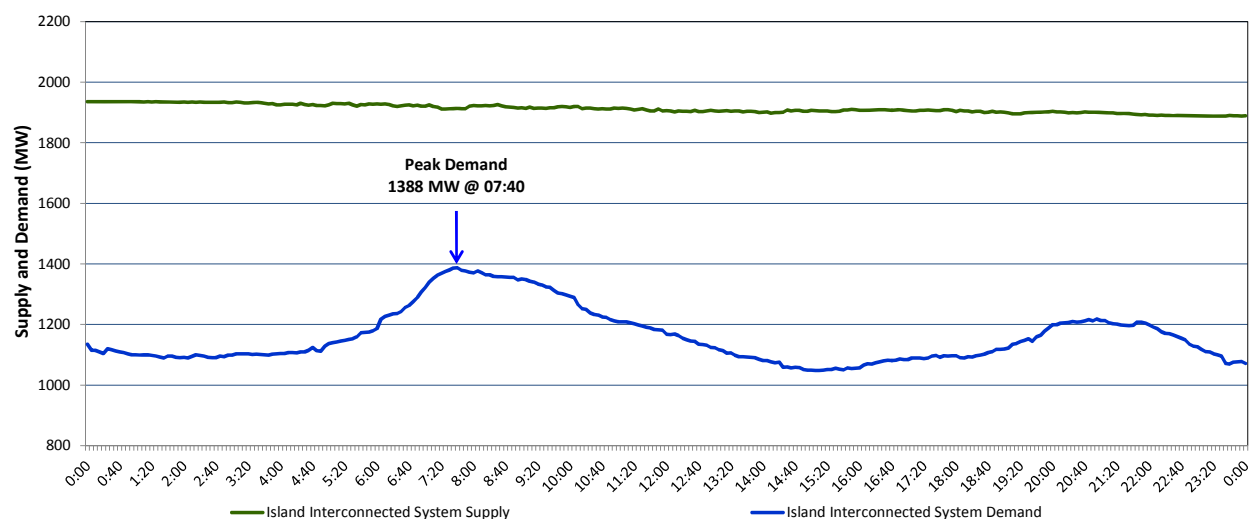


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Thursday, April 06, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Wednesday, April 05, 2017



Supply Notes For April 05, 2017

- A** As of 0829 hours, March 31, 2017, Holyrood Unit 1 available at 135 MW (170 MW).
B As of 0829 hours, March 31, 2017, Holyrood Unit 3 available at 135 MW (150 MW).
C As of 1526 hours, April 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
D At 0651 hours, April 05, 2017, Paradise River Unit unavailable (8 MW).
E At 0720 hours, April 05, 2017, Holyrood Unit 2 available at 130 MW (170 MW).
F At 0755 hours, April 05, 2017, Paradise River Unit available (8 MW).

Section 2 Island Interconnected System Supply and Demand

Thu, Apr 06, 2017		Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	
Available Island System Supply: ⁵	1,880	MW	Thursday, April 06, 2017	-3	-3	1,375
NLH Generation: ⁴	1,580	MW	Friday, April 07, 2017	-3	0	1,355
NLH Power Purchases: ⁶	85	MW	Saturday, April 08, 2017	6	6	1,025
Other Island Generation:	215	MW	Sunday, April 09, 2017	4	3	1,110
Current St. John's Temperature:	-4	°C	Monday, April 10, 2017	0	4	1,235
Current St. John's Windchill:	-8	°C	Tuesday, April 11, 2017	3	4	1,185
7-Day Island Peak Demand Forecast:	1,375	MW	Wednesday, April 12, 2017	7	8	1,010

Supply Notes For April 06, 2017

- Notes:**
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

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

Wed, Apr 05, 2017	Actual Island Peak Demand ⁸	07:40	1,388 MW
Thu, Apr 06, 2017	Forecast Island Peak Demand		1,375 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).