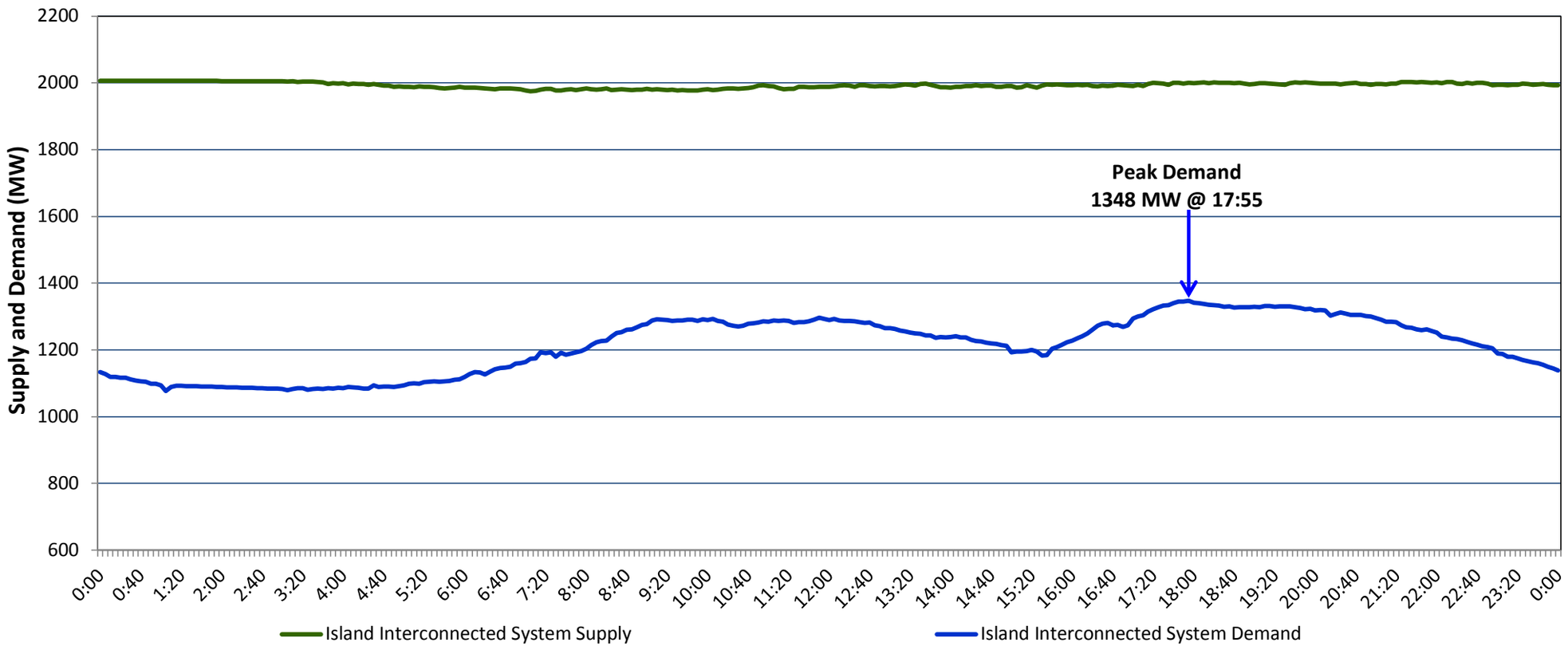
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, January 30, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, January 28, 2017



Supply Notes For January 28, 2017 [1,2]

A As of 1556 hours, January 20, 2017, Holyrood Unit 2 available at 150 MW (170 MW).

B As of 1047 hours, January 24, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).

C As of 2107 hours, January 27, 2017, Holyrood Unit 1 available at 160 MW (170 MW).

Section 2
Island Interconnected Supply and Demand

Sun, Jan 29, 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]	**2,000**	**MW**	Sunday, January 29, 2017	-2	-2	**1,385**	**1,278**
NLH Generation:[4]	1,640	MW	Monday, January 30, 2017	0	-1	1,430	1,322
NLH Power Purchases:[6]	150	MW	Tuesday, January 31, 2017	-4	-5	1,530	1,421
Other Island Generation:	210	MW	Wednesday, February 01, 2017	-7	-6	1,530	1,421
Current St. John's Temperature:	-2	°C	Thursday, February 02, 2017	-6	-6	1,535	1,426
Current St. John's Windchill:	-10	°C	Friday, February 03, 2017	-5	-5	1,505	1,396
7-Day Island Peak Demand Forecast:	**1,595**	MW	Saturday, February 04, 2017	-10	-9	1,595	1,485

Supply Notes For January 29, 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

Sat, Jan 28, 2017	Actual Island Peak Demand[8]	17:55	1,348	MW
Sun, Jan 29, 2017	Forecast Island Peak Demand		1,385	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).