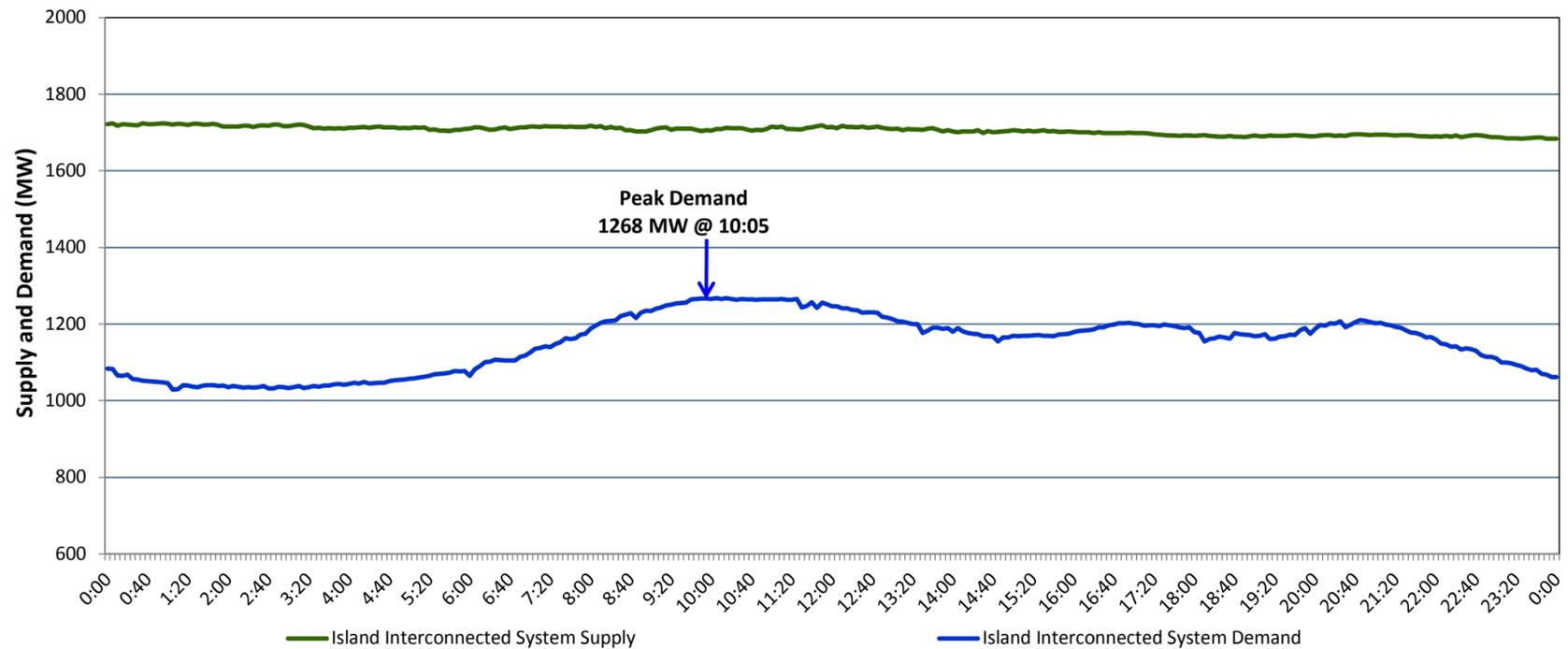


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, April 24, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Saturday, April 22, 2017



Supply Notes For April 22, 2017

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- 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 As of 2151 hours, April 07, 2017, Holyrood Unit 2 unavailable due to planned outage 130 MW (170 MW).
- E As of 1520 hours, April 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
- F As of 2021 hours, April 19, 2017, Hinds Lake Unit unavailable (75 MW).

Section 2 Island Interconnected Supply and Demand

Sun, Apr 23, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	Forecast
Available Island System Supply: ⁵	1,825 MW	Sunday, April 23, 2017	0	0	1,240
NLH Generation: ⁴	1,525 MW	Monday, April 24, 2017	0	4	1,220
NLH Power Purchases: ⁶	85 MW	Tuesday, April 25, 2017	-2	0	1,295
Other Island Generation:	215 MW	Wednesday, April 26, 2017	-1	2	1,185
Current St. John's Temperature:	-1 °C	Thursday, April 27, 2017	5	9	1,080
Current St. John's Windchill:	-4 °C	Friday, April 28, 2017	2	5	1,160
7-Day Island Peak Demand Forecast:	1,295 MW	Saturday, April 29, 2017	12	5	985

Supply Notes For April 23, 2017

3

- G At 0108 hours, April 23, 2017, Holyrood Unit 2 available at 153 MW (170 MW).

- 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.

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

Sat, Apr 22, 2017	Actual Island Peak Demand ⁸	10:05	1,268 MW
Sun, Apr 23, 2017	Forecast Island Peak Demand		1,240 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).