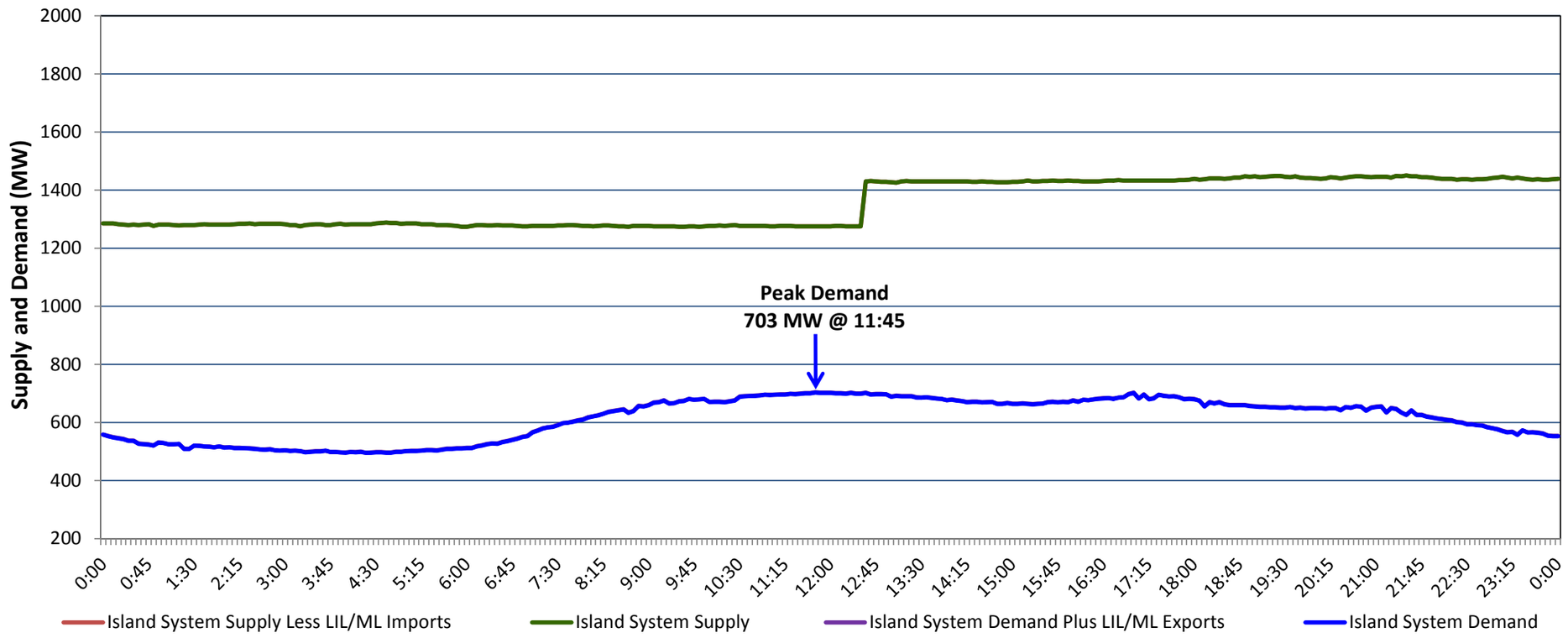
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, August 17, 2020

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, August 14, 2020



Supply Notes For August 14, 2020 [1,2]

A As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).
B As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
C As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).
D As of 1222 hours, July 26, 2020, Cat Arm Unit 2 unavailable due to planned outage (67 MW).
E At 1235 hours, August 14, 2020, Bay d'Espoir Unit 7 available (154.4 MW).

Section 2
Island Interconnected Supply and Demand

Sat, Aug 15, 2020		**Island System Outlook**[3]	
Available Island System Supply:[5]		**1,435**	**MW**
NLH Island Generation:[4]		1,135	MW
NLH Island Power Purchases:[6]		100	MW
Other Island Generation:		200	MW
ML/LIL Imports:		-	MW
Current St. John's Temperature & Windchill:	14 °C	N/A	°C
7-Day Island Peak Demand Forecast:		**775**	MW

Seven-Day Forecast	**Temperature (°C) Morning**	**Evening**	**Island System Daily Peak Demand (MW) Forecast**	**Adjusted**[7]
Saturday, August 15, 2020	13	12	**710**	**710**
Sunday, August 16, 2020	14	16	710	710
Monday, August 17, 2020	17	18	740	740
Tuesday, August 18, 2020	16	15	745	745
Wednesday, August 19, 2020	15	15	775	775
Thursday, August 20, 2020	15	14	730	730
Friday, August 21, 2020	14	15	730	730

Supply Notes For August 15, 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

Fri, Aug 14, 2020	Actual Island Peak Demand[8]	11:45	703	MW
Sat, Aug 15, 2020	Forecast Island Peak Demand		710	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).