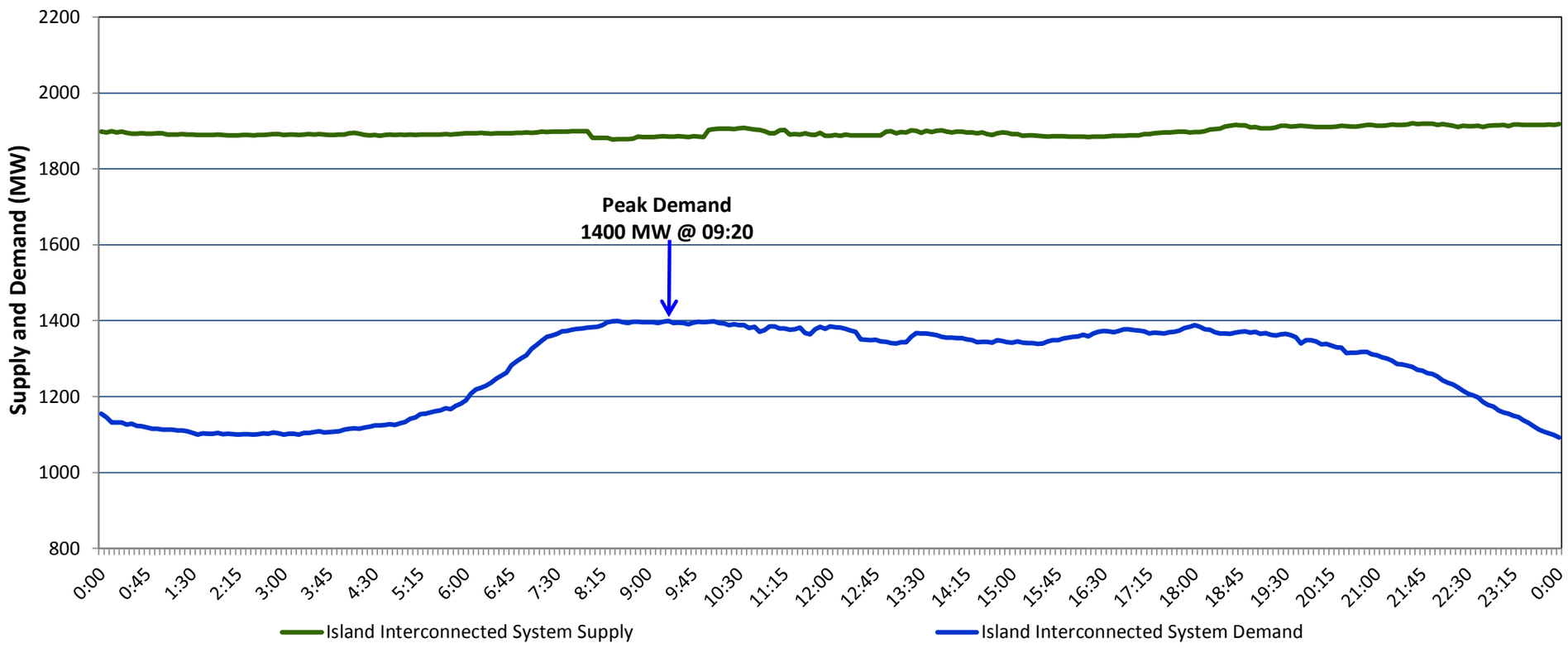
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, February 17, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, February 16, 2017



Supply Notes For February 16, 2017 [1,2]

A	As of 1425 hours, February 06, 2017, Hardwoods Gas Turbine unavailable (50 MW).
B	As of 1513 hours, February 09, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
C	As of 1800 hours, February 14, 2017, Holyrood Unit 1 available at 145 MW (170 MW).
D	As of 1700 hours, February 15, 2017, Holyrood Unit 2 available at 142 MW (170 MW).
E	At 0830 hours, February 16, 2017, St. Anthony Diesel Plant Unit 544 (G6) unavailable due to planned outage (2 MW).
F	At 0957 hours, February 16, 2017, St. Anthony Diesel Plant Unit 544 (G6) available (2 MW).
G	At 1100 hours, February 16, 2017, St. Anthony Diesel Plant Unit 523 (G2) unavailable due to planned outage (1 MW).
H	At 1511 hours, February 16, 2017, St. Anthony Diesel Plant Unit 523 (G2) available (1 MW).

Section 2
Island Interconnected Supply and Demand

Fri, Feb 17, 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]	**1,895**	**MW**	Friday, February 17, 2017	0	-2	**1,380**	**1,273**
NLH Generation:[4]	1,580	MW	Saturday, February 18, 2017	-2	-3	1,445	1,337
NLH Power Purchases:[6]	135	MW	Sunday, February 19, 2017	-1	0	1,315	1,209
Other Island Generation:	180	MW	Monday, February 20, 2017	-4	-6	1,475	1,367
Current St. John's Temperature:	0	°C	Tuesday, February 21, 2017	-6	-5	1,500	1,391
Current St. John's Windchill:	-5	°C	Wednesday, February 22, 2017	-3	-1	1,425	1,317
7-Day Island Peak Demand Forecast:	**1,500**	MW	Thursday, February 23, 2017	2	0	1,345	1,238

Supply Notes For February 17, 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, Praxair and Vale interruptible load as well as the impact of voltage reduction, when applicable.

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

Thu, Feb 16, 2017	Actual Island Peak Demand[8]	09:20	1,400 MW
Fri, Feb 17, 2017	Forecast Island Peak Demand		1,380 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).