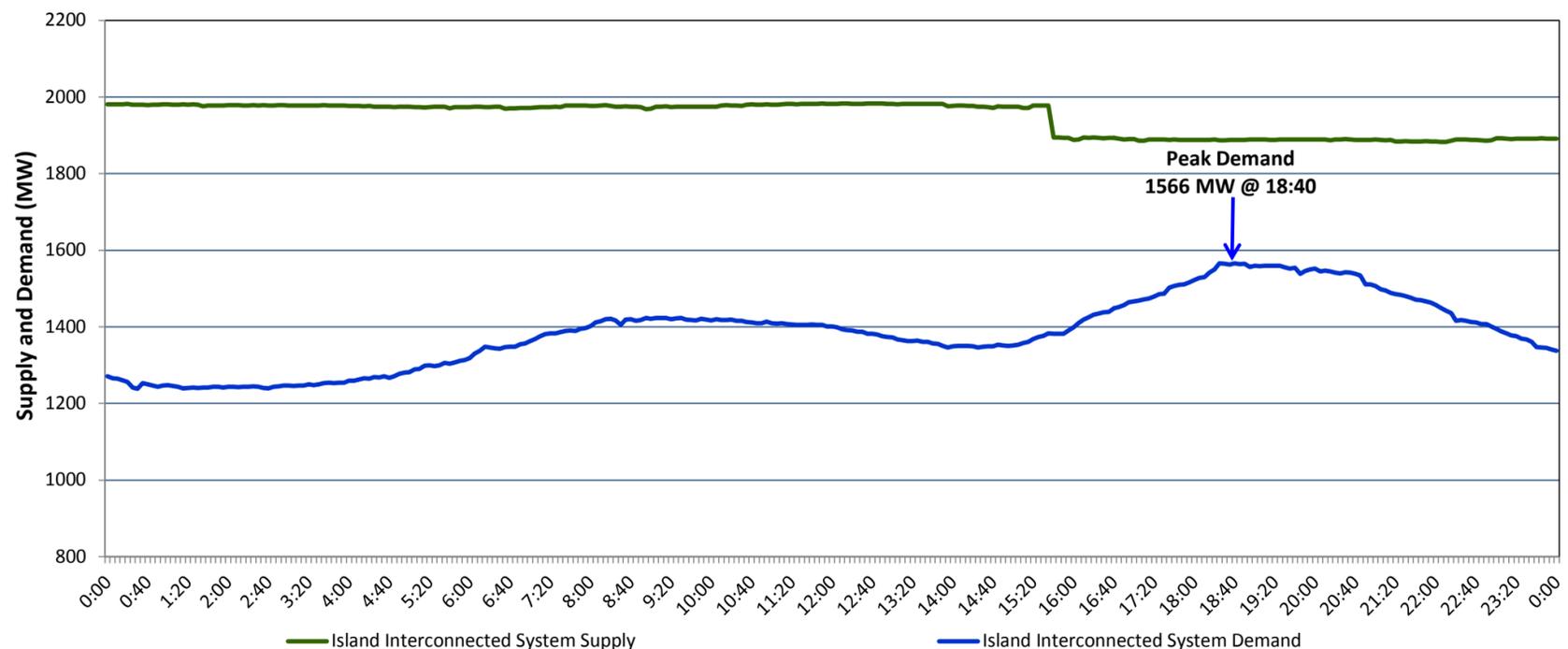


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, March 06, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Saturday, March 04, 2017



Supply Notes For March 04, 2017

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- A As of 1513 hours, February 09, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
- B As of 1238 hours, February 19, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
- C As of 0720 hours, February 22, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
- D As of 1925 hours, February 27, 2017, Holyrood Unit 1 available at 150 MW (170 MW).
- E At 1538 hours, March 04, 2017, Upper Salmon Unit unavailable (84 MW).

Section 2 Island Interconnected Supply and Demand

Sun, Mar 05, 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	1,890 MW	Sunday, March 05, 2017	-6	-3	1,560	1,451
NLH Generation: ⁴	1,530 MW	Monday, March 06, 2017	-3	-3	1,470	1,362
NLH Power Purchases: ⁶	145 MW	Tuesday, March 07, 2017	-5	-4	1,485	1,377
Other Island Generation:	215 MW	Wednesday, March 08, 2017	-7	-3	1,490	1,382
Current St. John's Temperature:	-8 °C	Thursday, March 09, 2017	0	0	1,380	1,273
Current St. John's Windchill:	-18 °C	Friday, March 10, 2017	-2	-4	1,425	1,317
7-Day Island Peak Demand Forecast:	1,690 MW	Saturday, March 11, 2017	-2	-14	1,690	1,579

Supply Notes For March 05, 2017

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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 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 04, 2017	Actual Island Peak Demand ⁸	18:40	1,566 MW
Sun, Mar 05, 2017	Forecast Island Peak Demand		1,560 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).