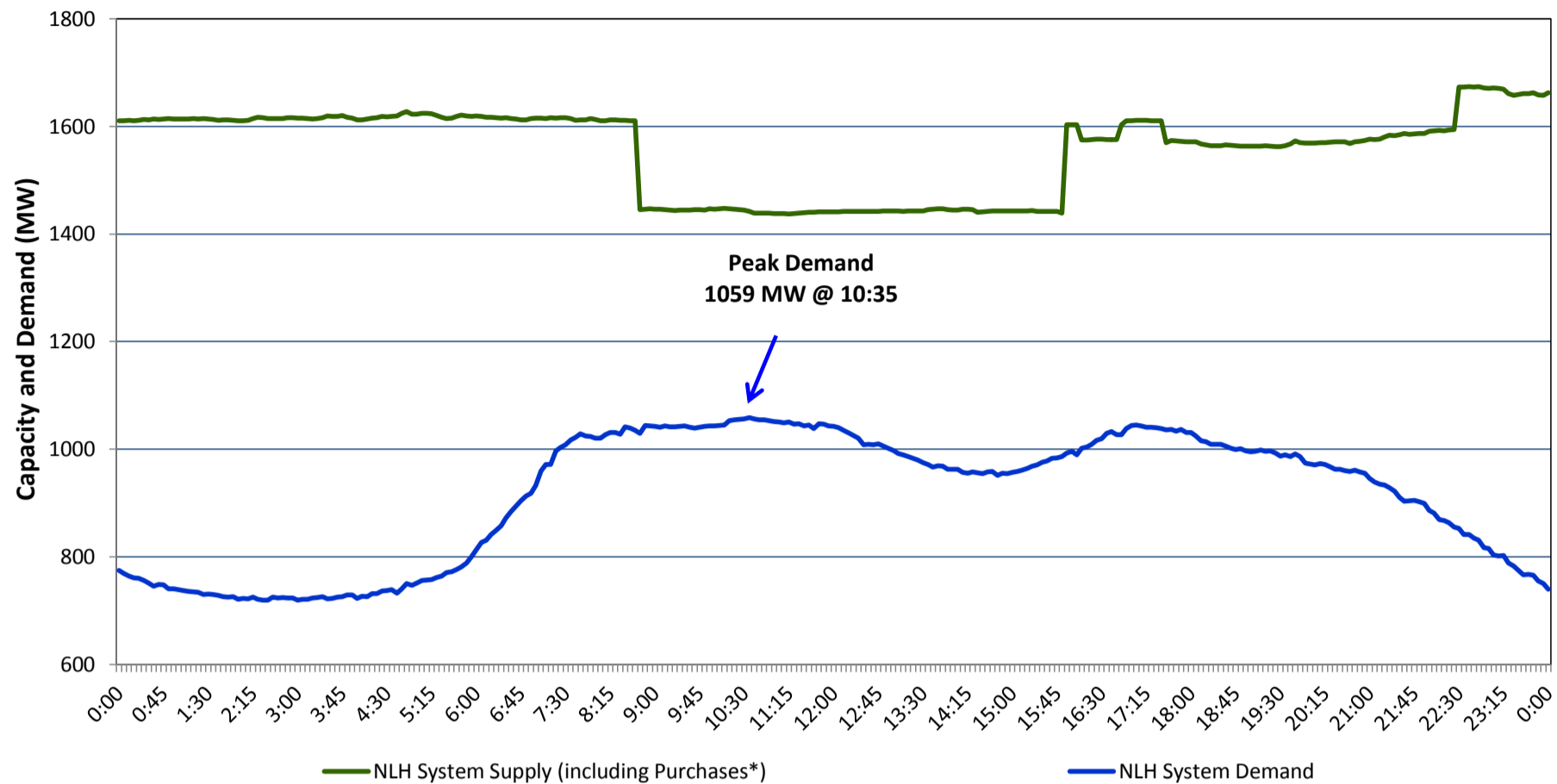


**Newfoundland and Labrador Hydro
NLH System Supply and Demand
January 16, 2014**



* 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 2 removed from service for maintenance at 0843 hours. Unit 2 returned to service at 1551 hours.
- Granite Canal Unit tripped offline at 1734 hours while generating 40 MW. An investigation is required prior to returning the unit to service.
- Bay d'Espoir Unit 5 available for service at 2225 hours.

17-Jan-2014	NLH System Outlook ³	Five-Day Forecast	Temperature (°C)		NLH System Demand (MW)	
			Morning	Evening	Morning	Evening
Available NLH System Supply: ⁴	1,635 MW	Friday, January 17, 2014	9	0	1050	1150
Current St. John's Temperature:	11 °C	Saturday, January 18, 2014	0	0	1100	1125
Current St. John's Windchill:	N/A °C	Sunday, January 19, 2014	-1	-3	1200	1300
NLH System Peak Demand Forecast:	1,150 MW	Monday, January 20, 2014	-1	-2	1150	1260
		Tuesday, January 21, 2014	-3	1	1275	1325

- 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.

17-Jan-2014 Island Demand¹

Island Peak Demand Forecast: 1,325 MW Previous Day's Island Peak Demand: 1,247 MW @ 10:20

- 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.