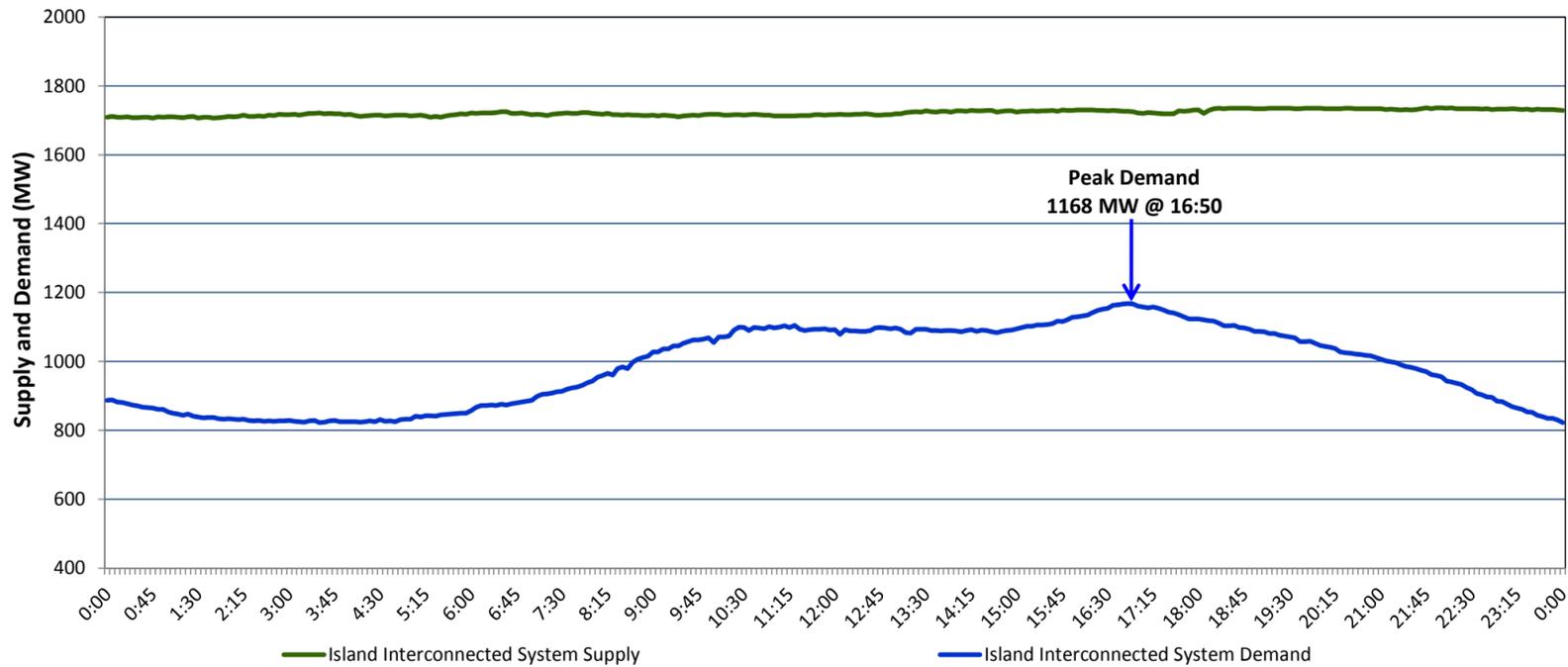


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, November 27, 2017**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Sunday, November 26, 2017**



**Supply Notes For November 26, 2017**

- <sup>1,2</sup>
- 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 0012 hours, November 16, 2017, Holyrood Unit 1 available at 145 MW (170 MW).
  - D As of 0650 hours, November 22, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
  - E As of 1908 hours, November 24, 2017, Holyrood Unit 2 available at 160 MW (170 MW).
  - F As of 0040 hours, November 25, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

Mon, Nov 27, 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>	1,705 MW	Monday, November 27, 2017	6	2	1,295	1,200
NLH Generation: <sup>4</sup>	1,405 MW	Tuesday, November 28, 2017	0	-3	1,420	1,323
NLH Power Purchases: <sup>6</sup>	120 MW	Wednesday, November 29, 2017	-6	3	1,380	1,284
Other Island Generation:	180 MW	Thursday, November 30, 2017	4	-1	1,420	1,323
Current St. John's Temperature:	6 °C	Friday, December 01, 2017	-1	0	1,350	1,254
Current St. John's Windchill:	N/A °C	Saturday, December 02, 2017	0	1	1,280	1,185
7-Day Island Peak Demand Forecast:	1,420 MW	Sunday, December 03, 2017	5	6	1,220	1,126

**Supply Notes For November 27, 2017**

- <sup>3</sup>
- 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 26, 2017	Actual Island Peak Demand <sup>8</sup>	16:50	1,168 MW
Mon, Nov 27, 2017	Forecast Island Peak Demand		1,295 MW

- Notes: <sup>8</sup> 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).