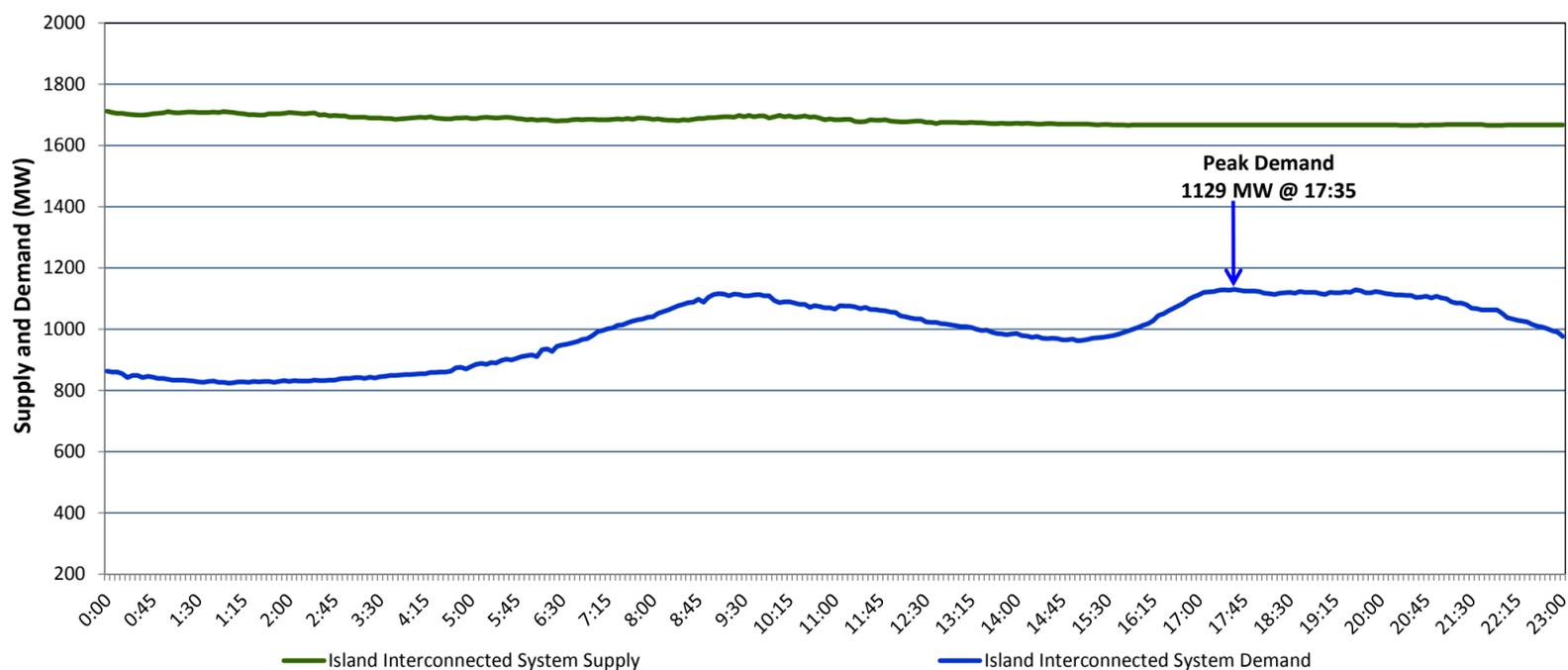


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 06, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Sunday, November 05, 2017**



Supply Notes For November 05, 2017

- ^{1,2}
- A As of 0814 hours, October 25, 2017, Holyrood Unit 1 available at 135 MW (170 MW).
 - B As of 0652 hours, October 30, 2017, Hinds Lake Unit unavailable due to planned outage (75 MW).
 - C As of 2329 hours, November 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - D As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 1 unavailable (76.5 MW).
 - E As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 2 unavailable (76.5 MW).
 - F As of 1800 hours, November 04, 2017, Holyrood Unit 2 available at 150 MW (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Nov 06, 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	1,690 MW	Monday, November 06, 2017	2	9	1,195	1,101
NLH Generation: ⁴	1,385 MW	Tuesday, November 07, 2017	14	4	1,140	1,047
NLH Power Purchases: ⁶	110 MW	Wednesday, November 08, 2017	3	1	1,225	1,131
Other Island Generation:	195 MW	Thursday, November 09, 2017	2	4	1,230	1,136
Current St. John's Temperature:	2 °C	Friday, November 10, 2017	7	11	1,125	1,032
Current St. John's Windchill:	N/A °C	Saturday, November 11, 2017	5	3	1,235	1,141
7-Day Island Peak Demand Forecast:	1,235 MW	Sunday, November 12, 2017	2	2	1,210	1,116

Supply Notes For November 06, 2017

- ³
- 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 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**

Sun, Nov 05, 2017	Actual Island Peak Demand ⁸	17:35	1,129 MW
Mon, Nov 06, 2017	Forecast Island Peak Demand		1,195 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).