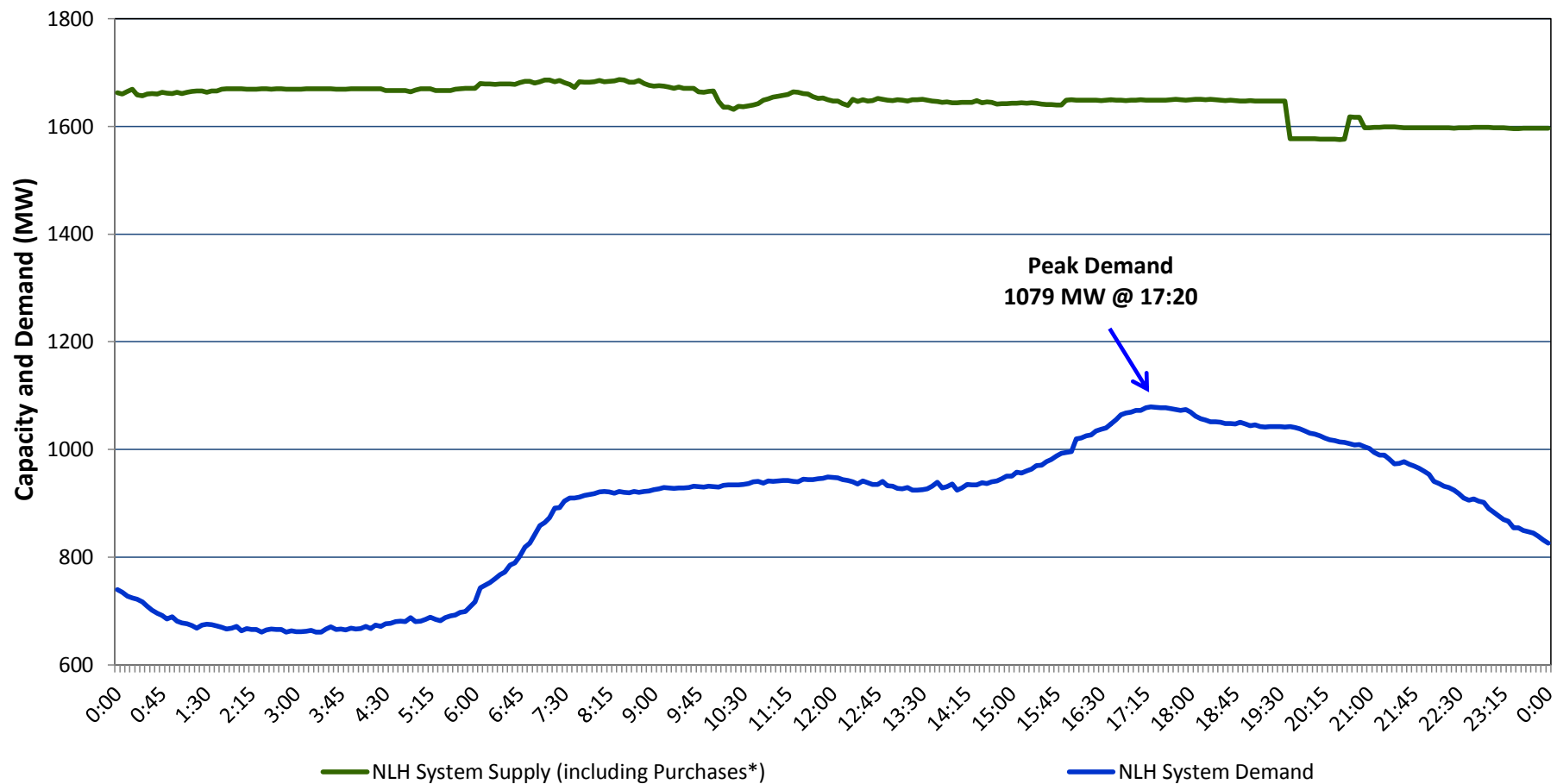


Newfoundland and Labrador Hydro

NLH System Supply and Demand

January 17, 2014



* Purchases include Nalcor Exploits and Star Lake, Rattle Brook, CBPP Co-Gen, Wind Generation, and CBPP Curtailable Load (60 MW)

Previous Day's NLH System Supply Notes^{1,2}:

- Holyrood Unit 3 was derated to 75 MW at 1938 hours due to a failure of a boiler feed pump.
- Granite Canal Unit tested to 21 MW at 2037 hours. Unit derated to 21 MW. Investigation work is ongoing.

18-Jan-2014 NLH System Outlook ³			Five-Day Forecast		Temperature (°C)		NLH System Demand (MW)	
					Morning	Evening	Morning	Evening
Available NLH System Supply: ⁴	1,585	MW	Saturday, January 18, 2014		0	0	1060	1125
Current St. John's Temperature:	0	°C	Sunday, January 19, 2014		3	-2	1140	1230
Current St. John's Windchill:	-4	°C	Monday, January 20, 2014		0	0	1125	1210
NLH System Peak Demand Forecast:	1,125	MW	Tuesday, January 21, 2014		-1	1	1250	1330
			Wednesday, January 22, 2014		-3	-1	1325	1425

- 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 underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency 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 hydraulic output due to water levels (35 MW). Includes CBPP Curtailable Load (60 MW). Excludes wind generation.

18-Jan-2014 Island Demand¹

Island Peak Demand Forecast:	1,250	MW	Previous Day's Island Peak Demand:	1,286	MW @	17:20
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- Note:
1. The Island supply includes generation owned by NLH, purchased by NLH and generation owned by Newfoundland Power (NP) and Corner Brook Pulp and Paper (CBPP) to supply their needs. The total power produced and purchased by NLH is referred to as the NLH System Supply.