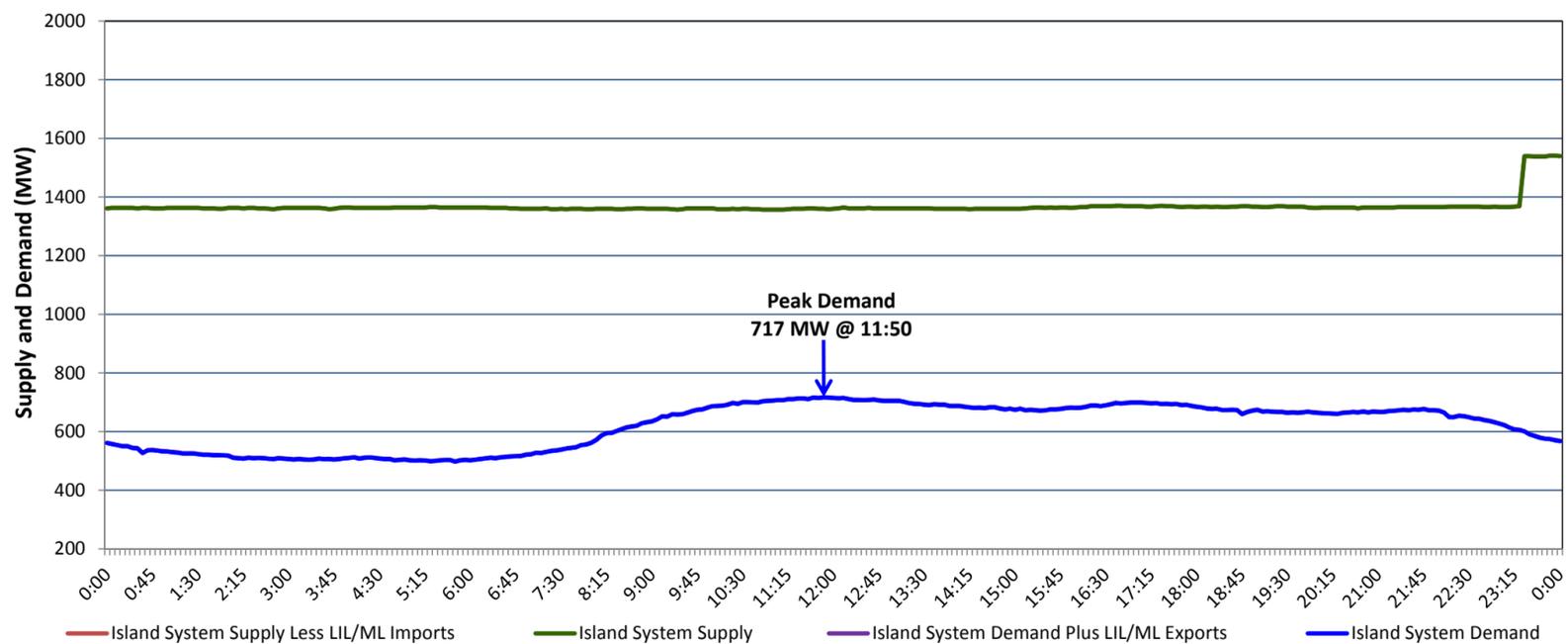


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, June 29, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, June 28, 2020**



Supply Notes For June 28, 2020

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- 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 2324 hours, June 28, 2020, Holyrood Unit 2 returned to service (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Jun 29, 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	1,535 MW	Monday, June 29, 2020	16	13	835	835
NLH Island Generation: ⁴	1,220 MW	Tuesday, June 30, 2020	16	18	755	755
NLH Island Power Purchases: ⁶	105 MW	Wednesday, July 01, 2020	18	20	730	730
Other Island Generation:	210 MW	Thursday, July 02, 2020	11	10	780	780
ML/LIL Imports:	- MW	Friday, July 03, 2020	8	7	865	865
Current St. John's Temperature & Windchill:	17 °C	Saturday, July 04, 2020	7	8	800	800
7-Day Island Peak Demand Forecast:	865 MW	Sunday, July 05, 2020	13	11	750	750

Supply Notes For June 29, 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**

Sun, Jun 28, 2020	Actual Island Peak Demand ⁸	11:50	717 MW
Mon, Jun 29, 2020	Forecast Island Peak Demand		835 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).