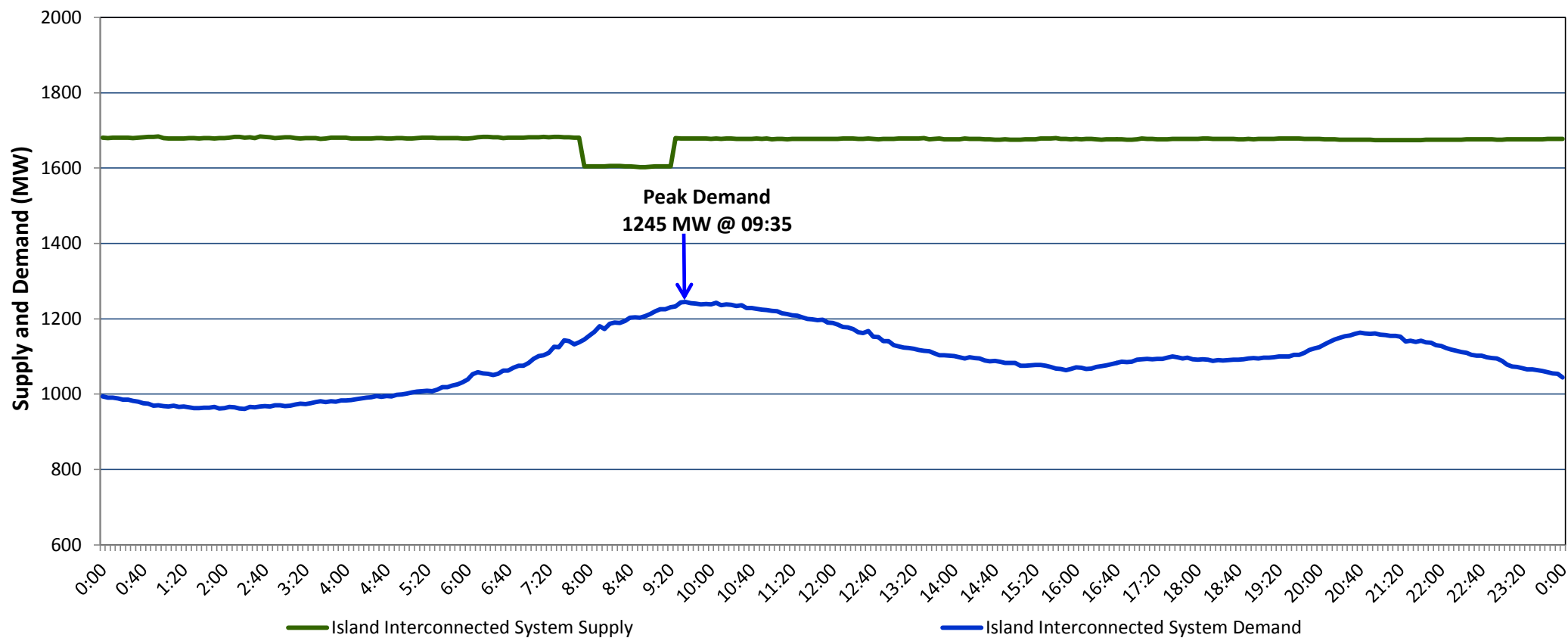


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, April 17, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, April 15, 2017



Supply Notes For April 15, 2017

- A As of 0829 hours, March 31, 2017, Holyrood Unit 1 available at 135 MW (170 MW).
B As of 0829 hours, March 31, 2017, Holyrood Unit 3 available at 135 MW (150 MW).
C As of 1526 hours, April 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
D As of 2151 hours, April 07, 2017, Holyrood Unit 2 unavailable due to planned outage 130 MW (170 MW).
E As of 1040 hours, April 09, 2017, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
F At 0751 hours, April 15, 2017, Hinds Lake Unit unavailable (75 MW).
G At 0922 hours, April 15, 2017, Hinds Lake Unit available (75 MW).

Section 2
Island Interconnected Supply and Demand

Sun, Apr 16, 2017			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	
Available Island System Supply: ⁵	1,670	MW	Sunday, April 16, 2017	0	4	1,260
NLH Generation: ⁴	1,370	MW	Monday, April 17, 2017	2	6	1,280
NLH Power Purchases: ⁶	85	MW	Tuesday, April 18, 2017	-4	-5	1,395
Other Island Generation:	215	MW	Wednesday, April 19, 2017	-3	-2	1,325
Current St. John's Temperature:	-2	°C	Thursday, April 20, 2017	-1	1	1,225
Current St. John's Windchill:	-7	°C	Friday, April 21, 2017	3	1	1,160
7-Day Island Peak Demand Forecast:	1,395	MW	Saturday, April 22, 2017	0	1	1,210

Supply Notes For April 16, 2017

- 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.

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

Sat, Apr 15, 2017	Actual Island Peak Demand ⁸	09:35	1,245 MW
Sun, Apr 16, 2017	Forecast Island Peak Demand		1,260 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).