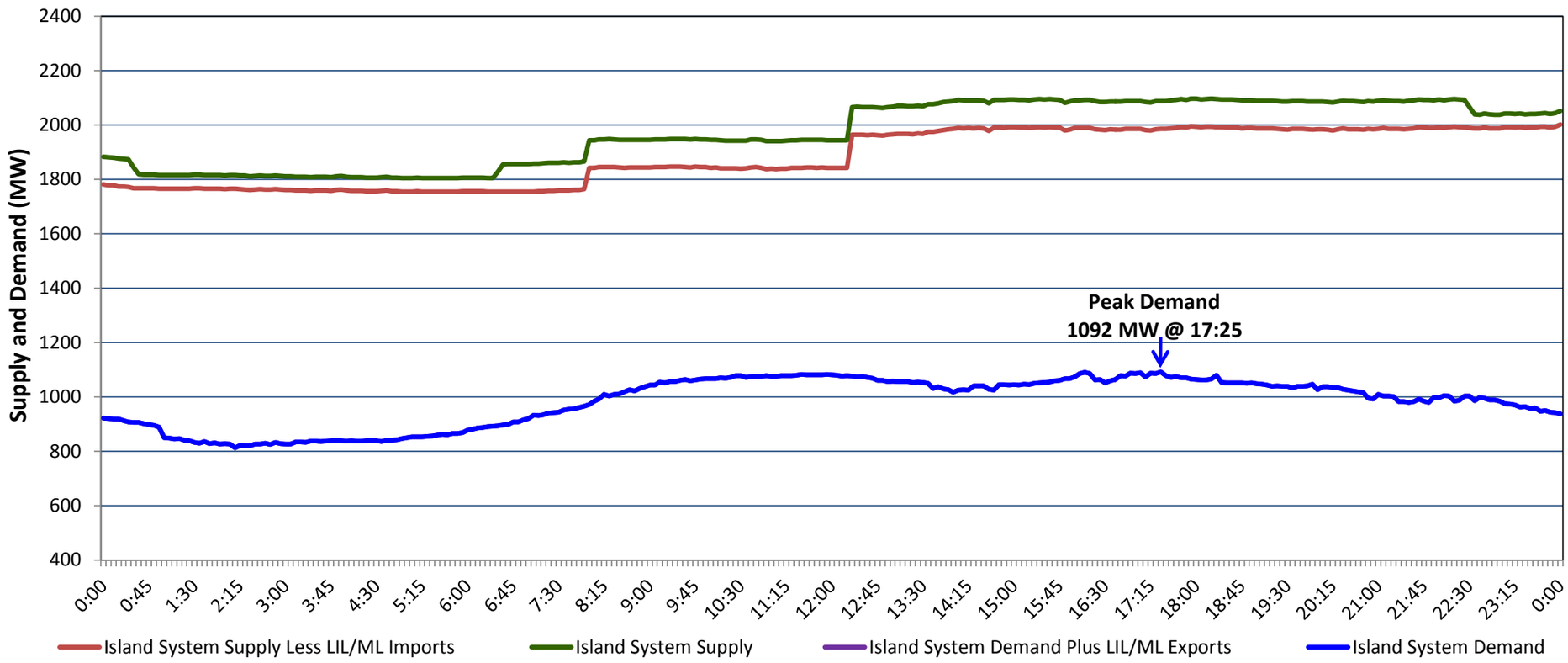
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, December 02, 2019

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, November 30, 2019



Supply Notes For November 30, 2019 [1,2]

A	As of 0932 hours, November 23, 2019, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
B	As of 1600 hours, November 28, 2019, Stephenville Gas Turbine available at 25 MW (50 MW).
C	At 0758 hours, November 30, 2019, Bay d'Espoir Unit 3 available (76.5 MW).
D	At 1218 hours, November 30, 2019, Holyrood Gas Turbine available (123.5 MW).

Section 2
Island Interconnected Supply and Demand

Sun, Dec 01, 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]		**2,005**	**MW**	Sunday, December 01, 2019	0	-2	**1,255**	**1,152**
NLH Island Generation:[4]		1,665	MW	Monday, December 02, 2019	-4	-2	1,380	1,276
NLH Island Power Purchases:[6]		140	MW	Tuesday, December 03, 2019	-1	4	1,335	1,232
Other Island Generation:		200	MW	Wednesday, December 04, 2019	6	2	1,300	1,197
ML/LIL Imports:		-	MW	Thursday, December 05, 2019	0	5	1,270	1,167
Current St. John's Temperature & Windchill:	1 °C	N/A	°C	Friday, December 06, 2019	0	-1	1,370	1,266
7-Day Island Peak Demand Forecast:		**1,380**	MW	Saturday, December 07, 2019	0	3	1,225	1,123

Supply Notes For December 01, 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

Sat, Nov 30, 2019	Actual Island Peak Demand[8]	17:25	1,092	MW
Sun, Dec 01, 2019	Forecast Island Peak Demand		1,255	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).