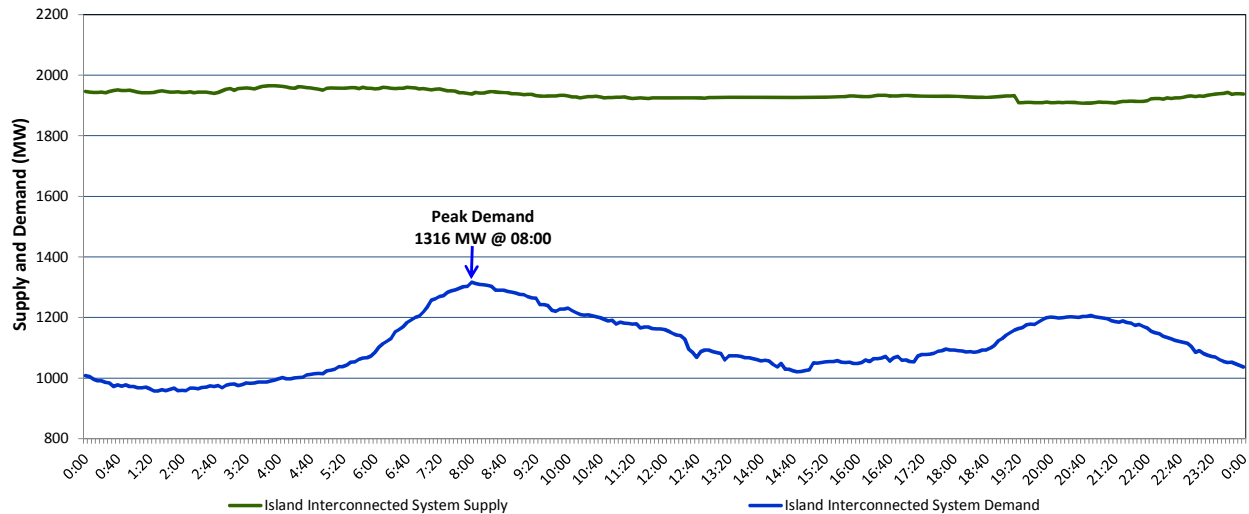


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Thursday, March 23, 2017**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Wednesday, March 22, 2017**



**Supply Notes For March 22, 2017**

- <sup>1,2</sup>
- A** As of 0928 hours, March 12, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).  
**B** As of 1600 hours, March 21, 2017, Holyrood Unit 1 available at 134 MW (170 MW).  
**C** As of 1600 hours, March 21, 2017, Holyrood Unit 2 available at 134 MW (170 MW).  
**D** At 1910 hours, March 22, 2017, Holyrood Unit 3 available at 130 MW (150 MW).

**Section 2  
Island Interconnected Supply and Demand**

Thu, Mar 23, 2017	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>	1,935 MW	Thursday, March 23, 2017	3	-3	1,380	1,273
NLH Generation: <sup>4</sup>	1,575 MW	Friday, March 24, 2017	-8	-9	1,505	1,396
NLH Power Purchases: <sup>6</sup>	145 MW	Saturday, March 25, 2017	-5	-1	1,360	1,253
Other Island Generation:	215 MW	Sunday, March 26, 2017	-12	-9	1,515	1,406
Current St. John's Temperature:	2 °C	Monday, March 27, 2017	-11	-6	1,610	1,500
Current St. John's Windchill:	N/A °C	Tuesday, March 28, 2017	-2	-1	1,380	1,273
7-Day Island Peak Demand Forecast:	1,610 MW	Wednesday, March 29, 2017	-4	-3	1,395	1,288

**Supply Notes For March 23, 2017**

- <sup>3</sup>
- 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 Interconnected System being isolated from 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, Vale capacity assistance (when applicable), and Wind Generation.
  7. Adjusted for CBP&P, Praxair and Vale interruptible load as well as the impact of voltage reduction, when applicable.

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

Wed, Mar 22, 2017	Actual Island Peak Demand <sup>8</sup>	08:00	1,316 MW
Thu, Mar 23, 2017	Forecast Island Peak Demand		1,380 MW

- Notes: <sup>8</sup> Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).