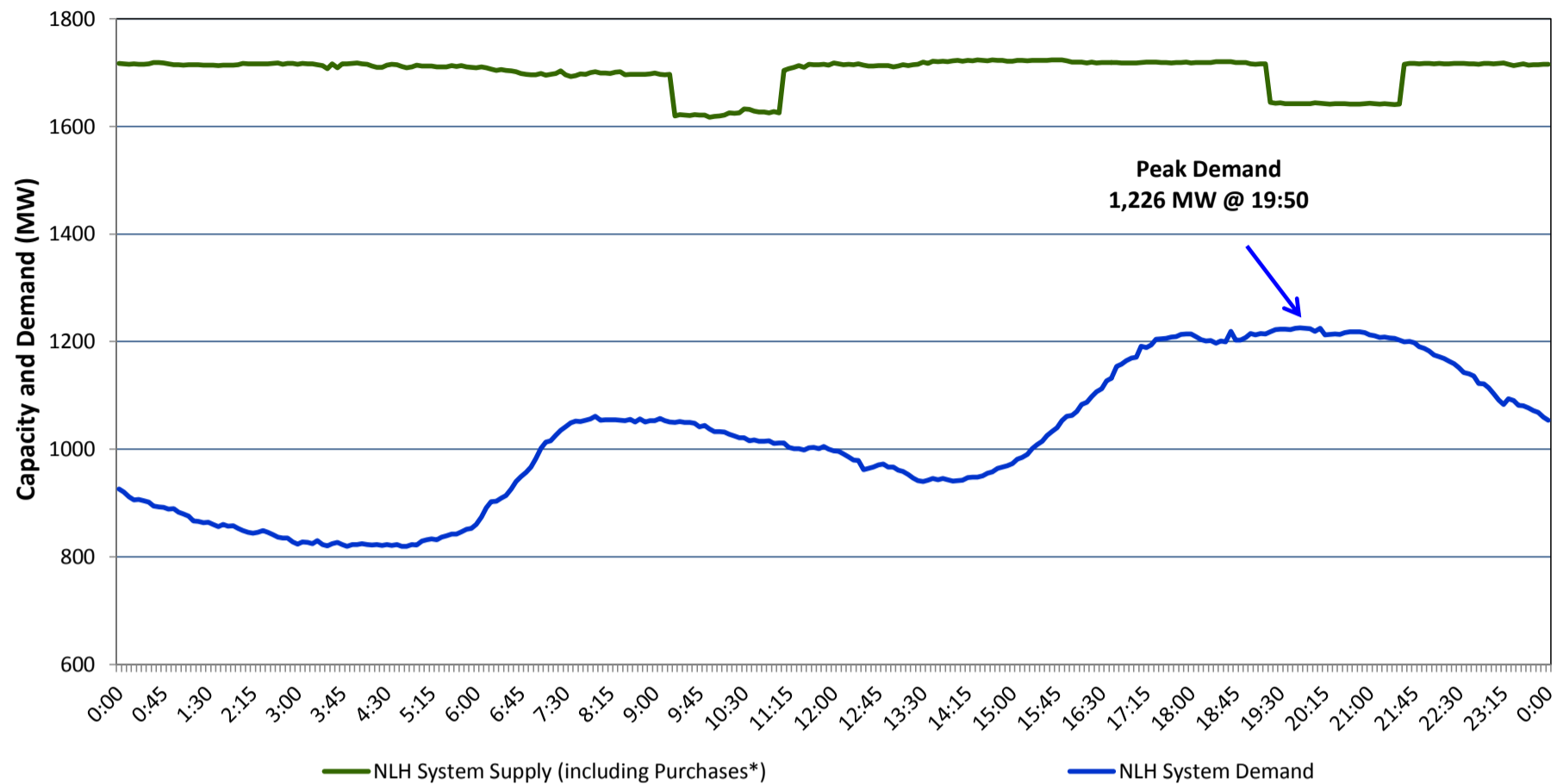


**Newfoundland and Labrador Hydro
NLH System Supply and Demand
January 28, 2014**



* 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}:

- Ongoing derating for the Stephenville Gas Turbine (to 25 MW).
- Holyrood Unit 1 returned to normal loading.
- Hinds Lake Unit was removed from service for a planned outage at 0816 hours and returned to service at 1108 hours. The Unit was removed from service for another planned outage at 1920 hours and returned to service at 2131 hours.

29-Jan-2014	NLH System Outlook ³	Five-Day Forecast	Temperature (°C)		NLH System Demand (MW)	
			Morning	Evening	Morning	Evening
Available NLH System Supply: ⁴	1,685 MW	Wednesday, January 29, 2014	-10	-7	1,375	1,325
Current St. John's Temperature:	-10 °C	Thursday, January 30, 2014	-7	-9	1,275	1,325
Current St. John's Windchill:	-15 °C	Friday, January 31, 2014	-10	-3	1,325	1,225
NLH System Peak Demand Forecast:	1,375 MW	Saturday, February 01, 2014	-5	-5	1,175	1,250
		Sunday, February 02, 2014	-3	1	1,175	1,150

- 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.

29-Jan-2014 Island Demand¹

Island Peak Demand Forecast: 1,550 MW Previous Day's Island Peak Demand: 1,427 MW @ 19:45

- 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.