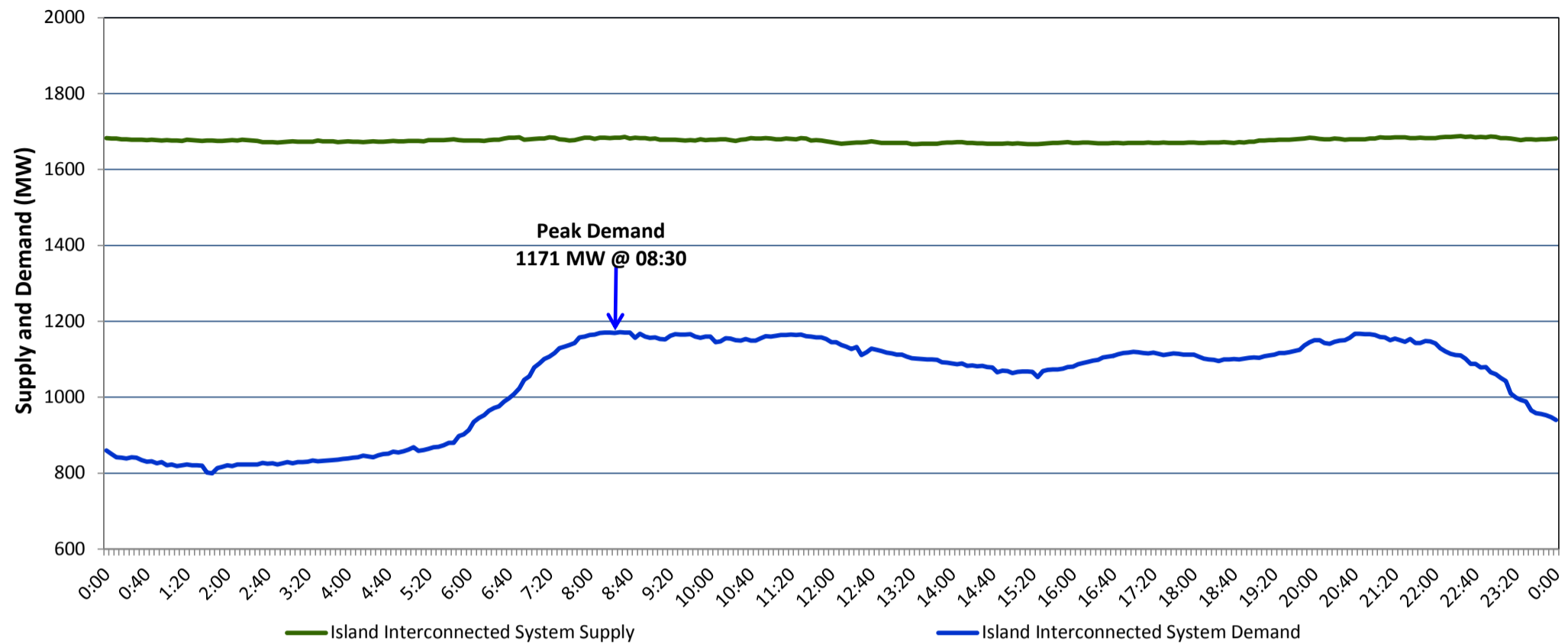


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, April 13, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, April 12, 2017**



Supply Notes For April 12, 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 1040 hours, April 09, 2017, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- F As of 1432 hours, April 09, 2017, Paradise River Unit unavailable due to planned outage (8 MW).

**Section 2
Island Interconnected System Supply and Demand**

Thu, Apr 13, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,675 MW	Thursday, April 13, 2017	1	6	1,280
NLH Generation: ⁴	1,365 MW	Friday, April 14, 2017	2	0	1,215
NLH Power Purchases: ⁶	90 MW	Saturday, April 15, 2017	-1	-1	1,185
Other Island Generation:	220 MW	Sunday, April 16, 2017	0	4	1,160
Current St. John's Temperature:	-1 °C	Monday, April 17, 2017	3	6	1,195
Current St. John's Windchill:	-4 °C	Tuesday, April 18, 2017	-2	0	1,325
7-Day Island Peak Demand Forecast:	1,325 MW	Wednesday, April 19, 2017	-1	-2	1,280

Supply Notes For April 13, 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.

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

Wed, Apr 12, 2017	Actual Island Peak Demand ⁸	08:30	1,171 MW
Thu, Apr 13, 2017	Forecast Island Peak Demand		1,280 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).