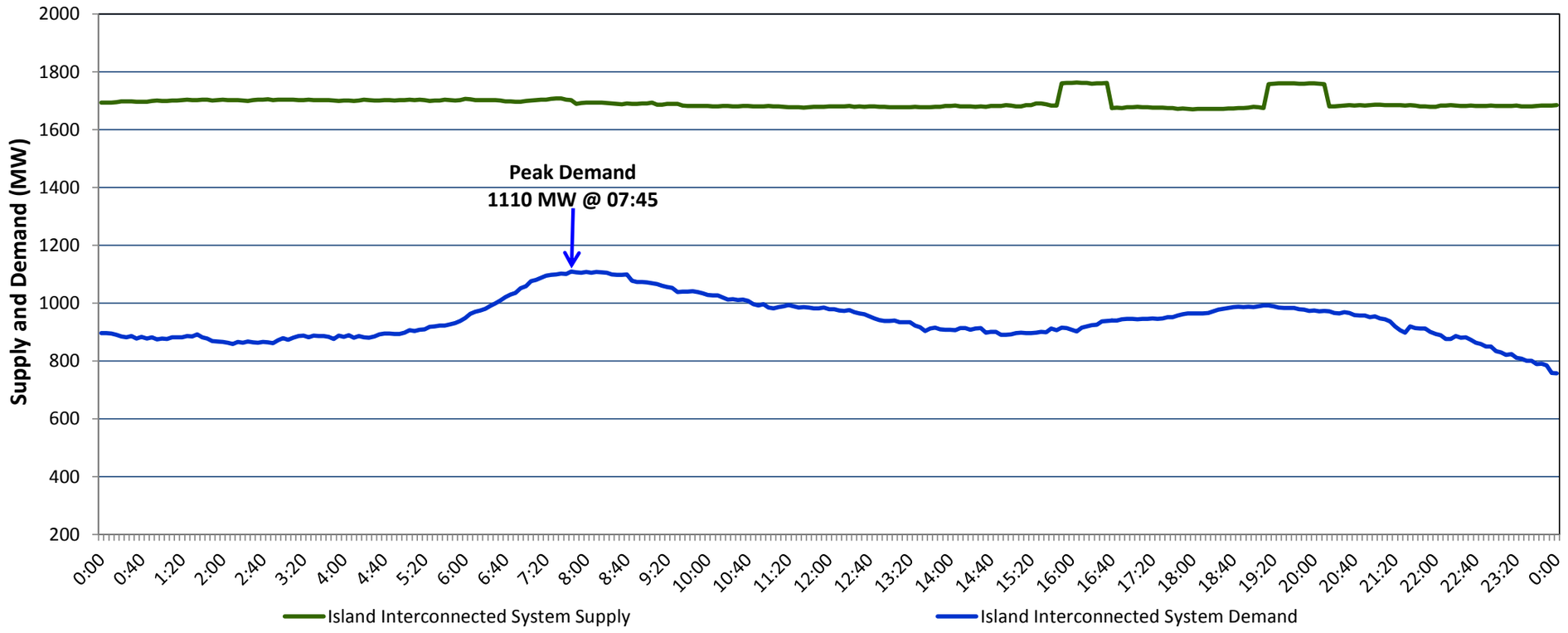
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, October 25, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, October 24, 2017



Supply Notes For October 24, 2017 [1,2]

A	As of 0827 hours, July 31, 2017, Holyrood Unit 2 unavailable due to planned outage 165 MW (170 MW).
B	As of 0658 hours, October 23, 2017, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
C	At 0910 hours, October 24, 2017, Holyrood Unit 1 available at 145 MW (170 MW).
D	At 1548 hours, October 24, 2017, Bay d'Espoir Unit 6 available (76.5 MW).
E	At 1639 hours, October 24, 2017, Upper Salmon Unit unavailable due to planned outage (84 MW).
F	At 1913 hours, October 24, 2017, Upper Salmon Unit available (84 MW).
G	At 2015 hours, October 24, 2017, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Oct 25, 2017	Island System Outlook[3]		Seven-Day Forecast	Temperature (°C) Morning	Temperature (°C) Evening	Island System Daily Peak Demand (MW) Forecast
Available Island System Supply:[5]	**1,665**	**MW**	Wednesday, October 25, 2017	7	5	**1,000**
NLH Generation:[4]	1,370	MW	Thursday, October 26, 2017	6	6	990
NLH Power Purchases:[6]	105	MW	Friday, October 27, 2017	5	7	985
Other Island Generation:	190	MW	Saturday, October 28, 2017	5	4	1,005
Current St. John's Temperature:	6	°C	Sunday, October 29, 2017	6	4	1,065
Current St. John's Windchill:	N/A	°C	Monday, October 30, 2017	5	4	1,090
7-Day Island Peak Demand Forecast:	**1,090**	MW	Tuesday, October 31, 2017	7	9	1,010

Supply Notes For October 25, 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.

Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak

Tue, Oct 24, 2017	Actual Island Peak Demand[8]	07:45	1,110 MW
Wed, Oct 25, 2017	Forecast Island Peak Demand		1,000 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).