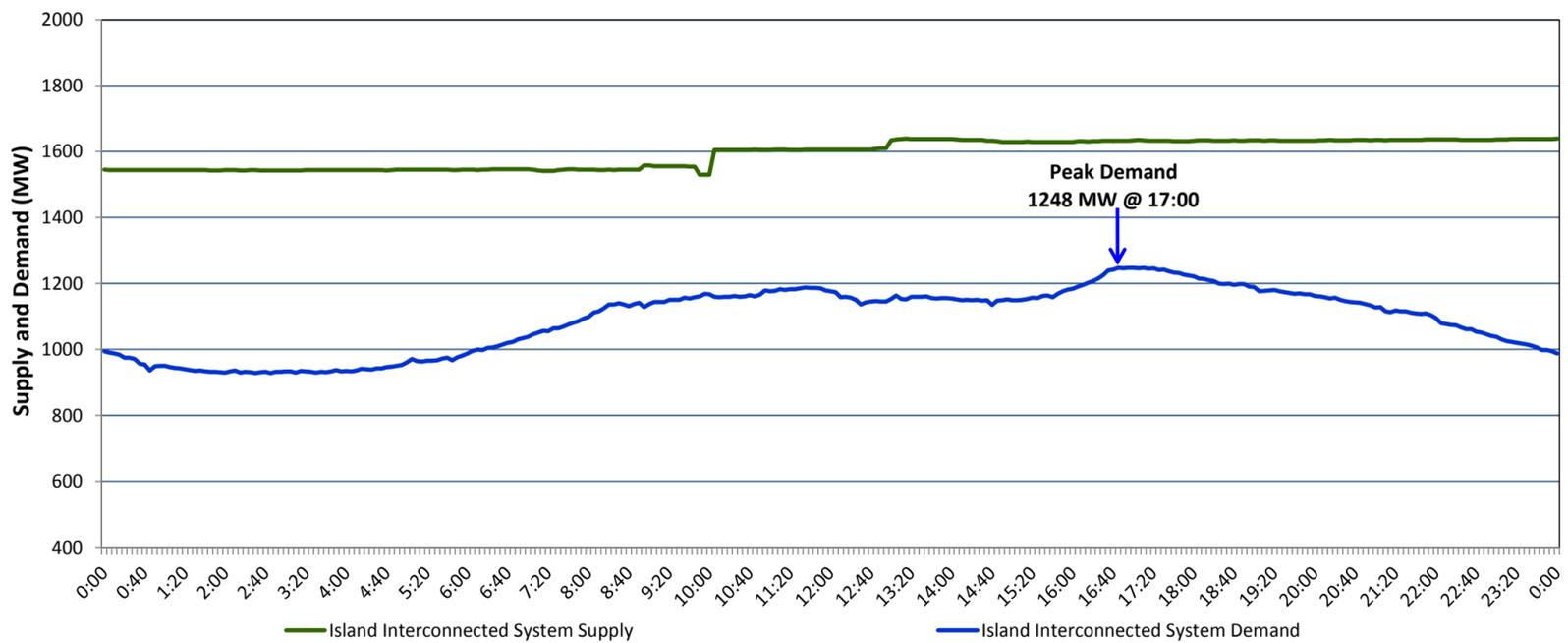


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, December 04, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, December 02, 2017**



Supply Notes For December 02, 2017

- 1,2
- A As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 1 unavailable (76.5 MW).
 B As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 2 unavailable (76.5 MW).
 C As of 1908 hours, November 24, 2017, Holyrood Unit 2 available at 160 MW (170 MW).
 D As of 2148 hours, November 30, 2017, Holyrood Unit 1 unavailable due to planned outage 145 MW (170 MW).
 E At 0852 hours, December 02, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
 F At 0946 hours, December 02, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
 G At 1002 hours, December 02, 2017, Hinds Lake Unit available (75 MW).
 H At 1255 hours, December 02, 2017, Hardwoods Gas Turbine available at full capacity (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Sun, Dec 03, 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	1,635 MW	Sunday, December 03, 2017	0	1	1,370	1,263
NLH Generation: ⁴	1,350 MW	Monday, December 04, 2017	2	1	1,370	1,263
NLH Power Purchases: ⁶	85 MW	Tuesday, December 05, 2017	1	0	1,345	1,238
Other Island Generation:	200 MW	Wednesday, December 06, 2017	2	3	1,280	1,174
Current St. John's Temperature:	0 °C	Thursday, December 07, 2017	3	4	1,220	1,115
Current St. John's Windchill:	-5 °C	Friday, December 08, 2017	4	1	1,290	1,184
7-Day Island Peak Demand Forecast:	1,370 MW	Saturday, December 09, 2017	2	1	1,305	1,199

Supply Notes For December 03, 2017

- 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 and Vale and Praxair interruptible load and the impact of voltage reduction, when applicable.

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

Sat, Dec 02, 2017	Actual Island Peak Demand ⁸	17:00	1,248 MW
Sun, Dec 03, 2017	Forecast Island Peak Demand		1,370 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).