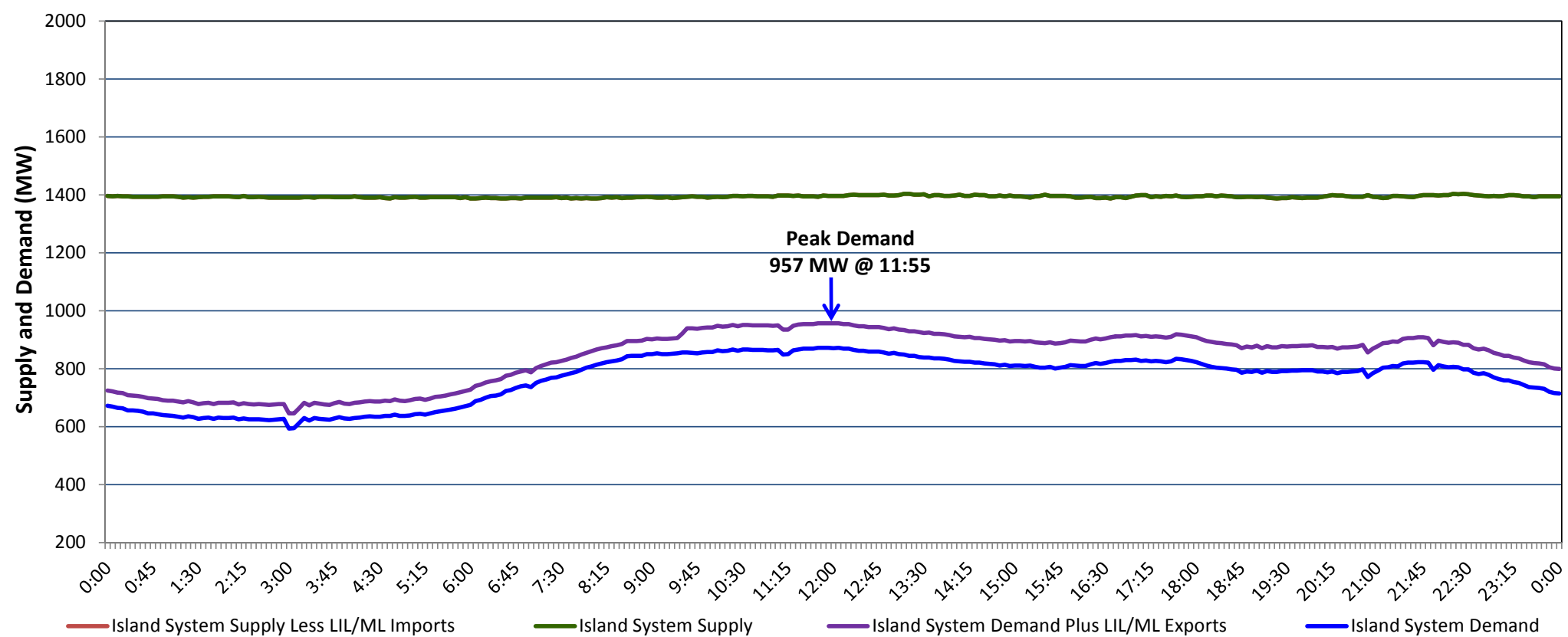


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, June 10, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Tuesday, June 09, 2020**



**Supply Notes For June 09, 2020**

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- 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 1000 hours, May 31, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- D As of 0238 hours, June 07, 2020, Holyrood Unit 2 unavailable due to forced outage (170 MW).
- E As of 0751 hours, June 07, 2020, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Jun 10, 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>	1,385 MW	Wednesday, June 10, 2020	7	6	910	910
NLH Island Generation: <sup>4</sup>	1,075 MW	Thursday, June 11, 2020	7	8	865	865
NLH Island Power Purchases: <sup>6</sup>	95 MW	Friday, June 12, 2020	12	13	790	790
Other Island Generation:	215 MW	Saturday, June 13, 2020	13	15	730	730
ML/LIL Imports:	- MW	Sunday, June 14, 2020	14	12	775	775
Current St. John's Temperature & Windchill:	5 °C	Monday, June 15, 2020	12	11	845	845
7-Day Island Peak Demand Forecast:	910 MW	Tuesday, June 16, 2020	11	8	780	780

**Supply Notes For June 10, 2020**

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- 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 09, 2020	Actual Island Peak Demand <sup>8</sup>	11:55	957 MW
Wed, Jun 10, 2020	Forecast Island Peak Demand		910 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).