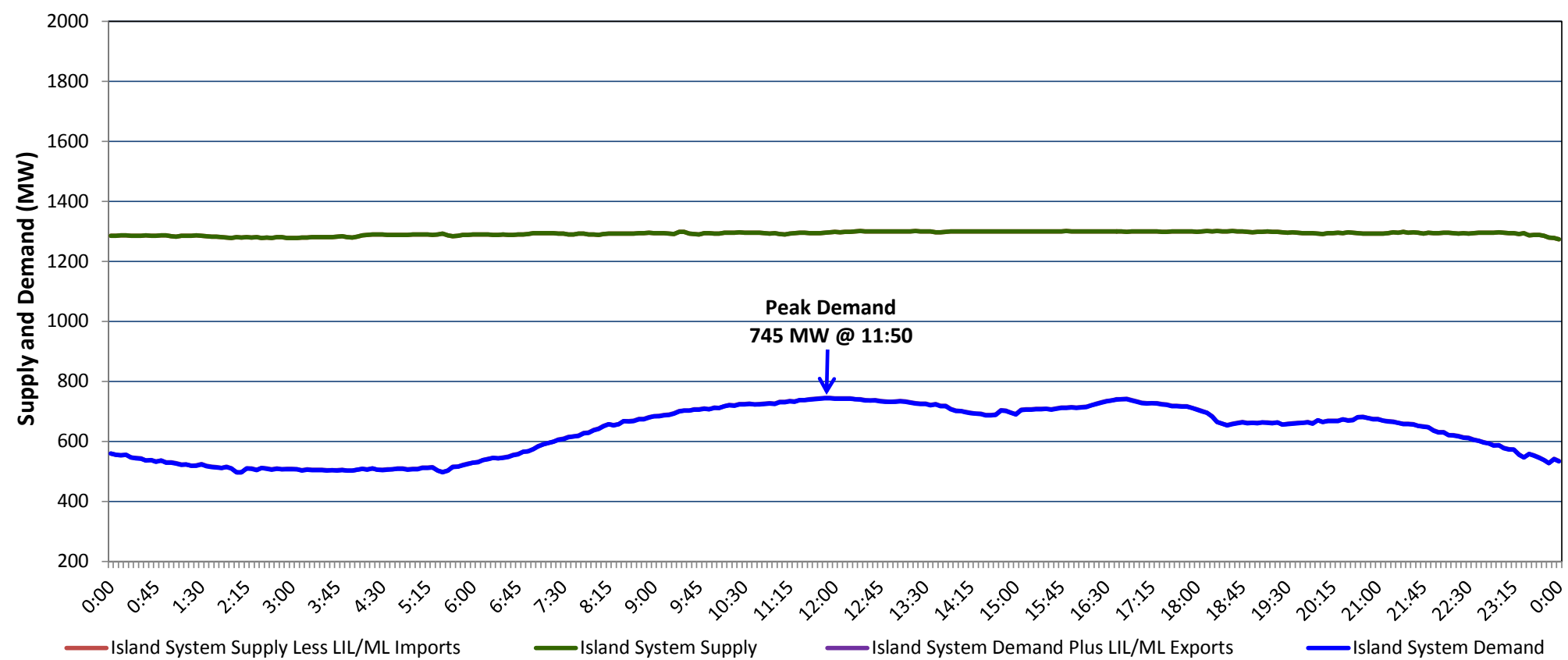


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, September 01, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, August 31, 2020**



**Supply Notes For August 31, 2020**

- 1,2
- 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 As of 2000 hours, August 21, 2020, Holyrood Unit 1 available but not operating (170 MW).
  - E As of 1009 hours, August 23, 2020, Upper Salmon Unit unavailable due to planned outage (84 MW).
  - F As of 0848 hours, August 30, 2020, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Tue, Sep 01, 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>	1,435 MW	Tuesday, September 01, 2020	11	13	735	735
NLH Island Generation: <sup>4</sup>	1,100 MW	Wednesday, September 02, 2020	13	15	730	730
NLH Island Power Purchases: <sup>6</sup>	115 MW	Thursday, September 03, 2020	15	18	730	730
Other Island Generation:	220 MW	Friday, September 04, 2020	19	18	720	720
ML/LIL Imports:	- MW	Saturday, September 05, 2020	20	20	700	700
Current St. John's Temperature & Windchill: 10 °C	N/A °C	Sunday, September 06, 2020	17	16	675	675
7-Day Island Peak Demand Forecast:	735 MW	Monday, September 07, 2020	13	12	700	700

**Supply Notes For September 01, 2020**

- 3
- G At 0710 hours, September 01, 2020, Holyrood Unit 1 returned to service (170 MW).

- 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**

Mon, Aug 31, 2020	Actual Island Peak Demand <sup>8</sup>	11:50	745 MW
Tue, Sep 01, 2020	Forecast Island Peak Demand		735 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).