

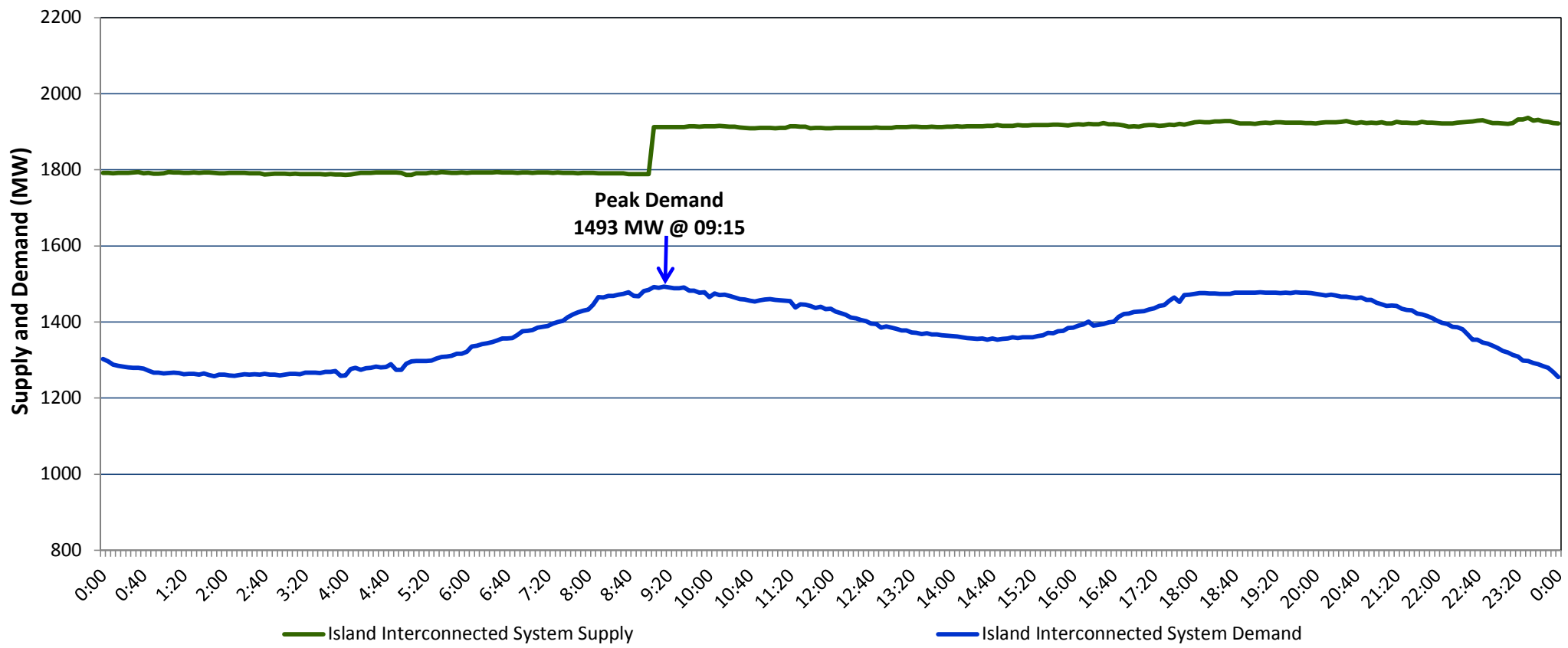
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, February 13, 2017

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Sunday, February 12, 2017



Supply Notes For February 12, 2017

- 1,2
- A
- As of 1556 hours, January 20, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
- B
- As of 1425 hours, February 06, 2017, Hardwoods Gas Turbine unavailable (50 MW).
- C
- As of 2006 hours, February 06, 2017, Holyrood Unit 1 available at 150 MW (170 MW).
- D
- As of 1513 hours, February 09, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
- E
- At 0903 hours, February 12, 2017, Holyrood Combustion Turbine available (123.5 MW).

Section 2

Island Interconnected Supply and Demand

Mon, Feb 13, 2017			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening		
Island System Outlook ³						Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,925	MW	Monday, February 13, 2017	-7	-3	1,620	1,510
NLH Generation: ⁴	1,590	MW	Tuesday, February 14, 2017	-2	-1	1,505	1,396
NLH Power Purchases: ⁶	145	MW	Wednesday, February 15, 2017	-1	0	1,460	1,352
Other Island Generation:	190	MW	Thursday, February 16, 2017	-1	-1	1,410	1,303
Current St. John's Temperature:	-9	°C	Friday, February 17, 2017	1	-2	1,345	1,238
Current St. John's Windchill:	-17	°C	Saturday, February 18, 2017	-2	-2	1,370	1,263
7-Day Island Peak Demand Forecast:	1,620	MW	Sunday, February 19, 2017	-3	-2	1,385	1,278

Supply Notes For February 13, 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

Sun, Feb 12, 2017	Actual Island Peak Demand ⁸	09:15	1,493 MW
Mon, Feb 13, 2017	Forecast Island Peak Demand		1,620 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).