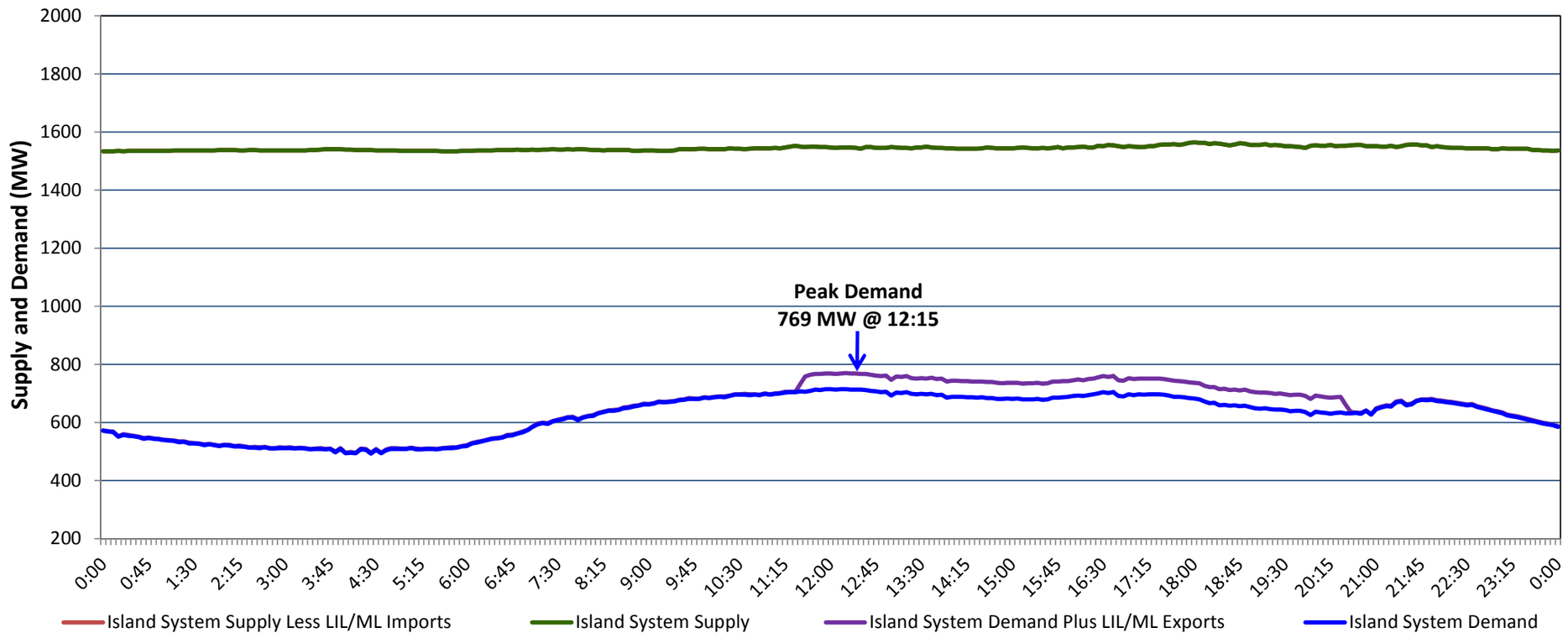
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, July 02, 2020

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, June 30, 2020



Supply Notes For June 30, 2020 [1,2]

A	As of 1000 hours, May 31, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
B	As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).
C	As of 0801 hours, June 19, 2020, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
D	As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
E	At 1452 hours, June 30, 2020, Granite Canal Unit available at 36 MW due to lower than normal water levels (40 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Jul 01, 2020	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]		**1,550**	**MW**	Wednesday, July 01, 2020	18	17	**770**	**770**
NLH Island Generation:[4]		1,215	MW	Thursday, July 02, 2020	17	13	775	775
NLH Island Power Purchases:[6]		120	MW	Friday, July 03, 2020	8	7	875	875
Other Island Generation:		215	MW	Saturday, July 04, 2020	9	9	740	740
ML/LIL Imports:		-	MW	Sunday, July 05, 2020	9	11	760	760
Current St. John's Temperature & Windchill:	18 °C	N/A	°C	Monday, July 06, 2020	13	13	770	770
7-Day Island Peak Demand Forecast:		**875**	MW	Tuesday, July 07, 2020	13	13	740	740

Supply Notes For July 01, 2020 [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

Tue, Jun 30, 2020	Actual Island Peak Demand[8]	12:15	769 MW
Wed, Jul 01, 2020	Forecast Island Peak Demand		770 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).