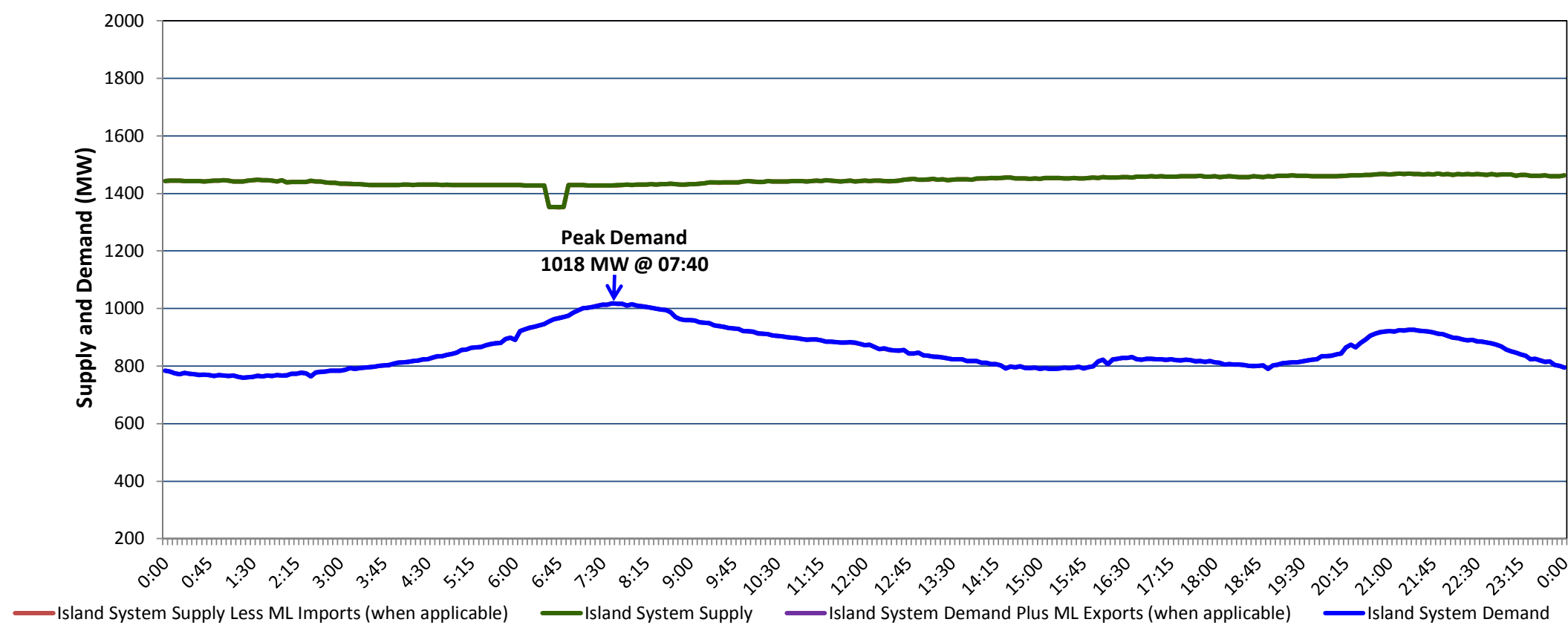


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, May 11, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, May 10, 2018**



**Supply Notes For May 10, 2018**

- 1,2
- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
  - B As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
  - C As of 0938 hours, April 26, 2018, Holyrood Unit 2 removed from service for economic dispatch 70 MW (170 MW).
  - D As of 1800 hours, April 29, 2018, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
  - E As of 1202 hours, May 01, 2018, Hawkes Bay Diesel Plant available at 2.5 MW (5 MW).
  - F As of 2330 hours, May 05, 2018, Holyrood Unit 1 available at 122 MW (170 MW).
  - G As of 0623 hours, May 08, 2018, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
  - H As of 1352 hours, May 09, 2018, Hardwoods Gas Turbine available at 25 MW (50 MW).
  - I **At 0632 hours, May 10, 2018, Bay d'Espoir Unit 3 unavailable (76.5 MW).**
  - J **At 0652 hours, May 10, 2018, Bay d'Espoir Unit 3 available (76.5 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Fri, May 11, 2018	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, May 11, 2018	10	8	945	950
NLH Generation: <sup>4</sup>	1,095	MW	Saturday, May 12, 2018	2	3	1,005	965
NLH Power Purchases: <sup>6</sup>	150	MW	Sunday, May 13, 2018	5	7	960	960
Maritime Link Imports:	-	MW	Monday, May 14, 2018	6	7	985	985
Other Island Generation:	210	MW	Tuesday, May 15, 2018	6	9	965	965
Current St. John's Temperature & Windchill:	12 °C	N/A °C	Wednesday, May 16, 2018	5	5	1,095	1,095
7-Day Island Peak Demand Forecast:	1,095	MW	Thursday, May 17, 2018	11	14	870	870

**Supply Notes For May 11, 2018**

- K At 0721 hours, May 11, 2018, Hardwoods Gas Turbine unavailable due to planned outage 25 MW (50 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 some customer's load must 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, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
  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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
  7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link exports and the impact of voltage reduction, when applicable.

**Section 3  
Island Peak Demand Information  
Previous Day Actual Peak and Current Day Forecast Peak**

Thu, May 10, 2018	Actual Island Peak Demand <sup>8</sup>	07:40	1,018 MW
Fri, May 11, 2018	Forecast Island Peak Demand		945 MW

- Notes: 8. Island Demand / 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).