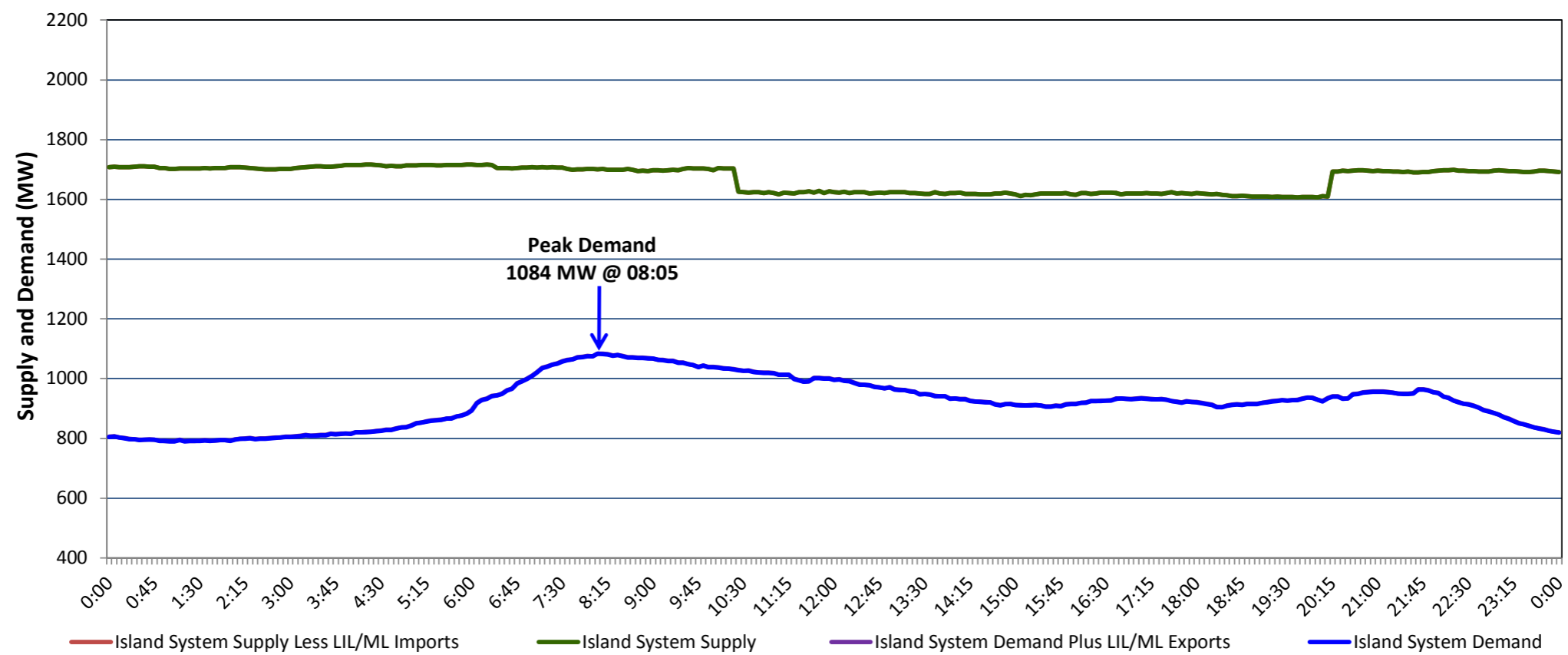


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, May 08, 2019**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, May 07, 2019**



Supply Notes For May 07, 2019

- 1,2
- A As of 0000 hours, April 01, 2019, Holyrood Unit 3 unavailable due to planned outage (150 MW).
 - B As of 0900 hours, April 23, 2019, St. Anthony Diesel Plant unavailable due to planned outage 7.7 MW (9.7 MW).
 - C As of 1833 hours, April 27, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).
 - D As of 0918 hours, May 01, 2019, Holyrood Unit 1 available at 166 MW (170 MW).
 - E As of 1049 hours, May 02, 2019, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
 - F As of 1430 hours, May 05, 2019, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - G At 1023 hours, May 07, 2019, Upper Salmon Unit unavailable due to planned outage (84 MW).
 - H At 2014 hours, May 07, 2019, Upper Salmon Unit available (84 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, May 08, 2019	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	1,680	MW		Wednesday, May 08, 2019	3	2	1,095	1,095
NLH Island Generation: ⁴	1,350	MW		Thursday, May 09, 2019	1	1	1,145	1,145
NLH Island Power Purchases: ⁶	115	MW		Friday, May 10, 2019	1	1	1,200	1,200
Other Island Generation:	215	MW		Saturday, May 11, 2019	1	1	1,150	1,150
ML/LIL Imports:	-	MW		Sunday, May 12, 2019	2	2	1,135	1,135
Current St. John's Temperature & Windchill:	2 °C	N/A	°C	Monday, May 13, 2019	2	2	1,150	1,150
7-Day Island Peak Demand Forecast:	1,200	MW		Tuesday, May 14, 2019	1	1	1,135	1,135

Supply Notes For May 08, 2019

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- 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 07, 2019	Actual Island Peak Demand ⁸	08:05	1,084 MW
Wed, May 08, 2019	Forecast Island Peak Demand		1,095 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).