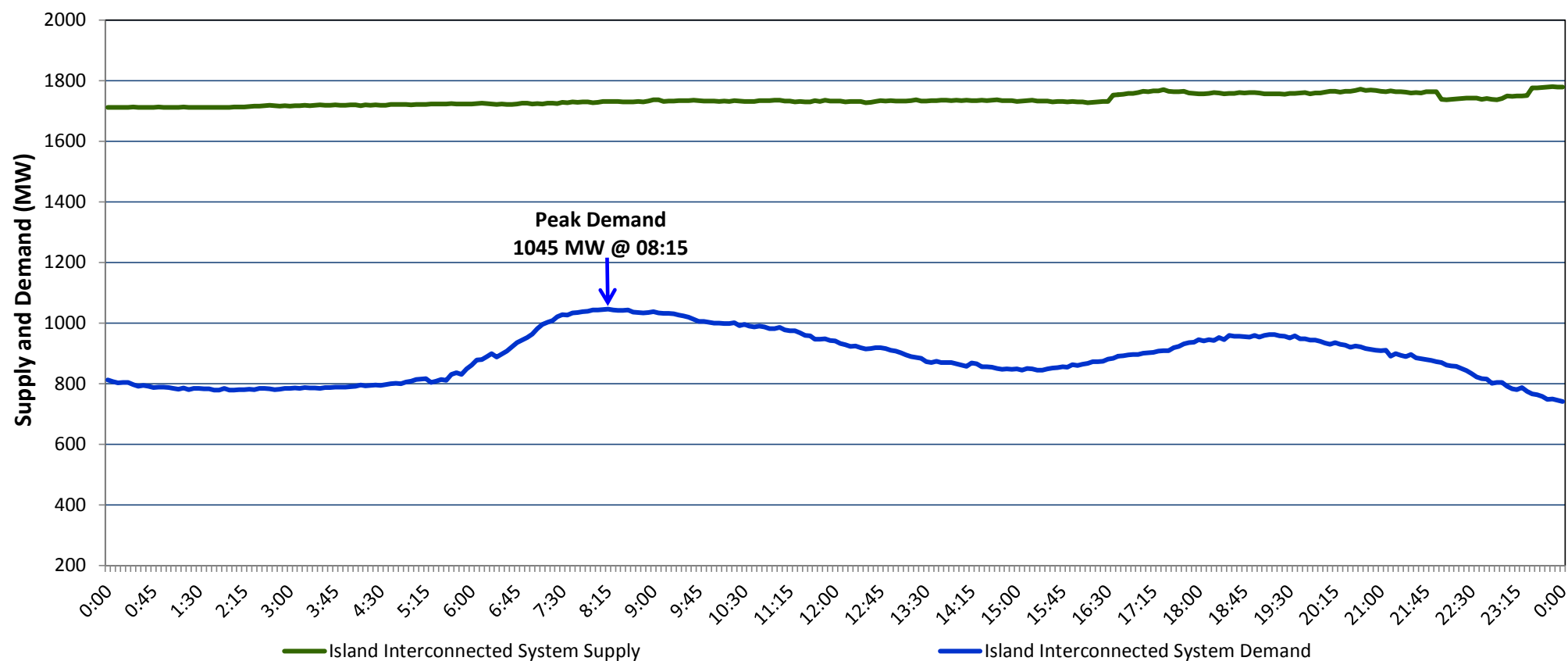


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, November 06, 2017**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Friday, November 03, 2017**



**Supply Notes For November 03, 2017**

- <sup>1,2</sup>
- 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 1745 hours, November 02, 2017, Holyrood Unit 2 available at 70 MW (170 MW).
  - D At 1635 hours, November 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
  - E At 2156 hours, November 03, 2017, Stephenville Gas Turbine unavailable 25 MW (50 MW).
  - F At 2329 hours, November 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Sat, Nov 04, 2017	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,810 MW	Saturday, November 04, 2017	12	5	1,045	953
NLH Generation: <sup>4</sup>	1,490 MW	Sunday, November 05, 2017	-1	-2	1,205	1,111
NLH Power Purchases: <sup>6</sup>	120 MW	Monday, November 06, 2017	1	7	1,200	1,106
Other Island Generation:	200 MW	Tuesday, November 07, 2017	13	5	1,190	1,096
Current St. John's Temperature:	13 °C	Wednesday, November 08, 2017	3	2	1,260	1,165
Current St. John's Windchill:	N/A °C	Thursday, November 09, 2017	2	2	1,250	1,155
7-Day Island Peak Demand Forecast:	1,260 MW	Friday, November 10, 2017	6	8	1,125	1,032

**Supply Notes For November 04, 2017**

- <sup>3</sup>
- G At 0755 hours, November 04, 2017, Holyrood Unit 2 available at 100 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.
  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**

Fri, Nov 03, 2017	Actual Island Peak Demand <sup>8</sup>	08:15	1,045 MW
Sat, Nov 04, 2017	Forecast Island Peak Demand		1,045 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).