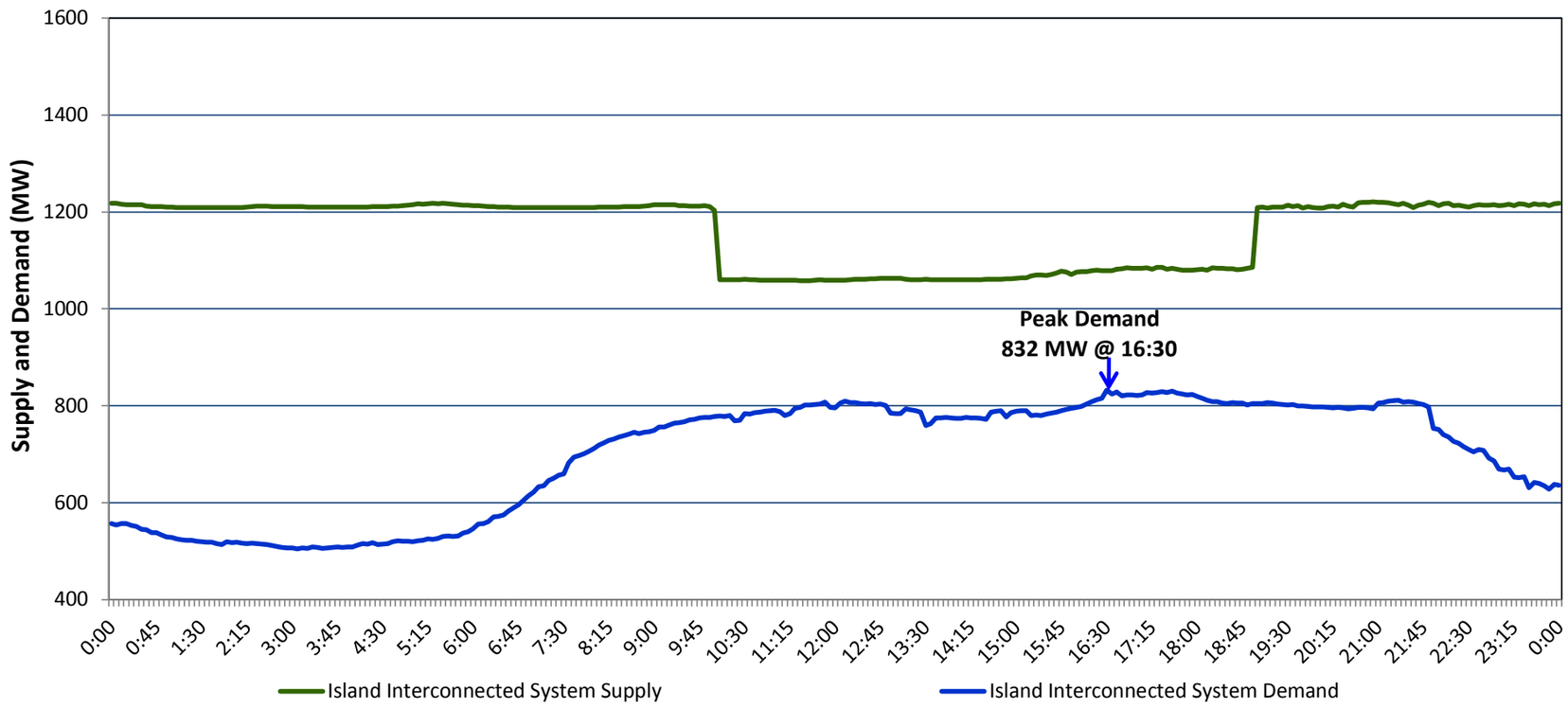
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, July 07, 2016

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, July 06, 2016



Supply Notes For July 06, 2016 [1,2]

A	As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
B	As of 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).
C	As of 1029 hours, April 15, 2016, Holyrood Unit 3 unavailable (150 MW).
D	As of 0822 hours, June 05, 2016, Bay d'Espoir Unit 3 unavailable (76.5 MW).
E	As of 0822 hours, June 05, 2016, Bay d'Espoir Unit 4 unavailable (76.5 MW).
F	As of 2008 hours, June 06, 2016, Stephenville Gas Turbine End B unavailable (25 MW).
G	As of 1411 hours, June 09, 2016, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 19 MW, End B 25 MW.
H	As of 1425 hours, June 16, 2016, Holyrood Unit 2 unavailable. Previously derated to 120 MW (170 MW).
I	As of 0833 hours, June 30, 2016, Bay d'Espoir Unit 7 unavailable (154.4 MW).
J	As of 1000 hours, June 30, 2016, Nalcor Exploits Grand Falls Unit 4 (30 MW) unavailable. Net impact to the Island Interconnected System is 7 MW.
K	At 0957 hours, July 06, 2016, Holyrood Unit 1 derated to 95 MW (170 MW). Previously derated to 120 MW.
L	At 1000 hours, July 06, 2016, Holyrood Combustion Turbine unavailable (123.5 MW).
M	At 1900 hours, July 06, 2016, Holyrood Combustion Turbine available (123.5 MW).

Section 2
Island Interconnected Supply and Demand

Thu, Jul 07, 2016 **Island System Outlook**[3]

Available Island System Supply:[5]	**1,245**	**MW**
NLH Generation:[4]	930	MW
NLH Power Purchases:[6]	115	MW
Other Island Generation:	200	MW
Current St. John's Temperature:	7	°C
Current St. John's Windchill:	N/A	°C
7-Day Island Peak Demand Forecast:	**880**	MW

Seven-Day Forecast	Temperature (°C) Morning	Evening	Island System Daily Peak Demand (MW) Forecast
Thursday, July 07, 2016	7	7	**880**
Friday, July 08, 2016	8	10	850
Saturday, July 09, 2016	10	10	760
Sunday, July 10, 2016	10	9	770
Monday, July 11, 2016	10	10	850
Tuesday, July 12, 2016	9	10	820
Wednesday, July 13, 2016	10	9	815

Supply Notes For July 07, 2016 [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

Wed, Jul 06, 2016	Actual Island Peak Demand[8]	16:30	832 MW
Thu, Jul 07, 2016	Forecast Island Peak Demand		880 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).