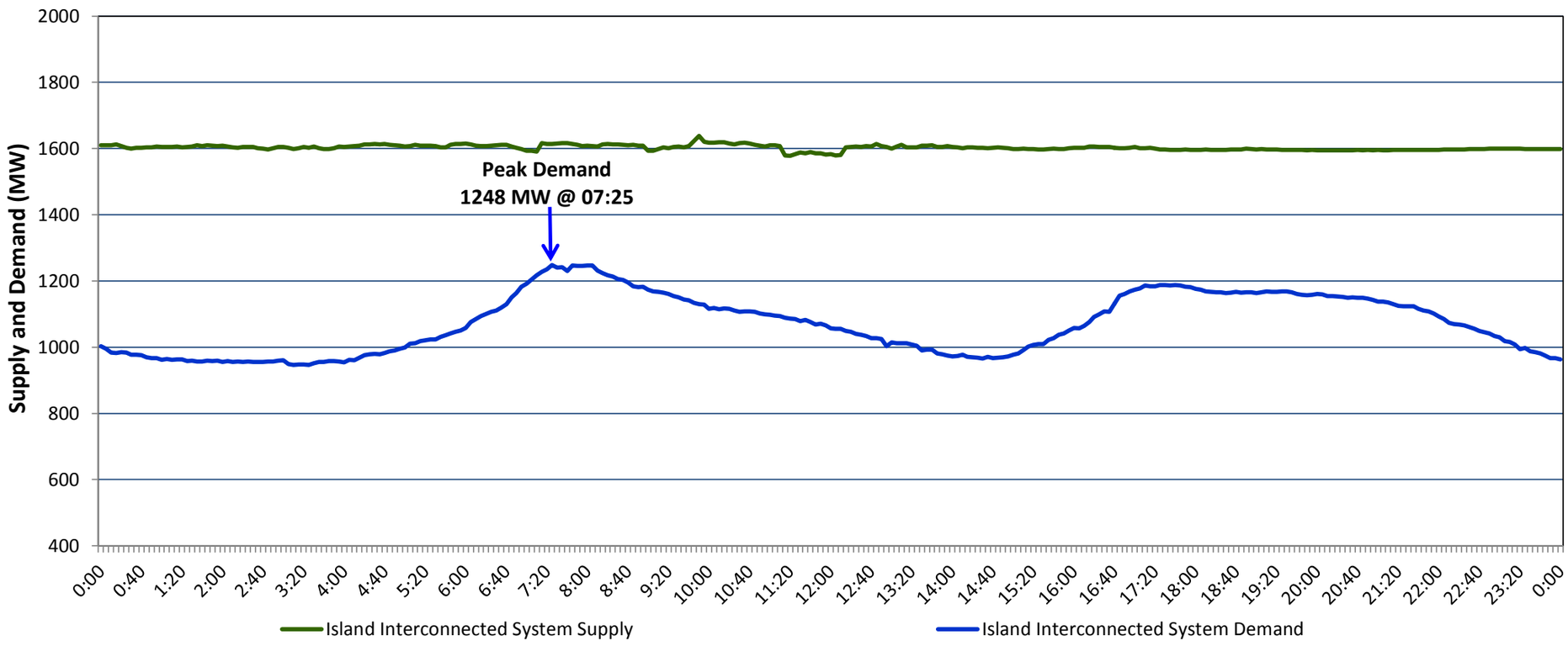
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, November 23, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, November 22, 2017



Supply Notes For November 22, 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 0012 hours, November 16, 2017, Holyrood Unit 1 available at 145 MW (170 MW).
D	As of 2115 hours, November 20, 2017, Holyrood Unit 2 unavailable due to planned outage 150 MW (170 MW).
E	At 0650 hours, November 22, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
F	At 1115 hours, November 22, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
G	At 1214 hours, November 22, 2017, Hardwoods Gas Turbine available at full capacity (50 MW).

Section 2
Island Interconnected Supply and Demand

Thu, Nov 23, 2017 Island System Outlook[3]		
Available Island System Supply:[5]	**1,610**	**MW**
NLH Generation:[4]	1,320	MW
NLH Power Purchases:[6]	100	MW
Other Island Generation:	190	MW
Current St. John's Temperature:	2	°C
Current St. John's Windchill:	N/A	°C
7-Day Island Peak Demand Forecast:	**1,385**	MW

Seven-Day Forecast	Temperature (°C) Morning	Evening	Island System Daily Peak Demand (MW) Forecast	Adjusted[7]
Thursday, November 23, 2017	3	5	**1,290**	**1,195**
Friday, November 24, 2017	3	2	1,295	1,200
Saturday, November 25, 2017	-3	5	1,305	1,210
Sunday, November 26, 2017	5	8	1,250	1,155
Monday, November 27, 2017	5	1	1,295	1,200
Tuesday, November 28, 2017	-1	-1	1,385	1,289
Wednesday, November 29, 2017	5	8	1,185	1,091

Supply Notes For November 23, 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

Wed, Nov 22, 2017	Actual Island Peak Demand[8]	07:25	1,248 MW
Thu, Nov 23, 2017	Forecast Island Peak Demand		1,290 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).