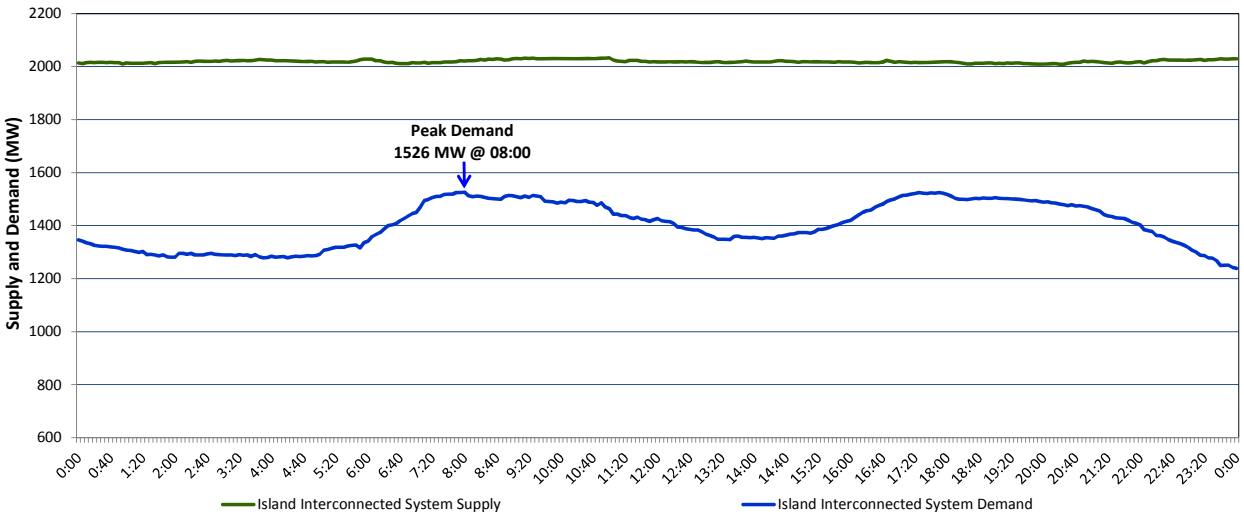
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, January 18, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, January 17, 2017



Supply Notes For January 17, 2017 [1,2]

A As of 1920 hours, December 29, 2016, Holyrood Unit 1 available at 160 MW (170 MW).

B As of 1321 hours, January 12, 2017, Stephenville Gas Turbine End A available at 19 MW (25 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Jan 18, 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]	**2,025**	**MW**	Wednesday, January 18, 2017	-4	-3	**1,525**	**1,422**
NLH Generation:[4]	1,670	MW	Thursday, January 19, 2017	-6	-6	1,535	1,432
NLH Power Purchases:[6]	150	MW	Friday, January 20, 2017	-4	-2	1,450	1,348
Other Island Generation:	205	MW	Saturday, January 21, 2017	-3	-4	1,530	1,427
Current St. John's Temperature:	-3	°C	Sunday, January 22, 2017	-5	-3	1,465	1,363
Current St. John's Windchill:	-11	°C	Monday, January 23, 2017	-4	-5	1,510	1,407
7-Day Island Peak Demand Forecast:	**1,550**	MW	Tuesday, January 24, 2017	-5	-7	1,550	1,447

Supply Notes For January 18, 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 and Praxair 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

Tue, Jan 17, 2017	Actual Island Peak Demand[8]	08:00	1,526 MW
Wed, Jan 18, 2017	Forecast Island Peak Demand		1,525 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).