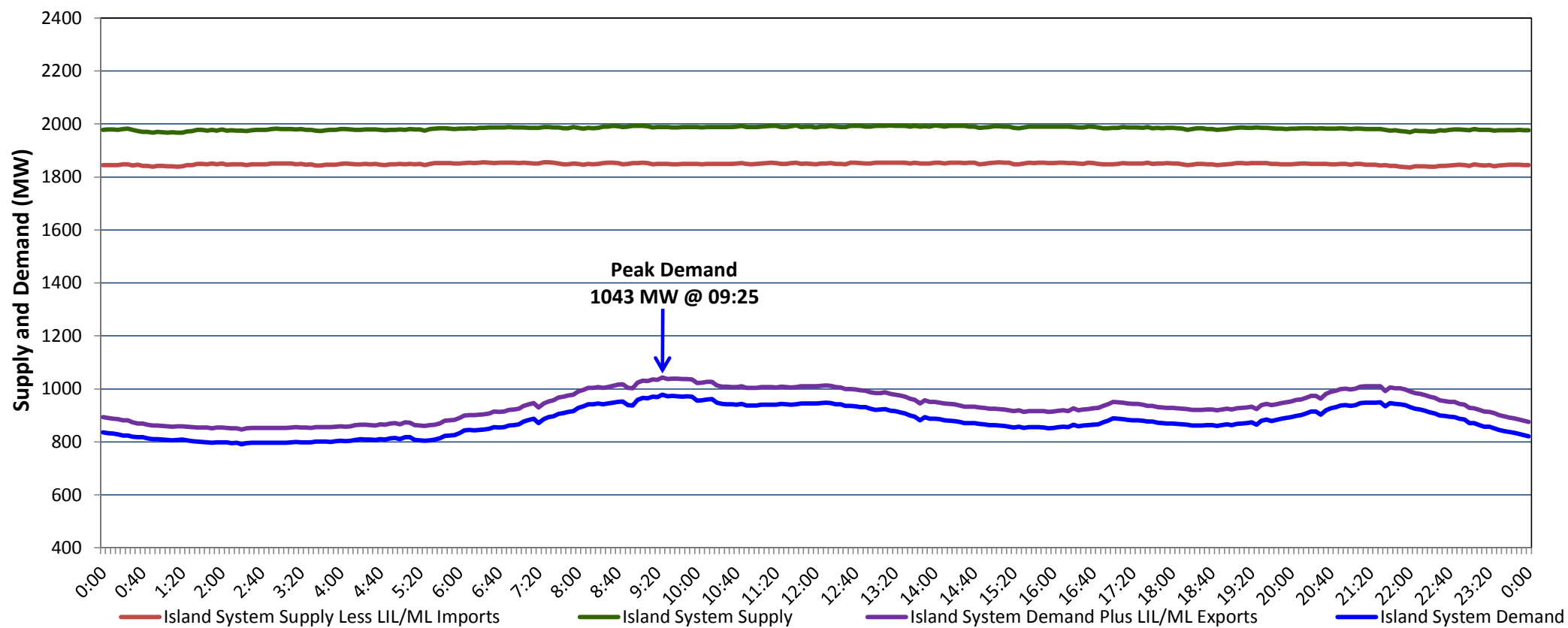


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, May 03, 2021

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



#### Supply Notes For May 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 1047 hours, April 25, 2021, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).

### Section 2 Island Interconnected Supply and Demand

Mon, May 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>	1,850	MW	Monday, May 03, 2021	7	4	1,015	1,015
NLH Island Generation: <sup>4</sup>	1,465	MW	Tuesday, May 04, 2021	5	7	1,005	1,005
NLH Island Power Purchases: <sup>6</sup>	135	MW	Wednesday, May 05, 2021	5	3	980	980
Other Island Generation:	250	MW	Thursday, May 06, 2021	3	3	1,060	1,060
ML/LIL Imports:	-	MW	Friday, May 07, 2021	5	5	1,035	1,035
Current St. John's Temperature & Windchill:	5 °C	N/A	Saturday, May 08, 2021	7	9	985	985
7-Day Island Peak Demand Forecast:	1,060	MW	Sunday, May 09, 2021	10	8	915	915

#### Supply Notes For May 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

Sun, May 02, 2021	Actual Island Peak Demand <sup>8</sup>	09:25	1,043 MW
Mon, May 03, 2021	Forecast Island Peak Demand		1,015 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).