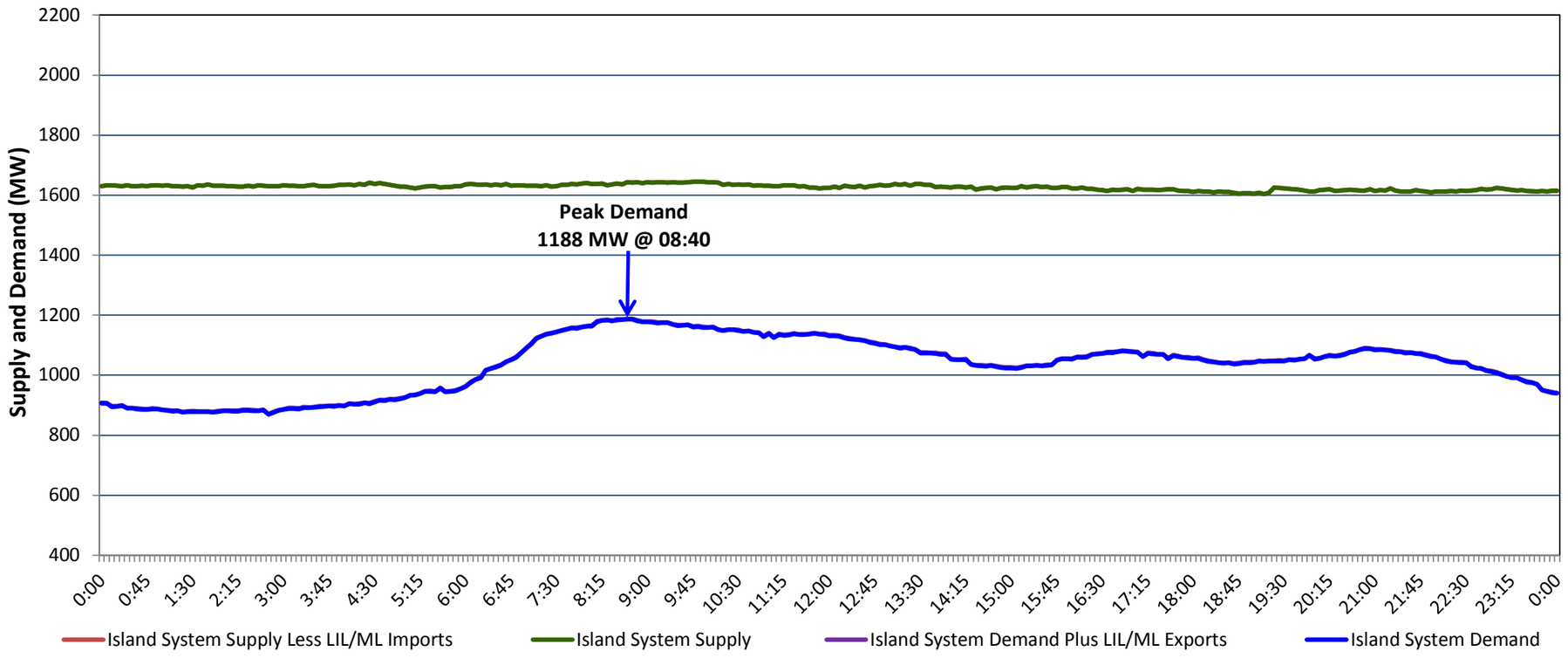
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, May 06, 2019

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, May 03, 2019



Supply Notes For May 03, 2019 [1,2]

A	As of 0000 hours, April 01, 2019, Holyrood Unit 3 unavailable due to planned outage (150 MW).
B	As of 1134 hours, April 12, 2019, Holyrood Unit 2 unavailable (170 MW).
C	As of 0900 hours, April 23, 2019, St. Anthony Diesel Plant unavailable due to planned outage 7.7 MW (9.7 MW).
D	As of 1833 hours, April 27, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).
E	As of 0918 hours, May 01, 2019, Holyrood Unit 1 available at 166 MW (170 MW).
F	As of 1049 hours, May 02, 2019, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
G	At 1013 hours, May 03, 2019, Paradise River Unit unavailable (8 MW).
H	At 1916 hours, May 03, 2019, Paradise River Unit available (8 MW).

Section 2
Island Interconnected Supply and Demand

Sat, May 04, 2019	Island System Outlook[3]			Seven-Day Forecast	Temperature (°C) Morning	Evening	Island System Daily Peak Demand (MW) Forecast	Adjusted[7]
Available Island System Supply:[5]	**1,760**	**MW**		Saturday, May 04, 2019	2	5	**1,085**	**1,085**
NLH Island Generation:[4]	1,425	MW		Sunday, May 05, 2019	5	7	1,010	1,010
NLH Island Power Purchases:[6]	120	MW		Monday, May 06, 2019	2	5	1,175	1,175
Other Island Generation:	215	MW		Tuesday, May 07, 2019	3	3	1,115	1,115
ML/LIL Imports:	-	MW		Wednesday, May 08, 2019	3	2	1,065	1,065
Current St. John's Temperature & Windchill: 2 °C	N/A	°C		Thursday, May 09, 2019	3	2	1,090	1,090
7-Day Island Peak Demand Forecast:	**1,180**	MW		Friday, May 10, 2019	1	1	1,180	1,180

Supply Notes For May 04, 2019 [3]

I	At 0156 hours, May 04, 2019, Holyrood Unit 2 available (170 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

Fri, May 03, 2019	Actual Island Peak Demand[8]	08:40	1,188 MW
Sat, May 04, 2019	Forecast Island Peak Demand		1,085 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).