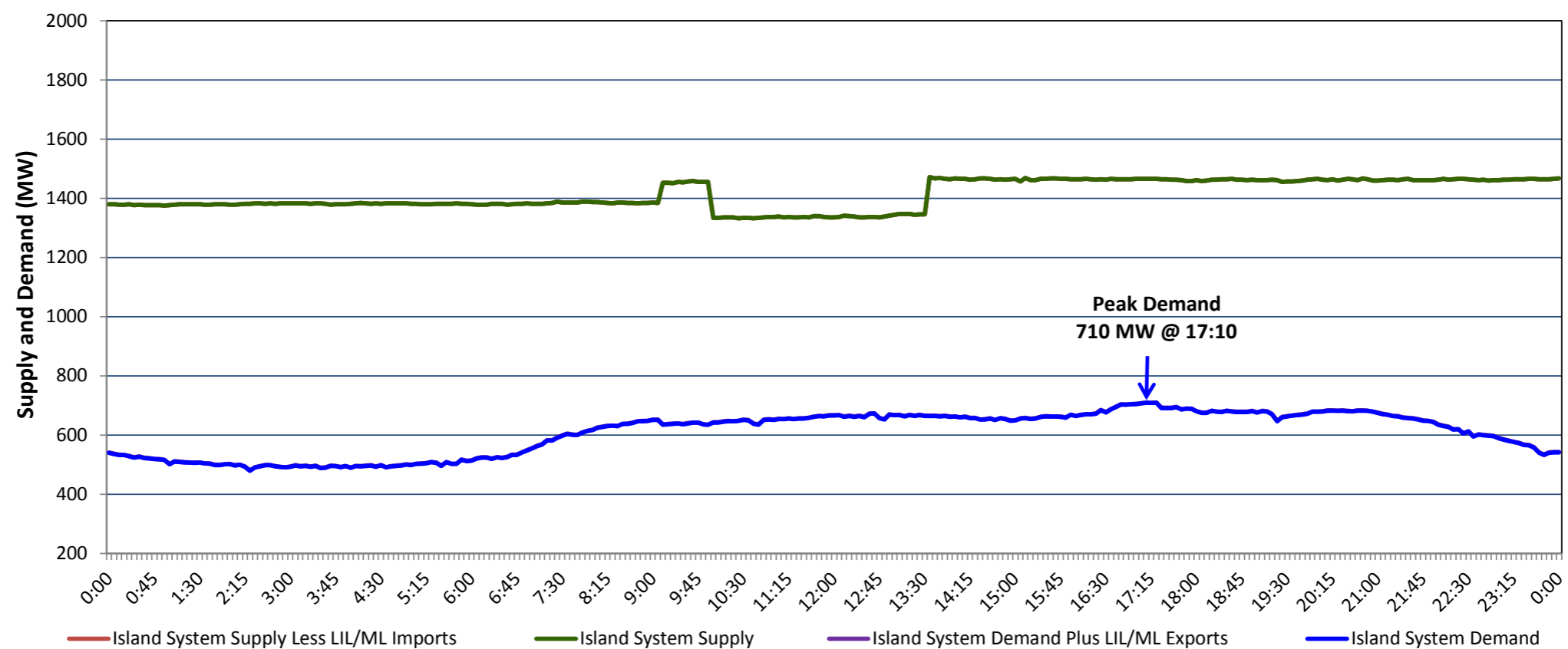


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, September 04, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, September 03, 2020**



Supply Notes For September 03, 2020

- 1,2
- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
 - B As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).
 - C As of 1009 hours, August 23, 2020, Upper Salmon Unit unavailable due to planned outage (84 MW).
 - D As of 1811 hours, September 02, 2020, Holyrood Unit 1 available but not operating (170 MW).
 - E At 0907 hours, September 03, 2020, Cat Arm Unit 1 available (67 MW).
 - F At 0958 hours, September 03, 2020, Holyrood Gas Turbine unavailable (123.5 MW).
 - G At 1332 hours, September 03, 2020, Holyrood Gas Turbine available (123.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Fri, Sep 04, 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	1,390	MW	Friday, September 04, 2020	17	18	730	730
NLH Island Generation: ⁴	1,045	MW	Saturday, September 05, 2020	19	20	705	705
NLH Island Power Purchases: ⁶	125	MW	Sunday, September 06, 2020	15	15	680	680
Other Island Generation:	220	MW	Monday, September 07, 2020	15	15	695	695
ML/LIL Imports:	-	MW	Tuesday, September 08, 2020	15	16	735	735
Current St. John's Temperature & Windchill:	16 °C	N/A °C	Wednesday, September 09, 2020	19	19	695	695
7-Day Island Peak Demand Forecast:	735	MW	Thursday, September 10, 2020	20	15	720	720

Supply Notes For September 04, 2020

- 3
- H At 0710 hours, September 04, 2020, Hinds Lake Unit unavailable (75 MW).

- 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, Sep 03, 2020	Actual Island Peak Demand ⁸	17:10	710 MW
Fri, Sep 04, 2020	Forecast Island Peak Demand		730 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).