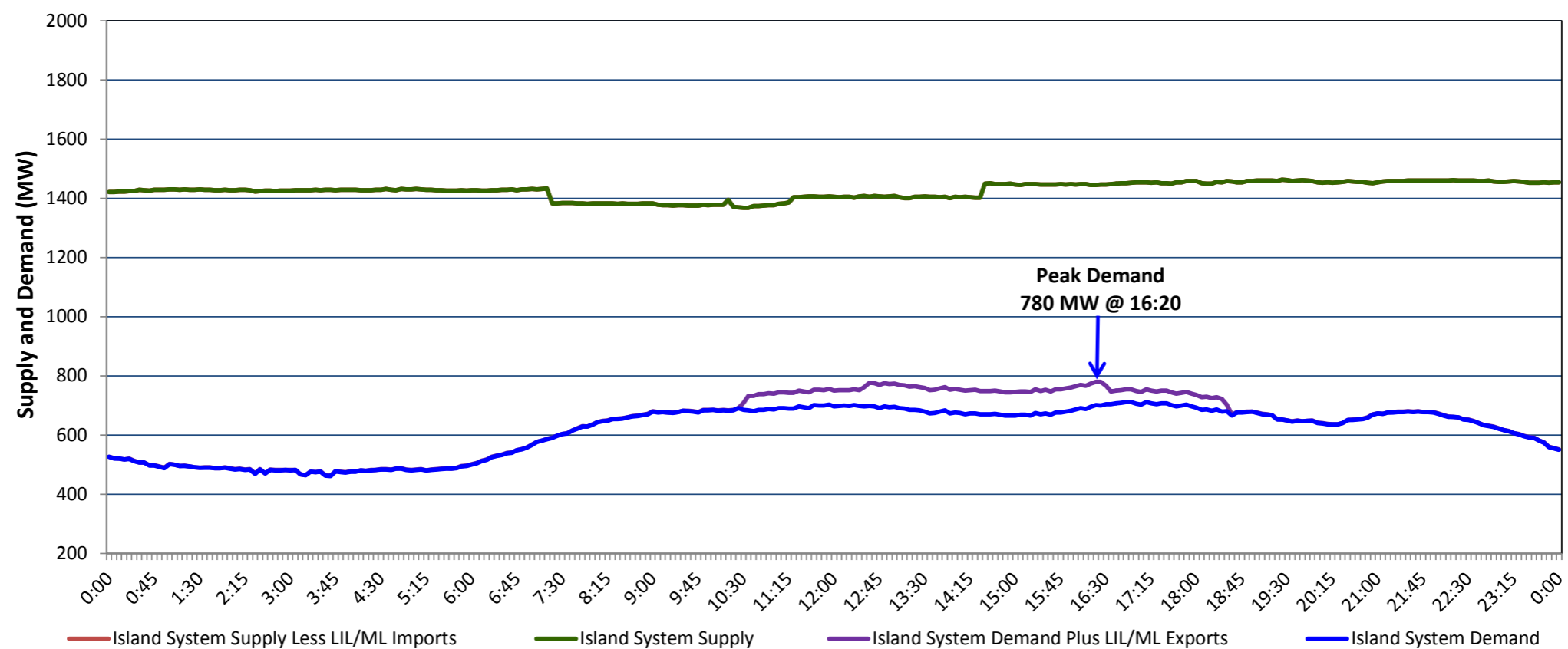


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, June 19, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, June 18, 2020**



**Supply Notes For June 18, 2020**

1,2

- A As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 1000 hours, May 31, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- C As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D As of 1913 hours, June 13, 2020, Holyrood Unit 2 available but not operating (170 MW).
- E At 0718 hours, June 18, 2020, Hardwoods Gas Turbine unavailable due to planned outage (50 MW).
- F At 0902 hours, June 18, 2020, Hawkes Bay Diesel Plant unavailable due to planned outage (5 MW).
- G At 1039 hours, June 18, 2020, Hawkes Bay Diesel Plant available (5 MW).
- H At 1430 hours, June 18, 2020, Hardwoods Gas Turbine available (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Jun 19, 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>	1,455 MW	Friday, June 19, 2020	14	7	790	790
NLH Island Generation: <sup>4</sup>	1,125 MW	Saturday, June 20, 2020	7	5	825	825
NLH Island Power Purchases: <sup>6</sup>	110 MW	Sunday, June 21, 2020	7	9	775	775
Other Island Generation:	220 MW	Monday, June 22, 2020	11	13	790	790
ML/LIL Imports:	- MW	Tuesday, June 23, 2020	18	18	750	750
Current St. John's Temperature & Windchill:	14 °C	Wednesday, June 24, 2020	18	18	740	740
7-Day Island Peak Demand Forecast:	825 MW	Thursday, June 25, 2020	18	19	760	740

**Supply Notes For June 19, 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, Jun 18, 2020	Actual Island Peak Demand <sup>8</sup>	16:20	780 MW
Fri, Jun 19, 2020	Forecast Island Peak Demand		790 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).