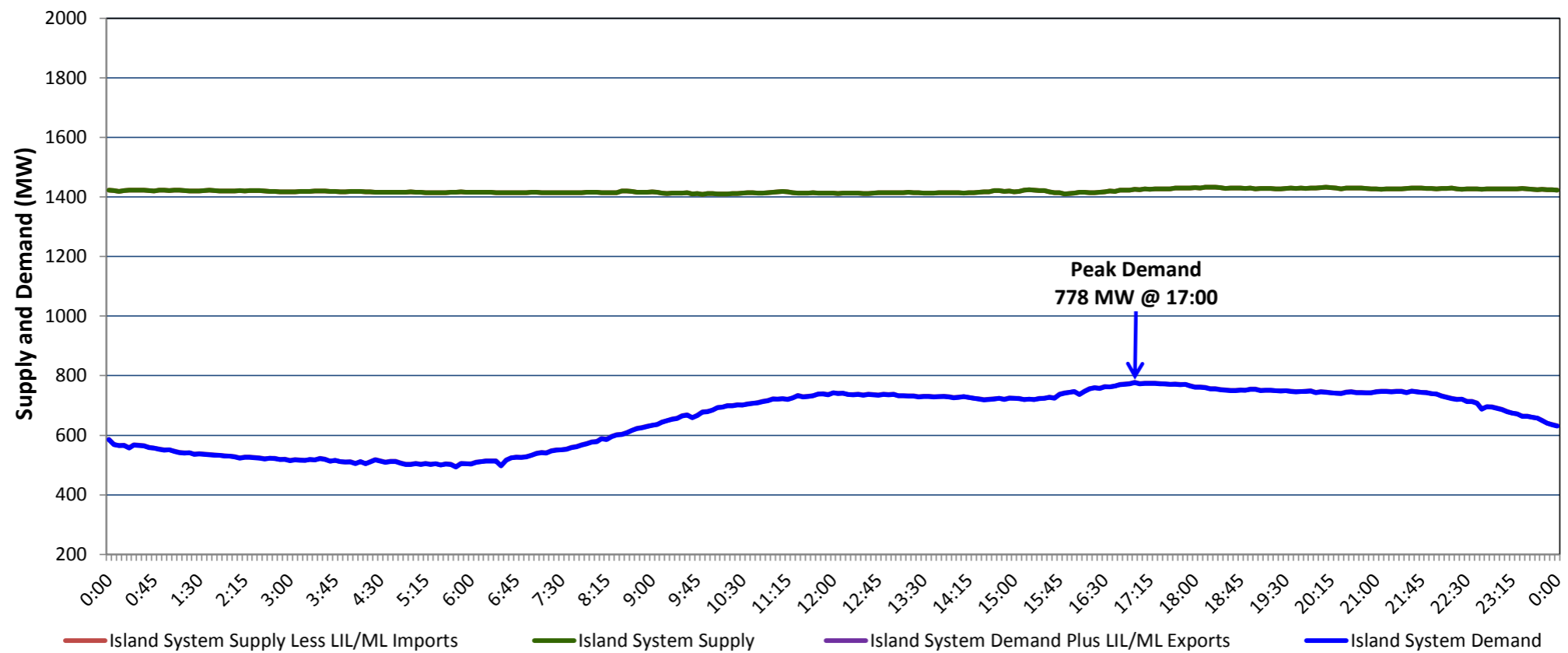


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, June 15, 2020

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Sunday, June 14, 2020



#### Supply Notes For June 14, 2020

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- 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** As of 1913 hours, June 13, 2020, Holyrood Unit 2 available but not operating (170 MW).

### Section 2 Island Interconnected Supply and Demand

Mon, Jun 15, 2020	Island System Outlook <sup>3</sup>		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,420	MW	Monday, June 15, 2020	9	10	845	845
NLH Island Generation: <sup>4</sup>	1,125	MW	Tuesday, June 16, 2020	12	13	795	795
NLH Island Power Purchases: <sup>6</sup>	80	MW	Wednesday, June 17, 2020	14	15	755	755
Other Island Generation:	215	MW	Thursday, June 18, 2020	16	16	765	765
ML/LIL Imports:	-	MW	Friday, June 19, 2020	8	7	840	840
Current St. John's Temperature & Windchill:	6 °C	N/A °C	Saturday, June 20, 2020	16	18	740	740
7-Day Island Peak Demand Forecast:	845	MW	Sunday, June 21, 2020	14	6	740	740

#### Supply Notes For June 15, 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 14, 2020	Actual Island Peak Demand <sup>8</sup>	17:00	778 MW
Mon, Jun 15, 2020	Forecast Island Peak Demand		845 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).