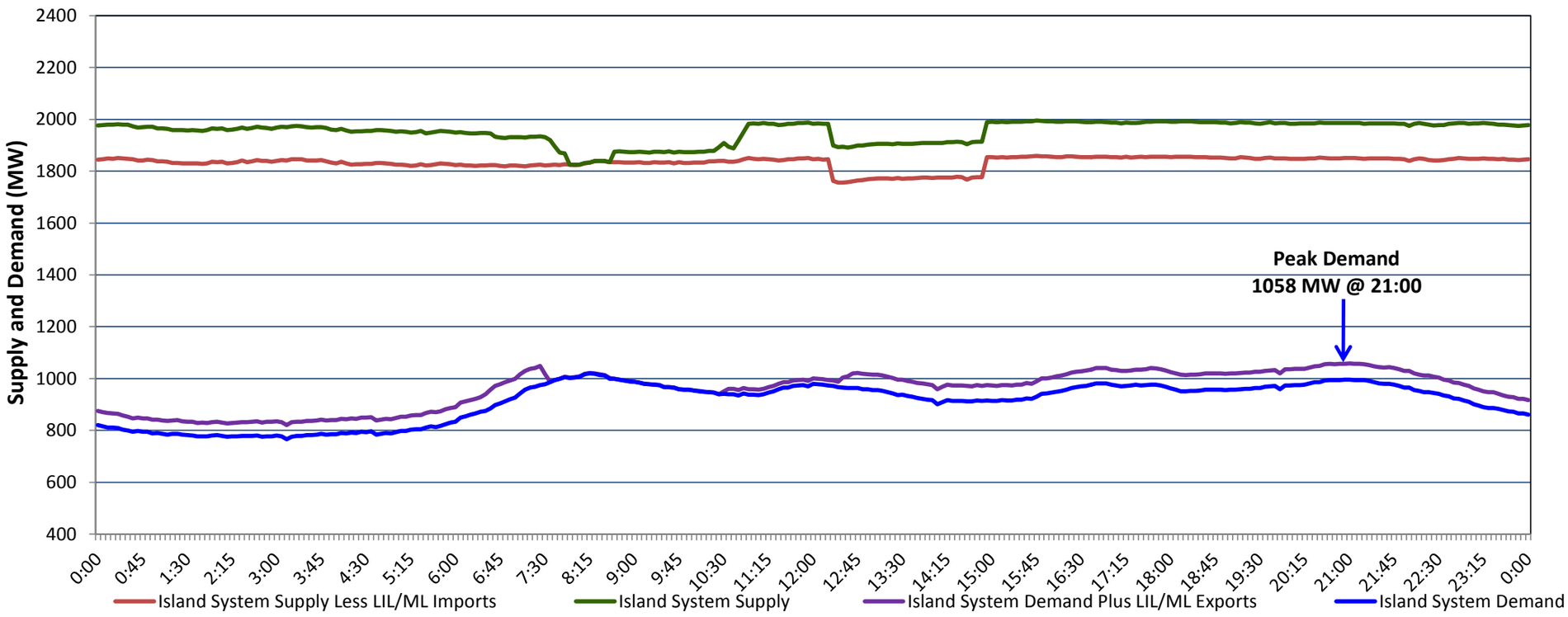
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, May 04, 2021

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Monday, May 03, 2021



Supply Notes For May 03, 2021 [1,2]

A	As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
B	As of 1047 hours, April 25, 2021, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
C	At 1216 hours, May 03, 2021, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
D	At 1451 hours, May 03, 2021, Bay d'Espoir Unit 2 available (76.5 MW).

Section 2
Island Interconnected Supply and Demand

Tue, May 04, 2021		Island System Outlook[3]	
Available Island System Supply:[5]		**2,021**	**MW**
NLH Island Generation:[4]		1,465	MW
NLH Island Power Purchases:[6]		130	MW
Other Island Generation:		245	MW
ML/LIL Imports:		181	MW
Current St. John's Temperature & Windchill:	3 °C	N/A	°C
7-Day Island Peak Demand Forecast:		**1,070**	MW

Seven-Day Forecast	Temperature (°C) Morning	Evening	Island System Daily Peak Demand (MW) Forecast	Adjusted[7]
Tuesday, May 04, 2021	5	7	**1,050**	**1,050**
Wednesday, May 05, 2021	3	3	1,025	1,025
Thursday, May 06, 2021	2	3	1,070	1,070
Friday, May 07, 2021	4	4	1,050	1,050
Saturday, May 08, 2021	5	7	985	985
Sunday, May 09, 2021	7	6	920	920
Monday, May 10, 2021	8	7	925	925

Supply Notes For May 04, 2021 [3]

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

Mon, May 03, 2021	Actual Island Peak Demand[8]	21:00	1,058 MW
Tue, May 04, 2021	Forecast Island Peak Demand		1,050 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).