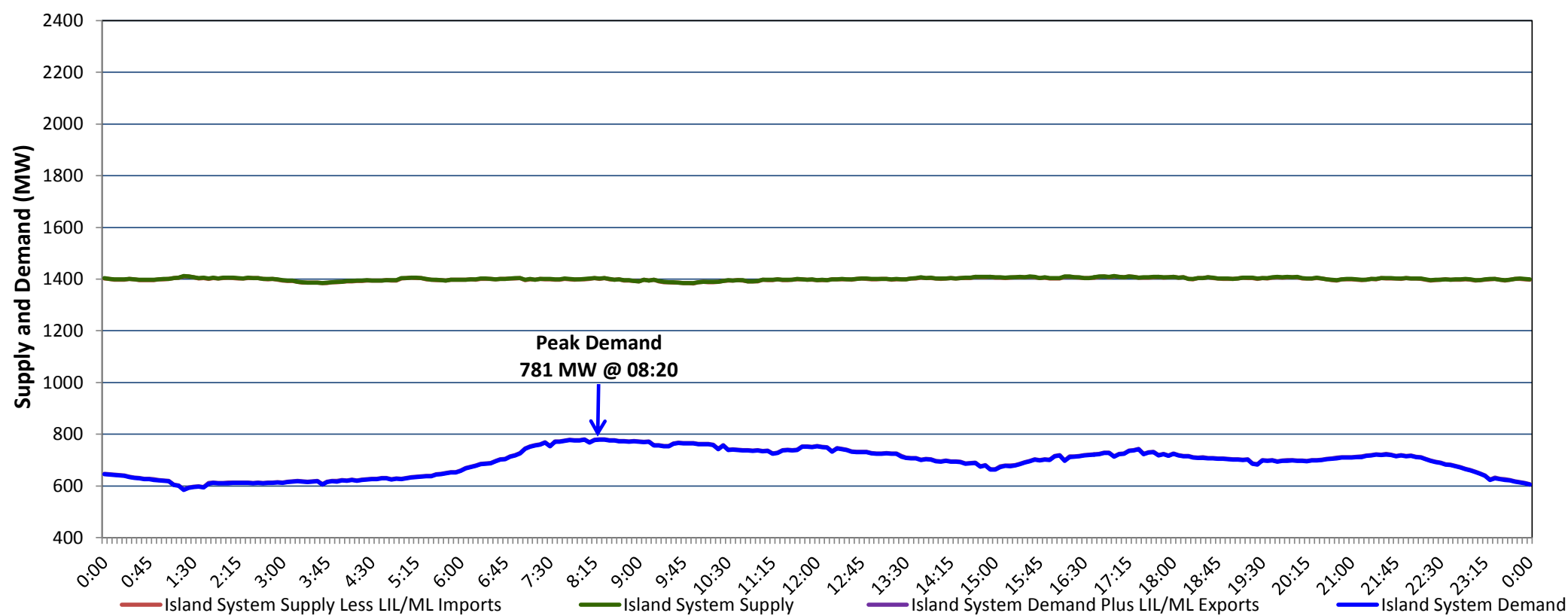


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, June 03, 2021

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Wednesday, June 02, 2021



#### Supply Notes For June 02, 2021

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- A** As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B** As of 1226 hours, May 21, 2021, Holyrood Unit 2 available but not operating (170 MW).
- C** As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D** As of 0749 hours, May 29, 2021, Bay d'Espoir Unit 1 unavailable (76.5 MW).
- E** As of 1616 hours, June 01, 2021, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).

### Section 2 Island Interconnected Supply and Demand

Thu, Jun 03, 2021	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>	1,375	MW	Thursday, June 03, 2021	14	18	775	775
NLH Island Generation: <sup>4</sup>	1,050	MW	Friday, June 04, 2021	14	12	800	800
NLH Island Power Purchases: <sup>6</sup>	95	MW	Saturday, June 05, 2021	14	15	745	745
Other Island Generation:	230	MW	Sunday, June 06, 2021	14	6	820	820
ML/LIL Imports:	-	MW	Monday, June 07, 2021	8	12	830	830
Current St. John's Temperature & Windchill:	13 °C	N/A °C	Tuesday, June 08, 2021	17	18	770	770
7-Day Island Peak Demand Forecast:	850	MW	Wednesday, June 09, 2021	10	6	850	850

#### Supply Notes For June 03, 2021

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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

Wed, Jun 02, 2021	Actual Island Peak Demand <sup>8</sup>	08:20	781 MW
Thu, Jun 03, 2021	Forecast Island Peak Demand		775 MW

- Notes: <sup>8</sup> 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).