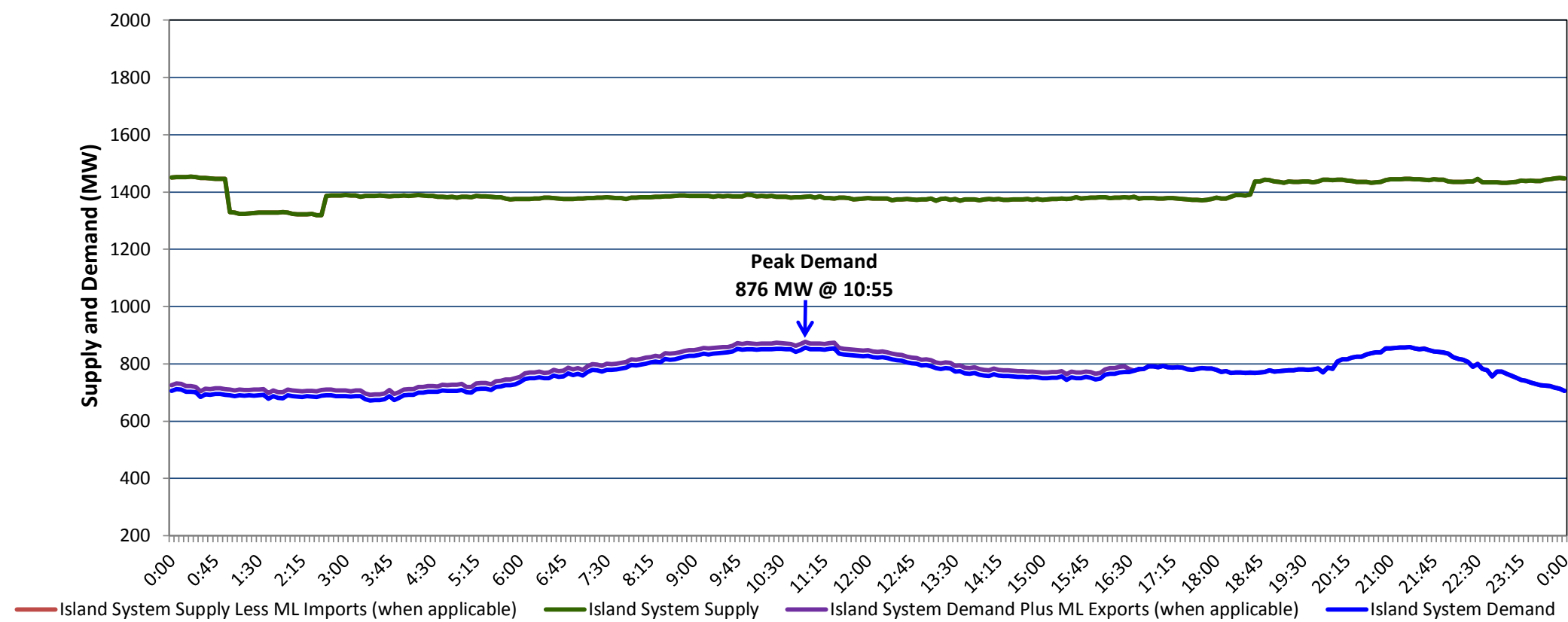


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, May 22, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, May 21, 2018**



**Supply Notes For May 21, 2018**

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- 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 1800 hours, April 29, 2018, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- D As of 0623 hours, May 08, 2018, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- E As of 1753 hours, May 13, 2018, Hardwoods Gas Turbine unavailable (50 MW).
- F As of 0801 hours, May 15, 2018, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- G As of 1516 hours, May 18, 2018, Holyrood Unit 2 unavailable 70 MW (170 MW).
- H At 0058 hours, May 21, 2018, Holyrood Unit 1 unavailable 116 MW (170 MW).
- I At 0239 hours, May 21, 2018, Holyrood Unit 1 available at 70 MW (170 MW).
- J At 1834 hours, May 21, 2018, Holyrood Unit 1 available at 116 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Tue, May 22, 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>	1,450 MW	Tuesday, May 22, 2018	4	4	965	965
NLH Generation: <sup>4</sup>	1,090 MW	Wednesday, May 23, 2018	7	6	980	980
NLH Power Purchases: <sup>6</sup>	150 MW	Thursday, May 24, 2018	3	1	1,080	1,080
Maritime Link Imports:	- MW	Friday, May 25, 2018	2	4	1,050	1,050
Other Island Generation:	210 MW	Saturday, May 26, 2018	10	10	820	820
Current St. John's Temperature & Windchill: 5 °C	N/A °C	Sunday, May 27, 2018	5	2	1,045	1,045
7-Day Island Peak Demand Forecast:	1,080 MW	Monday, May 28, 2018	5	7	955	955

**Supply Notes For May 22, 2018**

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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 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**

Mon, May 21, 2018	Actual Island Peak Demand <sup>8</sup>	10:55	876 MW
Tue, May 22, 2018	Forecast Island Peak Demand		965 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).