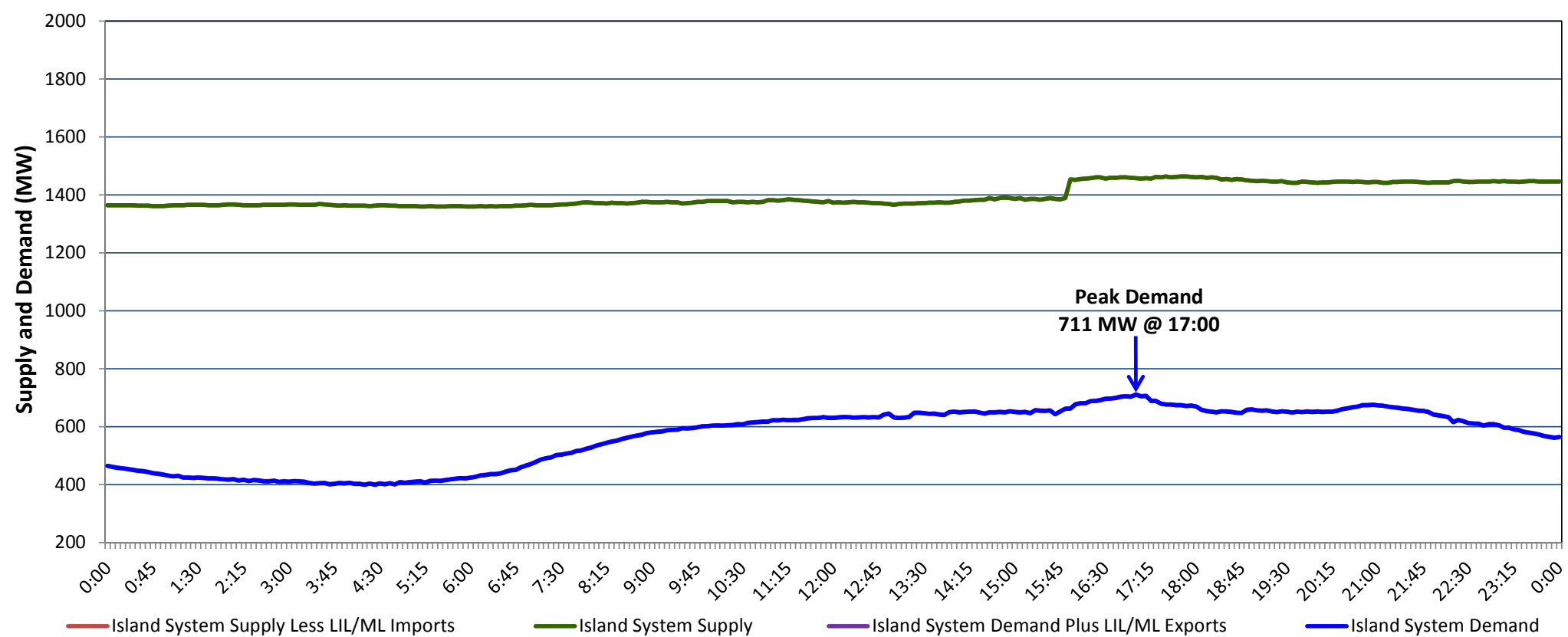


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, August 21, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, August 20, 2020**



Supply Notes For August 20, 2020

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- 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 1229 hours, August 16, 2020, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
- E At 1555 hours, August 20, 2020, Cat Arm Unit 2 available (67 MW).

**Section 2
Island Interconnected Supply and Demand**

Fri, Aug 21, 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	1,460 MW	Friday, August 21, 2020	17	17	725	725
NLH Island Generation: ⁴	1,135 MW	Saturday, August 22, 2020	16	17	700	700
NLH Island Power Purchases: ⁶	125 MW	Sunday, August 23, 2020	16	17	690	690
Other Island Generation:	200 MW	Monday, August 24, 2020	17	17	745	745
ML/LIL Imports:	- MW	Tuesday, August 25, 2020	16	17	730	730
Current St. John's Temperature & Windchill: 15 °C	N/A °C	Wednesday, August 26, 2020	16	17	750	750
7-Day Island Peak Demand Forecast:	795 MW	Thursday, August 27, 2020	11	12	795	795

Supply Notes For August 21, 2020

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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**

Thu, Aug 20, 2020	Actual Island Peak Demand ⁸	17:00	711 MW
Fri, Aug 21, 2020	Forecast Island Peak Demand		725 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).