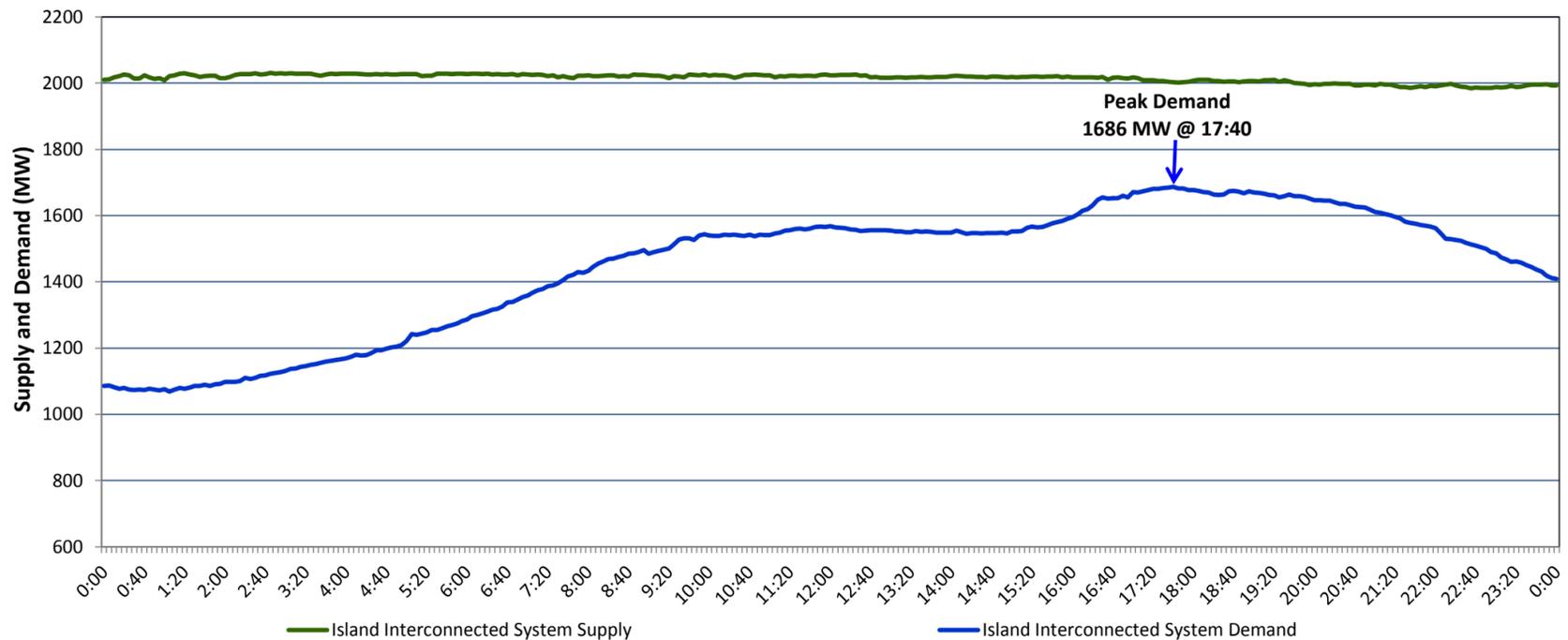


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, January 16, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Saturday, January 14, 2017**



Supply Notes For January 14, 2017

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- A As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- B As of 1719 hours, September 09, 2016, Nalcor Exploits Bishop's Falls plant unit 9 unavailable. No net impact to the Island Interconnected System.
- C As of 2132 hours, October 10, 2016, Nalcor Exploits Bishop's Falls plant unit 8 unavailable. No net impact to the Island Interconnected System.
- D As of 1920 hours, December 29, 2016, Holyrood Unit 1 available at 160 MW (170 MW).
- E As of 1321 hours, January 12, 2017, Stephenville Gas Turbine End A available at 19 MW (25 MW).
- F **Note: Nalcor Exploits is a Non-Utility Generator (NUG) and as such will be treated in a similar manner as other NUG's. As of January 15, 2016 it will no longer be detailed in the "Supply Notes" and lines A, B and C will be removed. It will continue to be represented in the NLH Power Purchases total as per note 6 below.**

**Section 2
Island Interconnected Supply and Demand**

Sun, Jan 15, 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	1,995 MW	Sunday, January 15, 2017	-11	-6	1,585	1,481
NLH Generation: ⁴	1,670 MW	Monday, January 16, 2017	-6	-11	1,670	1,566
NLH Power Purchases: ⁶	125 MW	Tuesday, January 17, 2017	-5	-7	1,615	1,511
Other Island Generation:	200 MW	Wednesday, January 18, 2017	-5	-4	1,545	1,442
Current St. John's Temperature:	-10 °C	Thursday, January 19, 2017	-6	-2	1,460	1,358
Current St. John's Windchill:	-16 °C	Friday, January 20, 2017	-2	0	1,470	1,368
7-Day Island Peak Demand Forecast:	1,670 MW	Saturday, January 21, 2017	4	2	1,315	1,215

Supply Notes For January 15, 2017

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- 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**

Sat, Jan 14, 2017	Actual Island Peak Demand ⁸	17:40	1,686 MW
Sun, Jan 15, 2017	Forecast Island Peak Demand		1,585 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).