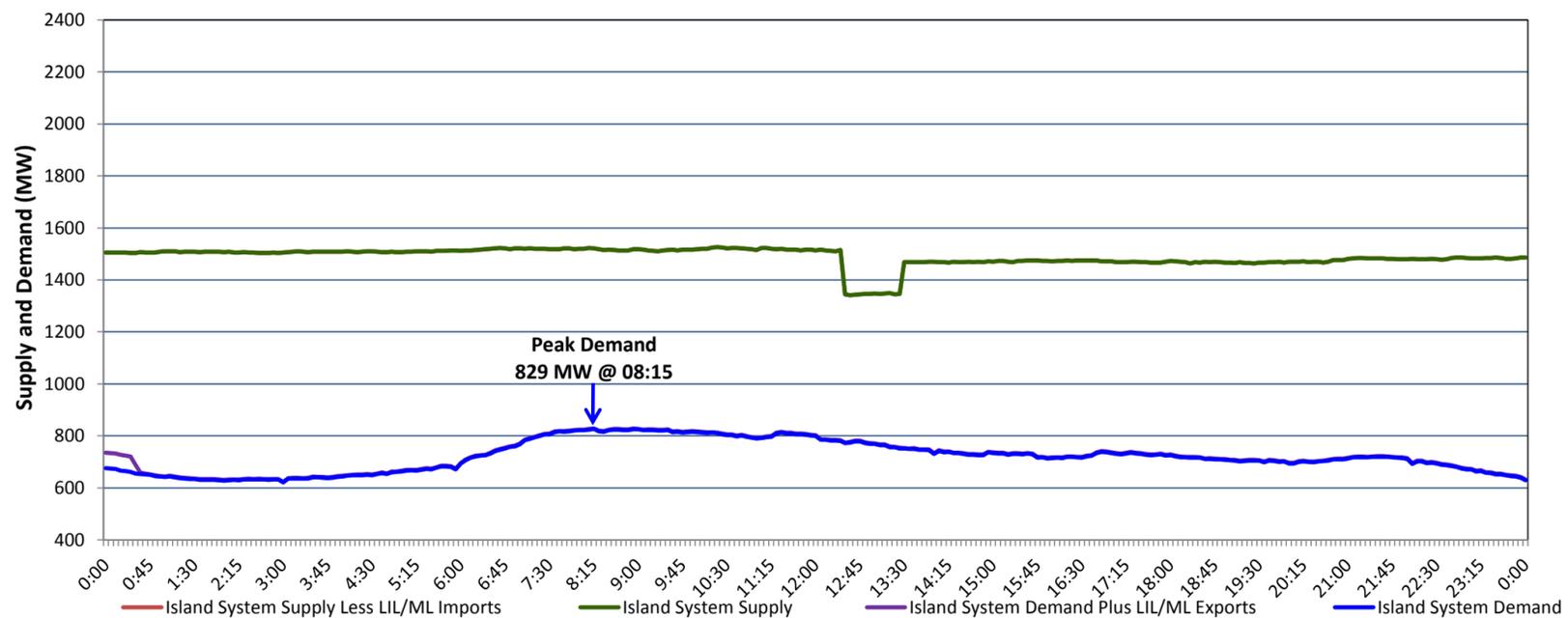


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, May 25, 2021

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Friday, May 21, 2021



#### Supply Notes For May 21, 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 0709 hours, May 07, 2021, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).  
**C** As of 1827 hours, May 07, 2021, Holyrood Unit 1 available but not operating (170 MW).  
**D** At 1226 hours, May 21, 2021, Holyrood Unit 2 available but not operating (170 MW).  
**E** At 1330 hours, May 21, 2021, Holyrood Gas Turbine available (123.5 MW).

### Section 2 Island Interconnected Supply and Demand

Sat, May 22, 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>	1,515	MW		Saturday, May 22, 2021	13	12	790	790
NLH Island Generation: <sup>4</sup>	1,125	MW		Sunday, May 23, 2021	12	8	890	890
NLH Island Power Purchases: <sup>6</sup>	150	MW		Monday, May 24, 2021	1	0	1,120	1,120
Other Island Generation:	240	MW		Tuesday, May 25, 2021	4	7	990	990
ML/LIL Imports:	-	MW		Wednesday, May 26, 2021	8	8	900	900
Current St. John's Temperature & Windchill:	6 °C	N/A	°C	Thursday, May 27, 2021	10	11	860	860
7-Day Island Peak Demand Forecast:	1,120	MW		Friday, May 28, 2021	9	8	905	905

#### Supply Notes For May 22, 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

Fri, May 21, 2021	Actual Island Peak Demand <sup>8</sup>	08:15	829 MW
Sat, May 22, 2021	Forecast Island Peak Demand		790 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).