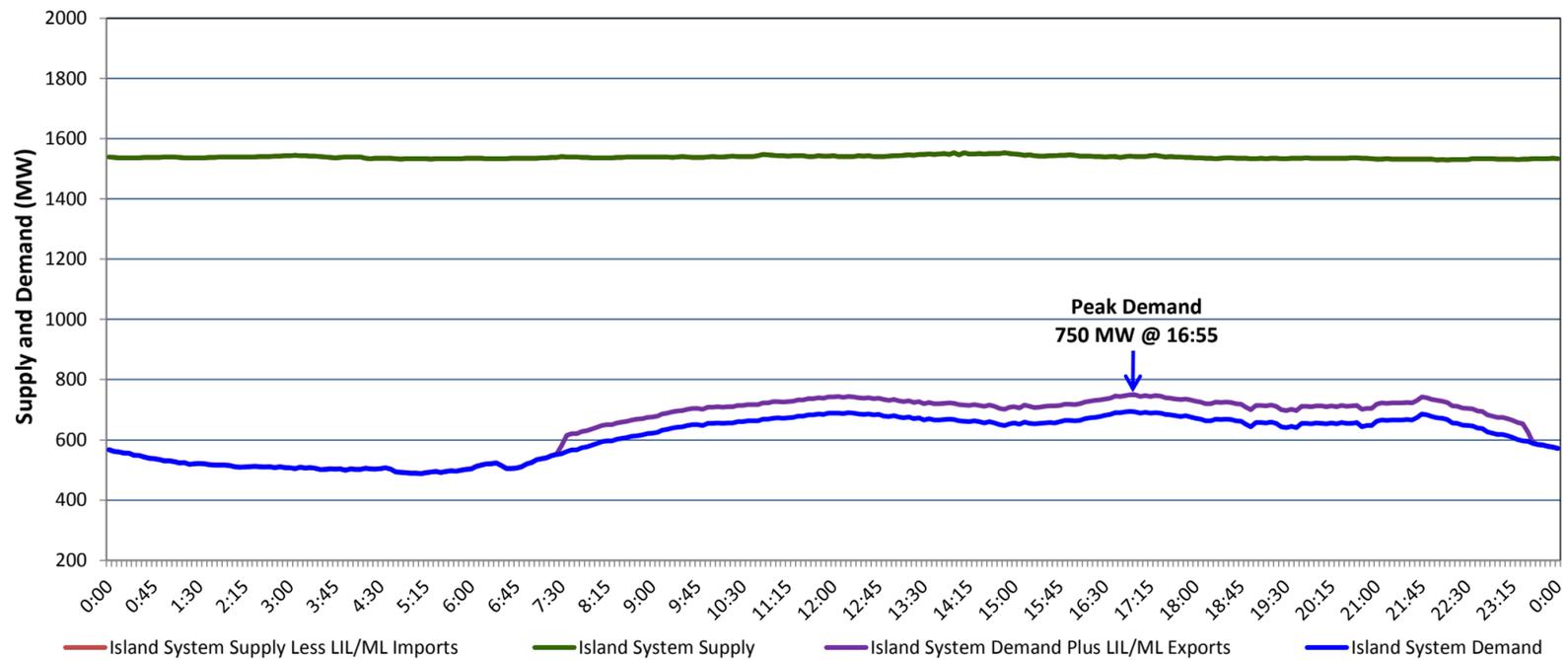


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, June 30, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Monday, June 29, 2020**



Supply Notes For June 29, 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).

**Section 2
Island Interconnected Supply and Demand**

Tue, Jun 30, 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	1,540	MW	Tuesday, June 30, 2020	17	19	800	800
NLH Island Generation: ⁴	1,220	MW	Wednesday, July 01, 2020	18	17	710	710
NLH Island Power Purchases: ⁶	110	MW	Thursday, July 02, 2020	17	13	770	770
Other Island Generation:	210	MW	Friday, July 03, 2020	7	7	905	905
ML/LIL Imports:	-	MW	Saturday, July 04, 2020	11	12	745	745
Current St. John's Temperature & Windchill: 19 °C	N/A	°C	Sunday, July 05, 2020	11	9	740	740
7-Day Island Peak Demand Forecast:	905	MW	Monday, July 06, 2020	12	10	760	760

Supply Notes For June 30, 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**

Mon, Jun 29, 2020	Actual Island Peak Demand ⁸	16:55	750 MW
Tue, Jun 30, 2020	Forecast Island Peak Demand		800 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).