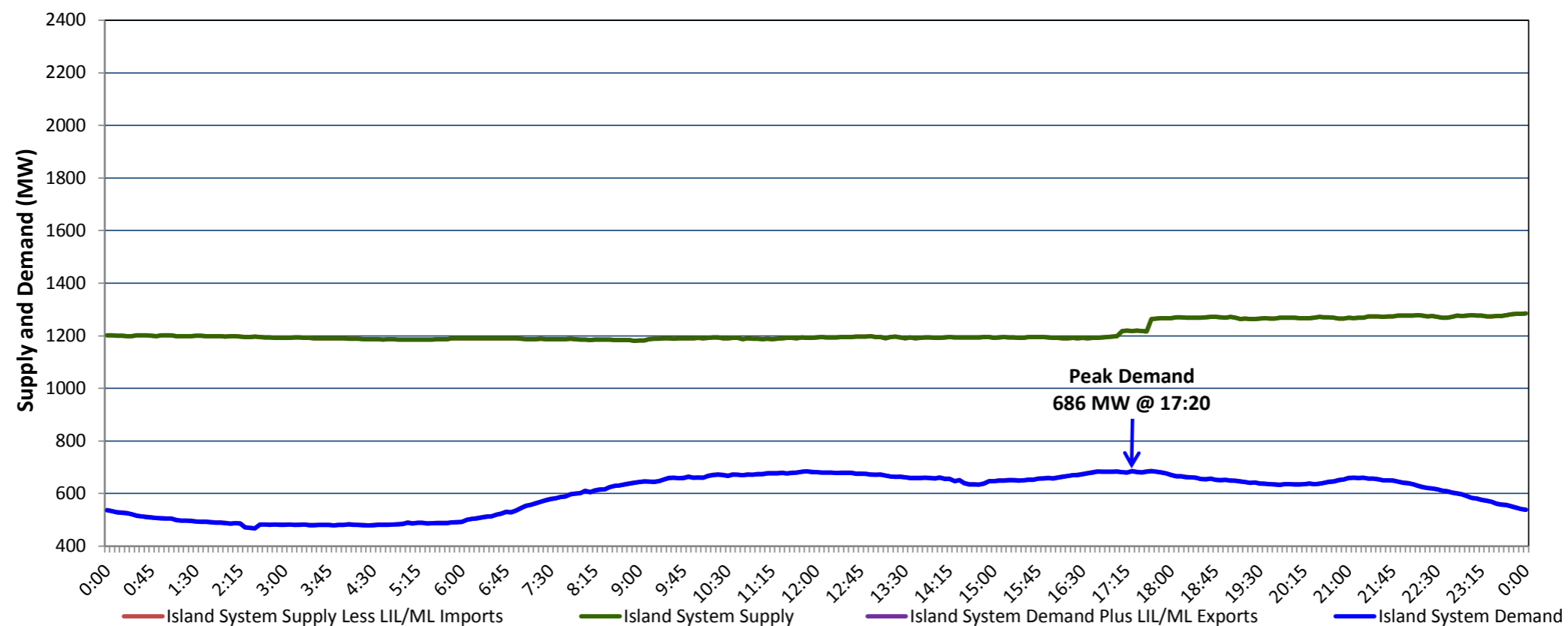


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, August 06, 2021**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, August 05, 2021**



**Supply Notes For August 05, 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 1740 hours, August 05, 2021, Hardwoods Gas Turbine available (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Aug 06, 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>	1,310	MW	Friday, August 06, 2021	21	22	785	785
NLH Island Generation: <sup>4</sup>	965	MW	Saturday, August 07, 2021	21	20	710	710
NLH Island Power Purchases: <sup>6</sup>	130	MW	Sunday, August 08, 2021	19	14	735	735
Other Island Generation:	215	MW	Monday, August 09, 2021	12	12	770	770
ML/LIL Imports:	-	MW	Tuesday, August 10, 2021	13	16	735	735
Current St. John's Temperature & Windchill:	20 °C	N/A	Wednesday, August 11, 2021	17	15	740	740
7-Day Island Peak Demand Forecast:	785	MW	Thursday, August 12, 2021	21	21	755	755

**Supply Notes For August 06, 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**

Thu, Aug 05, 2021	Actual Island Peak Demand <sup>8</sup>	17:20	686 MW
Fri, Aug 06, 2021	Forecast Island Peak Demand		785 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).