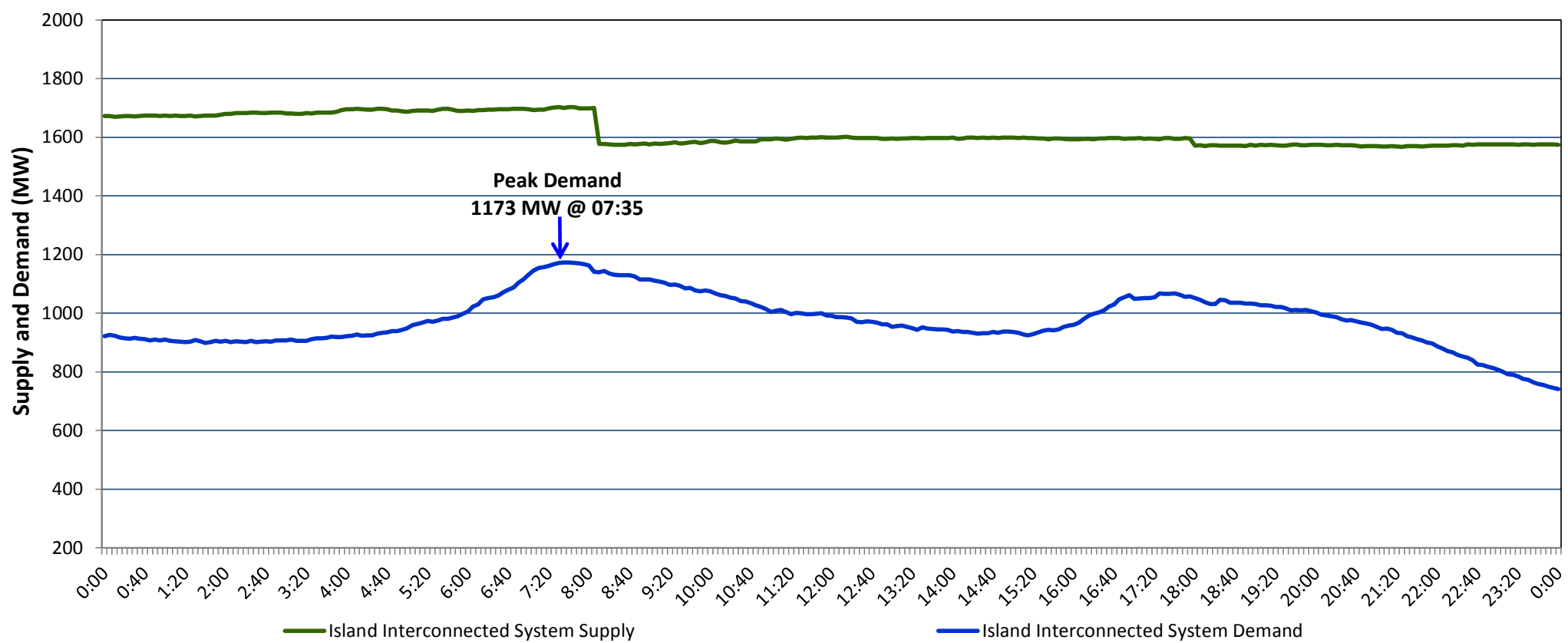


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Tuesday, November 07, 2017 (Revised - November 08, 2017)

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Monday, November 06, 2017



Supply Notes For November 06, 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 1510 hours, November 04, 2017, Bay d'Espoir Unit 1 unavailable (76.5 MW).
- D As of 1510 hours, November 04, 2017, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- E As of 1800 hours, November 04, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
- F At 0806 hours, November 06, 2017, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).
- G At 0900 hours, November 06, 2017, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- H At 1800 hours, November 06, 2017, Stephenville Gas Turbine unavailable 25 MW (50 MW).

Section 2 Island Interconnected Supply and Demand

Tue, Nov 07, 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	1,555 MW	Tuesday, November 07, 2017	14	4	1,125	1,032
NLH Generation: ⁴	1,235 MW	Wednesday, November 08, 2017	2	2	1,220	1,126
NLH Power Purchases: ⁶	130 MW	Thursday, November 09, 2017	3	3	1,235	1,141
Other Island Generation:	190 MW	Friday, November 10, 2017	6	5	1,160	1,066
Current St. John's Temperature:	16 °C	Saturday, November 11, 2017	5	2	1,260	1,165
Current St. John's Windchill:	N/A °C	Sunday, November 12, 2017	4	1	1,240	1,146
7-Day Island Peak Demand Forecast:	1,260 MW	Monday, November 13, 2017	3	3	1,180	1,086

Supply Notes For November 07, 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

Mon, Nov 06, 2017	Actual Island Peak Demand ⁸	07:35	1,173 MW
Tue, Nov 07, 2017	Forecast Island Peak Demand		1,125 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).