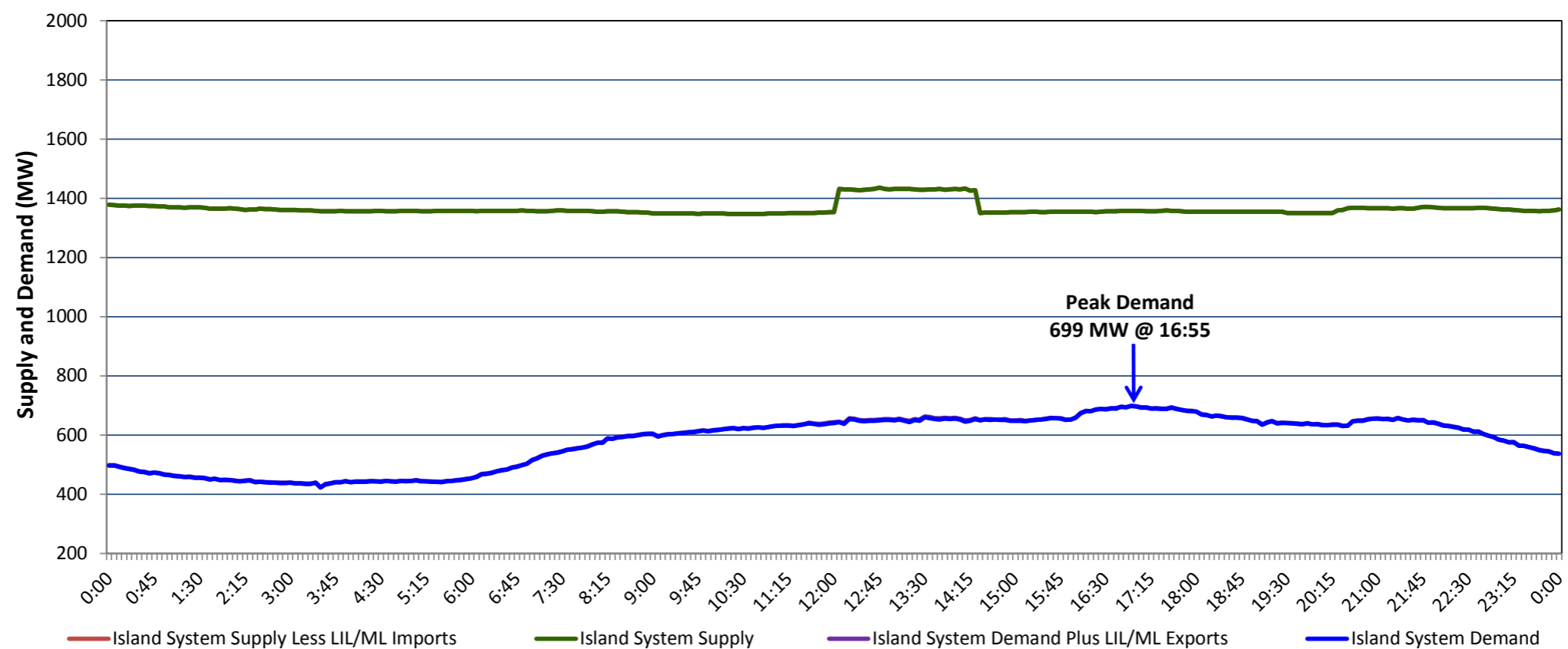


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, July 24, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, July 23, 2020**



**Supply Notes For July 23, 2020**

1,2

- A As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- B As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
- C As of 1356 hours, July 05, 2020, Granite Canal Unit unavailable due to planned outage 36 MW (40 MW).
- D As of 1000 hours, July 06, 2020, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- E As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- F At 1204 hours, July 23, 2020, Bay d'Espoir Unit 4 available (76.5 MW).
- G At 1422 hours, July 23, 2020, Bay d'Espoir Unit 6 unavailable (76.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Jul 24, 2020	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>	1,370	MW		Friday, July 24, 2020	14	12	740	740
NLH Island Generation: <sup>4</sup>	1,085	MW		Saturday, July 25, 2020	14	16	695	695
NLH Island Power Purchases: <sup>6</sup>	85	MW		Sunday, July 26, 2020	13	16	710	710
Other Island Generation:	200	MW		Monday, July 27, 2020	17	18	755	755
ML/LIL Imports:	-	MW		Tuesday, July 28, 2020	17	15	750	750
Current St. John's Temperature & Windchill:	16 °C	N/A	°C	Wednesday, July 29, 2020	16	16	760	760
7-Day Island Peak Demand Forecast:	760	MW		Thursday, July 30, 2020	19	16	735	735

**Supply Notes For July 24, 2020**

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, Jul 23, 2020	Actual Island Peak Demand <sup>8</sup>	16:55	699 MW
Fri, Jul 24, 2020	Forecast Island Peak Demand		740 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).