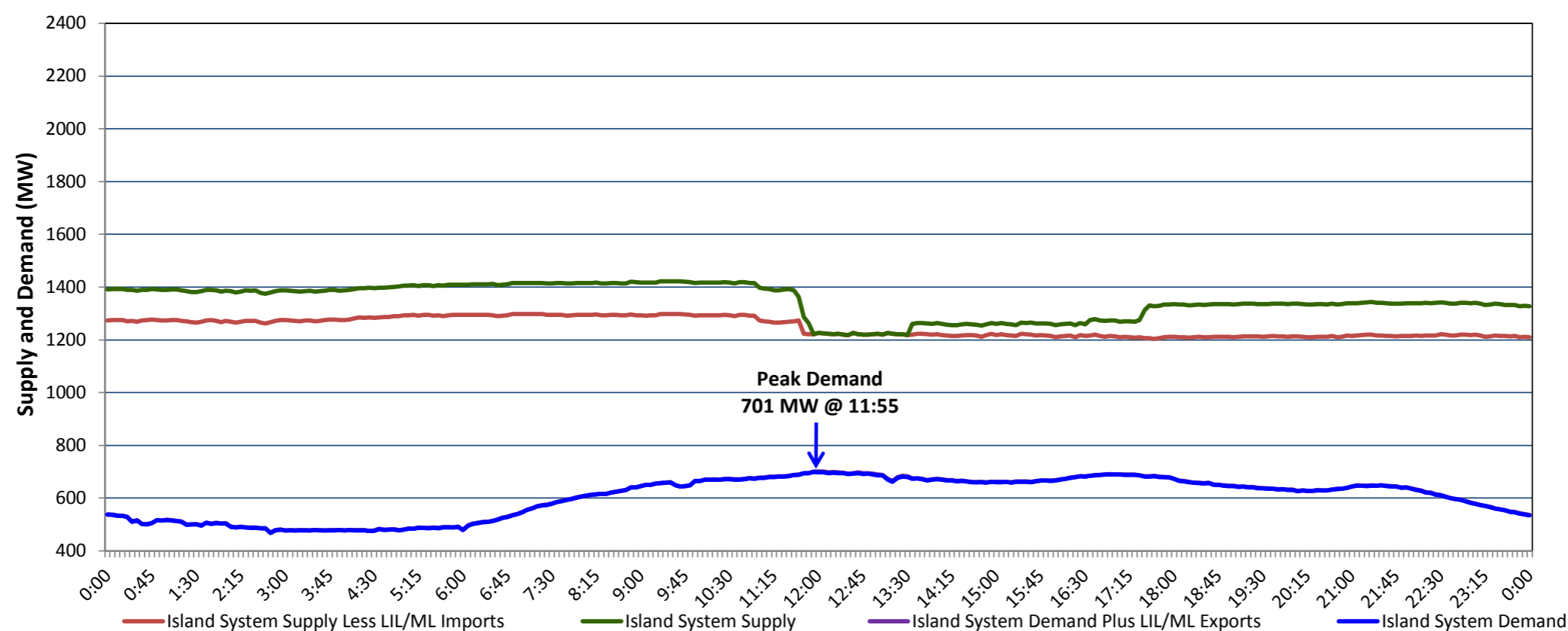


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, August 04, 2021**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Tuesday, August 03, 2021**



**Supply Notes For August 03, 2021**

- 1,2
- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).
  - B As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
  - C As of 0720 hours, June 26, 2021, Holyrood Unit 2 available but not operating (170 MW).
  - D As of 0850 hours, July 25, 2021, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
  - E As of 1051 hours, July 25, 2021, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
  - F As of 1052 hours, August 01, 2021, Upper Salmon Unit unavailable due to planned outage (84 MW).
  - G At 1141 hours, August 03, 2021, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Aug 04, 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>	1,381	MW	Wednesday, August 04, 2021	17	19	750	750
NLH Island Generation: <sup>4</sup>	915	MW	Thursday, August 05, 2021	18	20	780	780
NLH Island Power Purchases: <sup>6</sup>	125	MW	Friday, August 06, 2021	19	21	775	775
Other Island Generation:	220	MW	Saturday, August 07, 2021	20	20	710	710
ML/LIL Imports:	121	MW	Sunday, August 08, 2021	19	18	715	715
Current St. John's Temperature & Windchill:	16 °C	N/A	Monday, August 09, 2021	12	12	775	775
7-Day Island Peak Demand Forecast:	780	MW	Tuesday, August 10, 2021	13	14	745	745

**Supply Notes For August 04, 2021**

- 3
- 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**

Tue, Aug 03, 2021	Actual Island Peak Demand <sup>8</sup>	11:55	701 MW
Wed, Aug 04, 2021	Forecast Island Peak Demand		750 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).