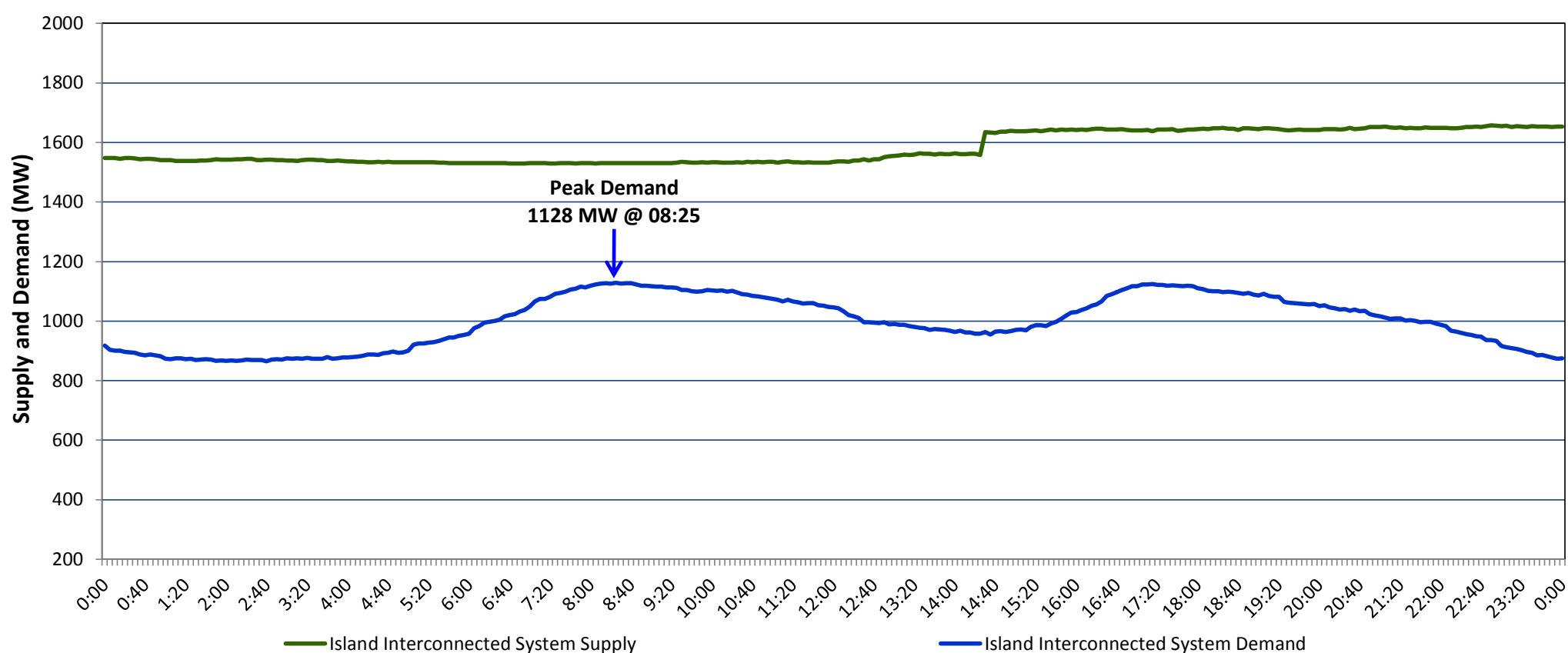


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, November 14, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Friday, November 10, 2017**



Supply Notes For November 10, 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 1800 hours, November 04, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
- D As of 1848 hours, November 07, 2017, Holyrood Unit 1 unavailable due to planned outage 135 MW (170 MW).
- E As of 0939 hours, November 08, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
- F At 1253 hours, November 10, 2017, Paradise River Unit available (8 MW).
- G At 1422 hours, November 10, 2017, Hinds Lake Unit available (75 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Nov 11, 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	1,640 MW	Saturday, November 11, 2017	4	2	1,135	1,042
NLH Generation: ⁴	1,325 MW	Sunday, November 12, 2017	0	0	1,215	1,121
NLH Power Purchases: ⁶	125 MW	Monday, November 13, 2017	0	1	1,185	1,091
Other Island Generation:	190 MW	Tuesday, November 14, 2017	3	2	1,250	1,155
Current St. John's Temperature:	2 °C	Wednesday, November 15, 2017	1	4	1,360	1,264
Current St. John's Windchill:	N/A °C	Thursday, November 16, 2017	3	4	1,275	1,180
7-Day Island Peak Demand Forecast:	1,360 MW	Friday, November 17, 2017	4	4	1,245	1,150

Supply Notes For November 11, 2017 ³

- Notes:
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
 - 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 10, 2017	Actual Island Peak Demand ⁸	08:25	1,128 MW
Sat, Nov 11, 2017	Forecast Island Peak Demand		1,135 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).