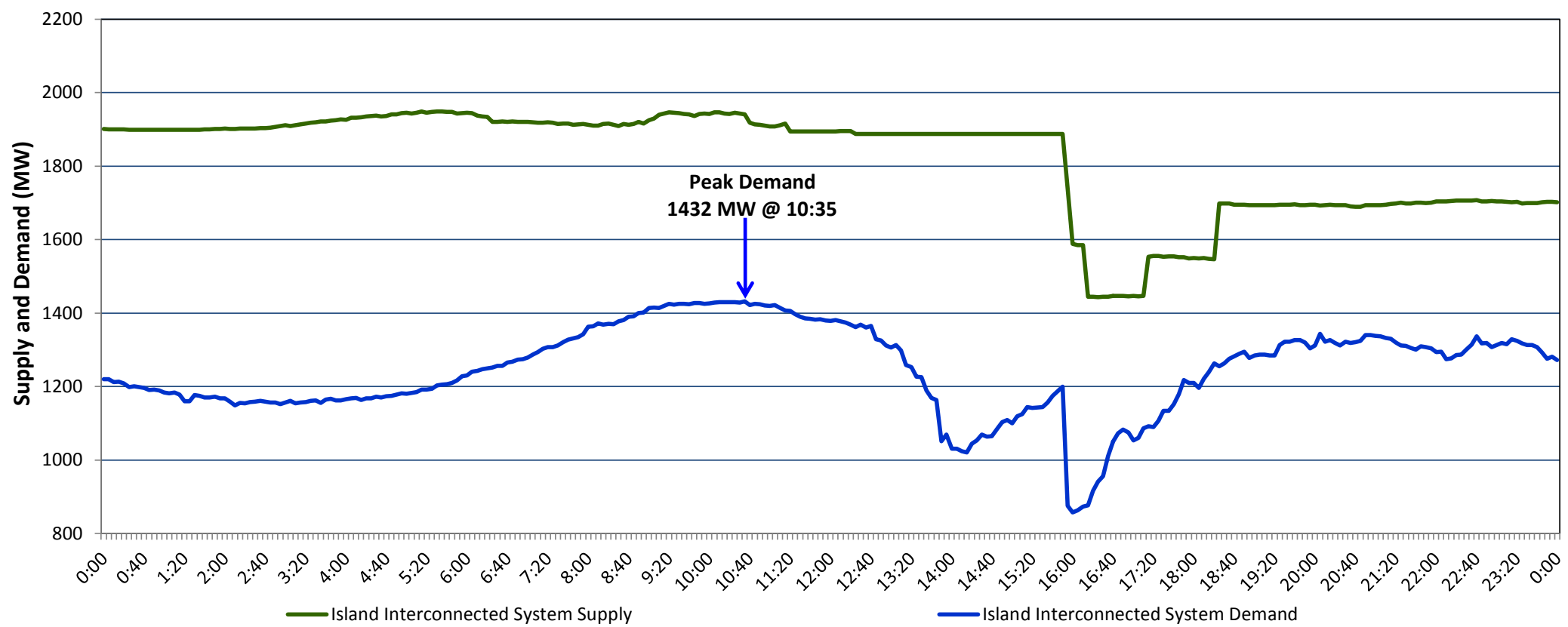


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, March 14, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, March 11, 2017**



Supply Notes For March 11, 2017

- 1,2
- A As of 0700 hours, March 06, 2017, Holyrood Unit 2 available at 140 MW (170 MW).
 - B As of 1700 hours, March 07, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
 - C At 1222 hours, March 11, 2017, Paradise River Unit unavailable (8 MW).
 - D At 1554 hours, March 11, 2017, Hardwoods Gas Turbine unavailable 25 MW (50 MW).
 - E At 1554 hours, March 11, 2017, Holyrood Combustion Turbine unavailable (123.5 MW).
 - F At 1557 hours, March 11, 2017, Holyrood Unit 3 unavailable (150 MW).
 - G At 1613 hours, March 11, 2017, Holyrood Unit 1 unavailable 140 MW (170 MW).
 - H At 1711 hours, March 11, 2017, Holyrood Combustion Turbine available at 105 MW (123.5 MW).
 - I At 1820 hours, March 11, 2017, Holyrood Unit 3 available (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Sun, Mar 12, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,715 MW	Sunday, March 12, 2017	-8	-8	1,600	1,490
NLH Generation: ⁴	1,405 MW	Monday, March 13, 2017	-3	-3	1,485	1,377
NLH Power Purchases: ⁶	100 MW	Tuesday, March 14, 2017	-6	-3	1,420	1,312
Other Island Generation:	210 MW	Wednesday, March 15, 2017	-1	5	1,405	1,298
Current St. John's Temperature:	-9 °C	Thursday, March 16, 2017	1	-3	1,395	1,288
Current St. John's Windchill:	-19 °C	Friday, March 17, 2017	-5	-3	1,425	1,317
7-Day Island Peak Demand Forecast:	1,600 MW	Saturday, March 18, 2017	-2	-2	1,225	1,120

Supply Notes For March 12, 2017

- 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 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**

Sat, Mar 11, 2017	Actual Island Peak Demand ⁸	10:35	1,432 MW
Sun, Mar 12, 2017	Forecast Island Peak Demand		1,600 MW

- Notes: 8. 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).