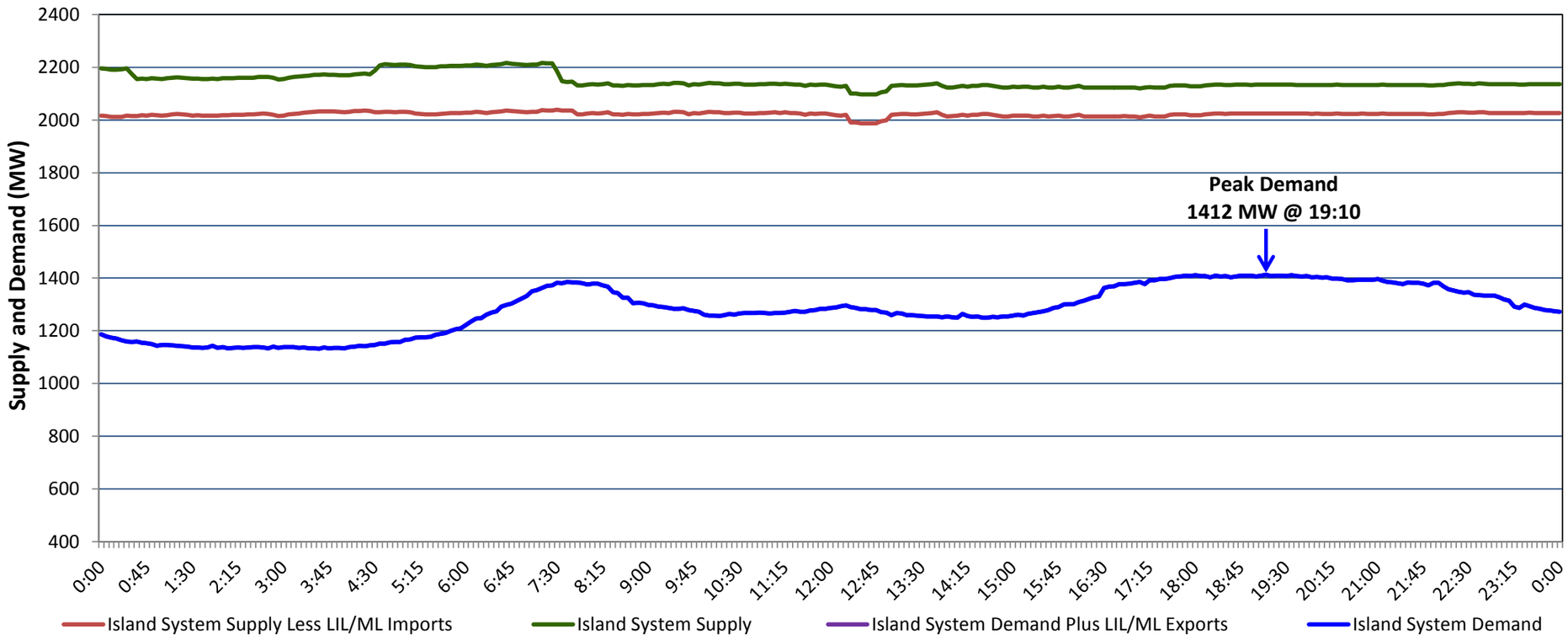
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, February 27, 2019

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, February 26, 2019



Supply Notes For February 26, 2019 [1,2]

A	As of 1527 hours, February 22, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).
B	At 1017 hours, February 26, 2019, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
C	At 1123 hours, February 26, 2019, St. Anthony Diesel Plant available at full capacity (9.7 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Feb 27, 2019	Island System Outlook[3]			Seven-Day Forecast	Temperature (°C) Morning	Temperature (°C) Evening	Island System Daily Peak Demand (MW) Forecast	Island System Daily Peak Demand (MW) Adjusted[7]
Available Island System Supply:[5]		**1,835**	**MW**	Wednesday, February 27, 2019	-6	-6	**1,570**	**1,466**
NLH Island Generation:[4]		1,490	MW	Thursday, February 28, 2019	-8	-8	1,585	1,481
NLH Island Power Purchases:[6]		150	MW	Friday, March 01, 2019	-10	-7	1,590	1,486
Other Island Generation:		195	MW	Saturday, March 02, 2019	-8	-6	1,455	1,352
ML/LIL Imports:		-	MW	Sunday, March 03, 2019	-7	-2	1,370	1,268
Current St. John's Temperature & Windchill:	-8 °C	-19	°C	Monday, March 04, 2019	-4	-3	1,445	1,342
7-Day Island Peak Demand Forecast:		**1,590**	MW	Tuesday, March 05, 2019	-6	-7	1,240	1,140

Supply Notes For February 27, 2019 [3]

D	At 0409 hours, February 27, 2019, Bay d'Espoir Unit 5 unavailable (76.5 MW).
E	At 0409 hours, February 27, 2019, Bay d'Espoir Unit 6 unavailable (76.5 MW).
F	At 0800 hours, February 27, 2019, Hardwoods Gas Turbine unavailable 25 MW (50 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, Feb 26, 2019	Actual Island Peak Demand[8]	19:10	1,412	MW
Wed, Feb 27, 2019	Forecast Island Peak Demand		1,570	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).