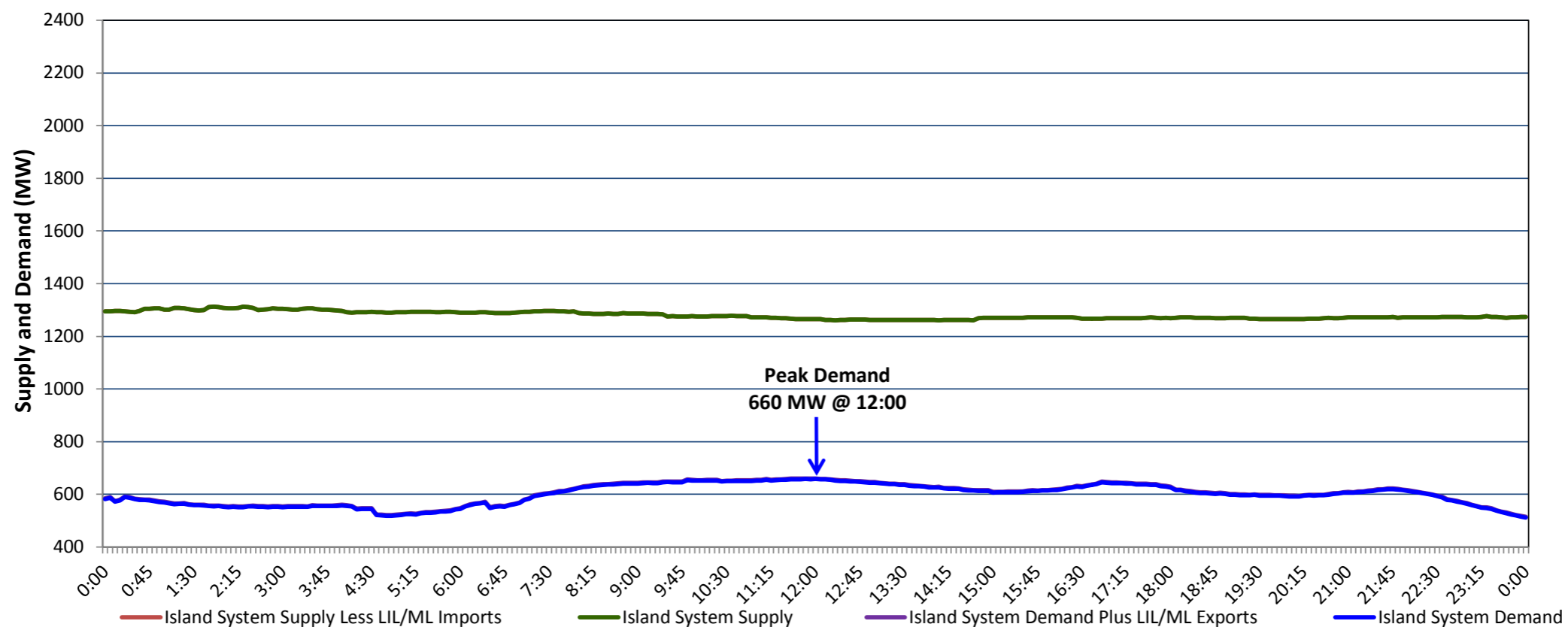


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, June 30, 2021**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, June 29, 2021**



Supply Notes For June 29, 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 0613 hours, June 11, 2021, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - D As of 0720 hours, June 26, 2021, Holyrood Unit 2 available but not operating (170 MW).
 - E As of 1020 hours, June 28, 2021, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
 - F At 0930 hours, June 29, 2021, Paradise River Unit unavailable due to planned outage (8 MW).
 - G At 1445 hours, June 29, 2021, Paradise River Unit available (8 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Jun 30, 2021	Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,285	MW	Wednesday, June 30, 2021	12	15	750	750
NLH Island Generation: ⁴	970	MW	Thursday, July 01, 2021	10	7	875	875
NLH Island Power Purchases: ⁶	85	MW	Friday, July 02, 2021	8	8	830	830
Other Island Generation:	230	MW	Saturday, July 03, 2021	10	10	725	725
ML/LIL Imports:	-	MW	Sunday, July 04, 2021	10	13	820	820
Current St. John's Temperature & Windchill:	9 °C	N/A	Monday, July 05, 2021	12	13	755	755
7-Day Island Peak Demand Forecast:	875	MW	Tuesday, July 06, 2021	13	11	785	785

Supply Notes For June 30, 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, Jun 29, 2021	Actual Island Peak Demand ⁸	12:00	660 MW
Wed, Jun 30, 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).