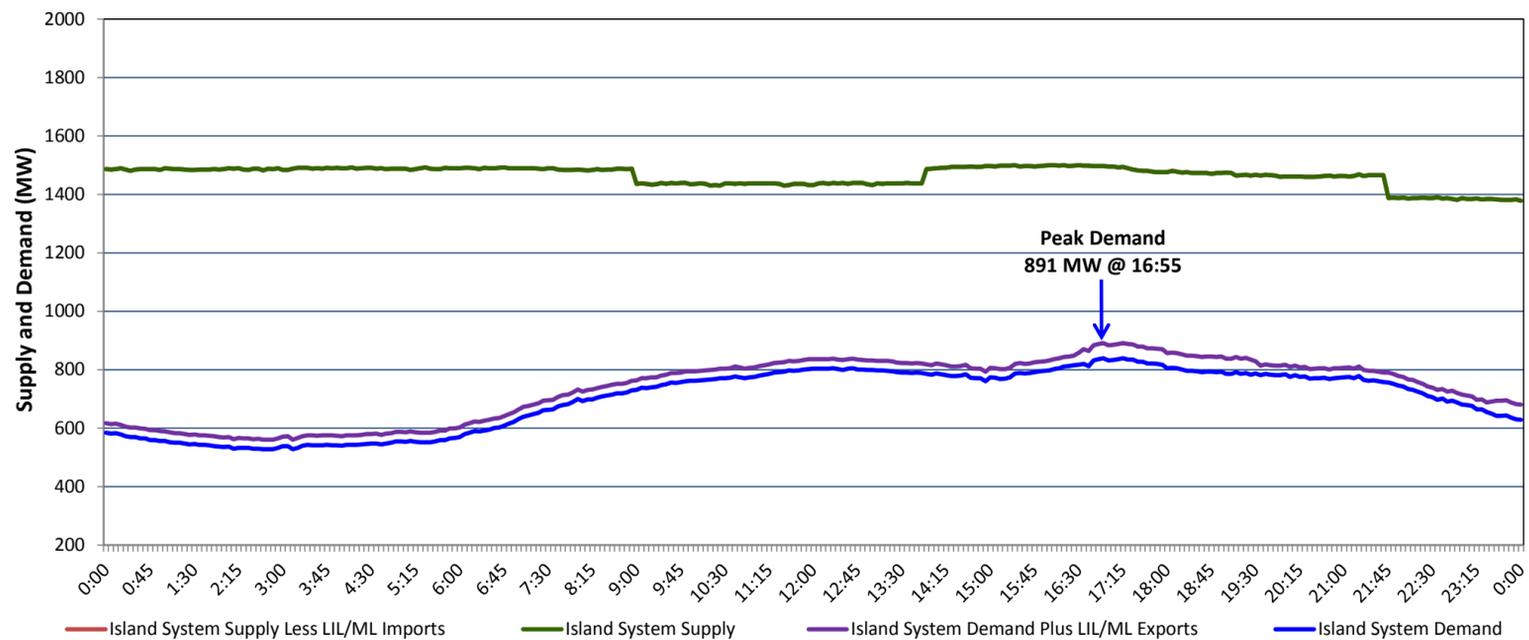


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, June 03, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Tuesday, June 02, 2020**



**Supply Notes For June 02, 2020**

- 1,2
- A As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
  - B As of 1009 hours, May 01, 2020, Holyrood Unit 1 available but not operating (170 MW).
  - C As of 2031 hours, May 30, 2020, Holyrood Unit 2 available but not operating (170 MW).
  - D As of 1000 hours, May 31, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
  - E At 0900 hours, June 02, 2020, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
  - F At 1351 hours, June 02, 2020, Hardwoods Gas Turbine available (50 MW).
  - G At 2145 hours, June 02, 2020, Bay d'Espoir Unit 5 unavailable (76.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Jun 03, 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>	1,425 MW	Wednesday, June 03, 2020	8	7	845	845
NLH Island Generation: <sup>4</sup>	1,050 MW	Thursday, June 04, 2020	11	12	805	805
NLH Island Power Purchases: <sup>6</sup>	160 MW	Friday, June 05, 2020	12	14	780	780
Other Island Generation:	215 MW	Saturday, June 06, 2020	15	14	770	770
ML/LIL Imports:	- MW	Sunday, June 07, 2020	11	8	805	805
Current St. John's Temperature & Windchill:	8 °C	Monday, June 08, 2020	6	8	915	915
7-Day Island Peak Demand Forecast:	995 MW	Tuesday, June 09, 2020	5	3	995	995

**Supply Notes For June 03, 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**

Tue, Jun 02, 2020	Actual Island Peak Demand <sup>8</sup>	16:55	891 MW
Wed, Jun 03, 2020	Forecast Island Peak Demand		845 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).