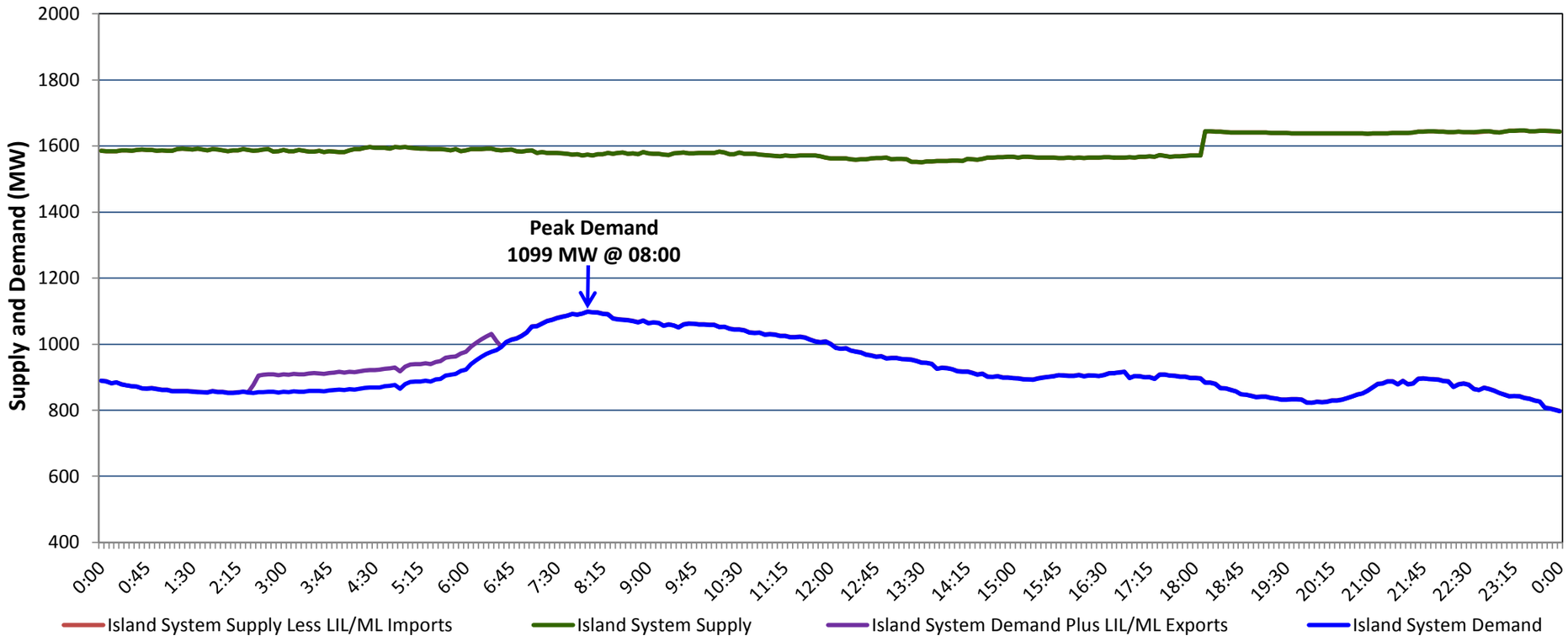
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, May 27, 2019

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



Supply Notes For May 24, 2019 [1,2]

A	As of 0000 hours, April 01, 2019, Holyrood Unit 3 unavailable due to planned outage (150 MW).
B	As of 0729 hours, May 12, 2019, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
C	As of 1000 hours, May 16, 2019, Holyrood Unit 2 removed from service for economic dispatch (170 MW).
D	As of 0805 hours, May 21, 2019, Hardwoods Gas Turbine unavailable due to planned outage 25 MW (50 MW).
E	At 1808 hours, May 24, 2019, Bay d'Espoir Unit 4 available (76.5 MW).

Section 2
Island Interconnected Supply and Demand

Sat, May 25, 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]		**1,675**	**MW**	Saturday, May 25, 2019	6	4	**940**	**940**
NLH Island Generation:[4]		1,320	MW	Sunday, May 26, 2019	6	5	885	885
NLH Island Power Purchases:[6]		95	MW	Monday, May 27, 2019	2	4	1,075	1,075
Other Island Generation:		210	MW	Tuesday, May 28, 2019	4	3	1,000	1,000
ML/LIL Imports:		50	MW	Wednesday, May 29, 2019	4	6	1,010	1,010
Current St. John's Temperature & Windchill:	8 °C	N/A	°C	Thursday, May 30, 2019	7	9	955	955
7-Day Island Peak Demand Forecast:		**1,075**	MW	Friday, May 31, 2019	7	5	960	960

Supply Notes For May 25, 2019 [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

Fri, May 24, 2019	Actual Island Peak Demand[8]	08:00	1,099	MW
Sat, May 25, 2019	Forecast Island Peak Demand		940	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).