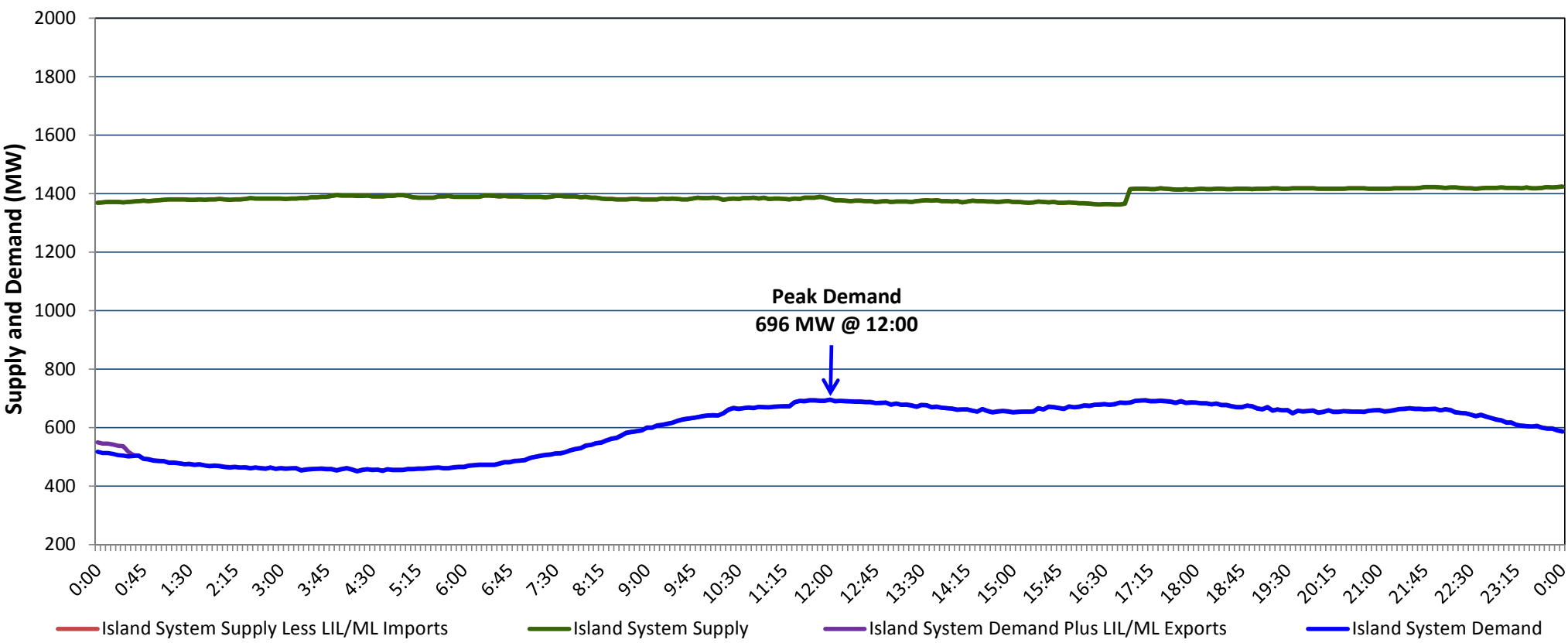


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, June 15, 2020

Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, June 13, 2020



Supply Notes For June 13, 2020		1,2
A	As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).	
B	As of 1000 hours, May 31, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).	
C	As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).	
D	At 1653 hours, June 13, 2020, Hardwoods Gas Turbine available (50 MW).	
E	At 1913 hours, June 13, 2020, Holyrood Unit 2 available but not operating (170 MW).	

Section 2
Island Interconnected Supply and Demand

Sun, Jun 14, 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	1,425	MW		Sunday, June 14, 2020	14	8	785	785
NLH Island Generation: ⁴	1,125	MW		Monday, June 15, 2020	9	10	830	830
NLH Island Power Purchases: ⁶	80	MW		Tuesday, June 16, 2020	12	13	790	790
Other Island Generation:	220	MW		Wednesday, June 17, 2020	14	15	760	760
ML/LIL Imports:	-	MW		Thursday, June 18, 2020	16	16	765	765
Current St. John's Temperature & Windchill:	17 °C	N/A	°C	Friday, June 19, 2020	8	7	845	845
7-Day Island Peak Demand Forecast:	845	MW		Saturday, June 20, 2020	16	18	745	745

Supply Notes For June 14, 2020		3
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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, Jun 13, 2020	Actual Island Peak Demand ⁸	12:00	696 MW
Sun, Jun 14, 2020	Forecast Island Peak Demand		785 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).			
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