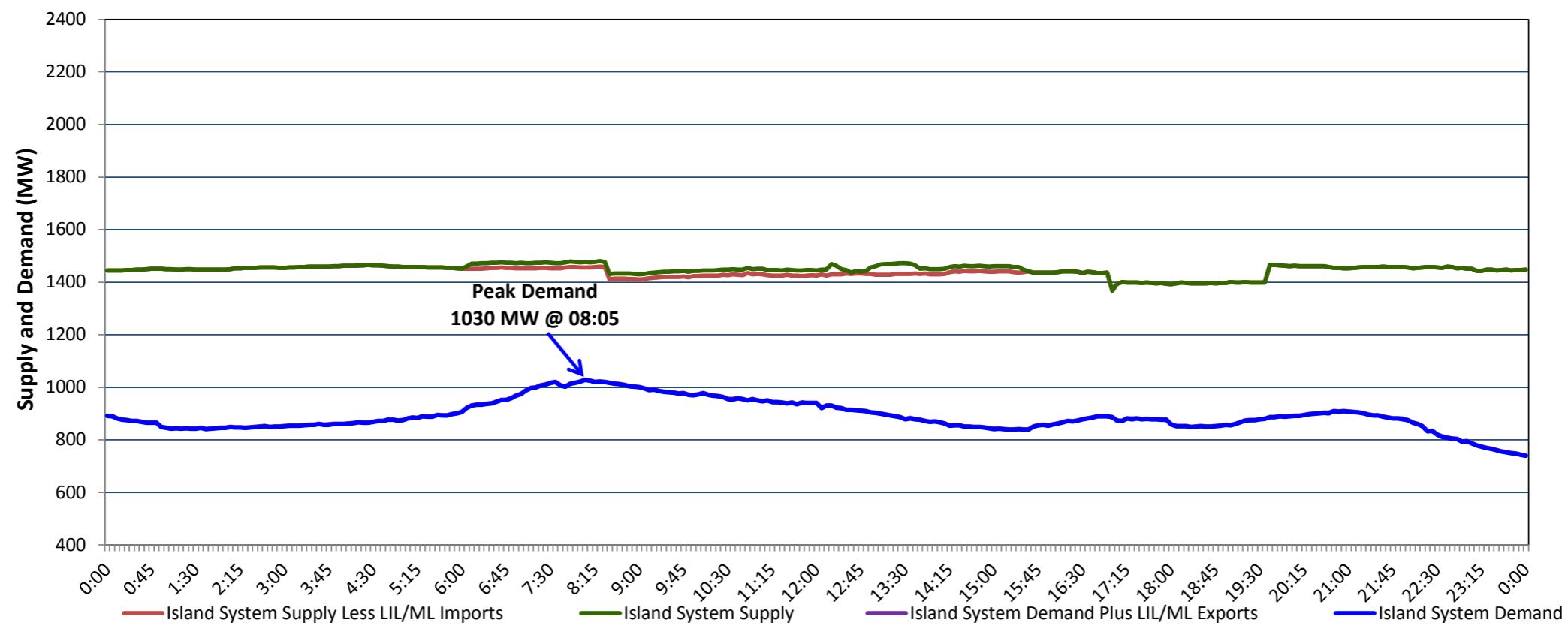


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, May 26, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, May 25, 2021**



Supply Notes For May 25, 2021

- 1,2
- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
 - B As of 0709 hours, May 07, 2021, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
 - C As of 1827 hours, May 07, 2021, Holyrood Unit 1 available but not operating (170 MW).
 - D As of 1226 hours, May 21, 2021, Holyrood Unit 2 available but not operating (170 MW).
 - E At 0830 hours, May 25, 2021, Stephenville Gas Turbine unavailable due to planned outage (50 MW).
 - F At 1657 hours, May 25, 2021, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
 - G At 1701 hours, May 25, 2021, Hardwoods Gas Turbine available at full capacity (50 MW).
 - H At 1938 hours, May 25, 2021, Cat Arm Unit 1 available (67 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, May 26, 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	1,365	MW		Wednesday, May 26, 2021	8	11	945	945
NLH Island Generation: ⁴	1,010	MW		Thursday, May 27, 2021	12	12	845	845
NLH Island Power Purchases: ⁶	120	MW		Friday, May 28, 2021	8	7	915	915
Other Island Generation:	235	MW		Saturday, May 29, 2021	6	7	860	860
ML/LIL Imports:	-	MW		Sunday, May 30, 2021	7	7	805	805
Current St. John's Temperature & Windchill:	6 °C	N/A	°C	Monday, May 31, 2021	9	10	800	800
7-Day Island Peak Demand Forecast:	945	MW		Tuesday, June 01, 2021	8	11	895	895

Supply Notes For May 26, 2021

- 3
- I At 0601 hours, May 26, 2021, Cat Arm Unit 1 unavailable due to planned outage (67 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**

Tue, May 25, 2021	Actual Island Peak Demand ⁸	08:05	1,030 MW
Wed, May 26, 2021	Forecast Island Peak Demand		945 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).