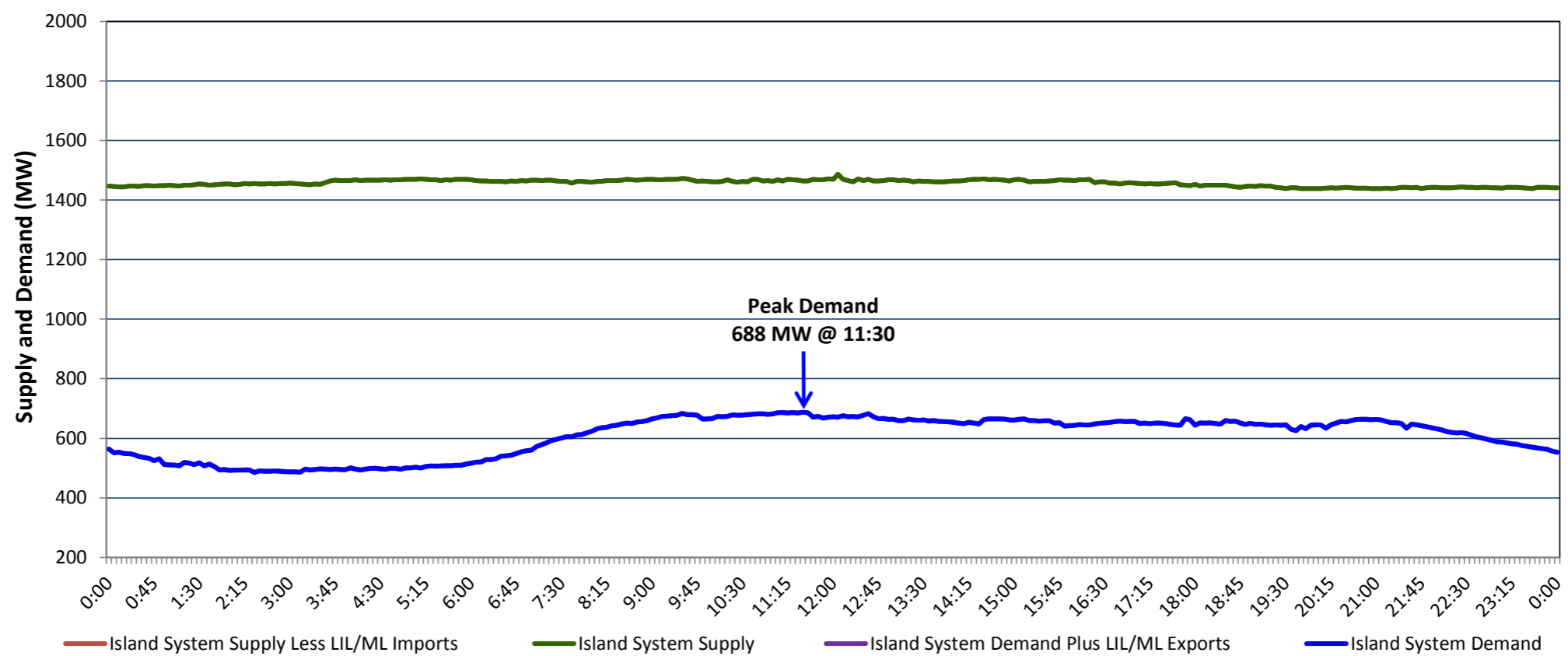


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, August 24, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Friday, August 21, 2020**



**Supply Notes For August 21, 2020**

- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
- B As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- C As of 1229 hours, August 16, 2020, Cat Arm Unit 1 unavailable due to planned outage (67 MW).
- D **At 2000 hours, August 21, 2020, Holyrood Unit 1 available but not operating (170 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Sat, Aug 22, 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>	1,440	MW	Saturday, August 22, 2020	15	17	685	685
NLH Island Generation: <sup>4</sup>	1,135	MW	Sunday, August 23, 2020	16	18	695	695
NLH Island Power Purchases: <sup>6</sup>	100	MW	Monday, August 24, 2020	17	14	745	745
Other Island Generation:	205	MW	Tuesday, August 25, 2020	13	13	765	765
ML/LIL Imports:	-	MW	Wednesday, August 26, 2020	15	17	765	765
Current St. John's Temperature & Windchill:	15 °C	N/A °C	Thursday, August 27, 2020	12	13	775	775
7-Day Island Peak Demand Forecast:	775	MW	Friday, August 28, 2020	15	13	765	765

**Supply Notes For August 22, 2020**

- 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, Aug 21, 2020	Actual Island Peak Demand <sup>8</sup>	11:30	688 MW
Sat, Aug 22, 2020	Forecast Island Peak Demand		685 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).