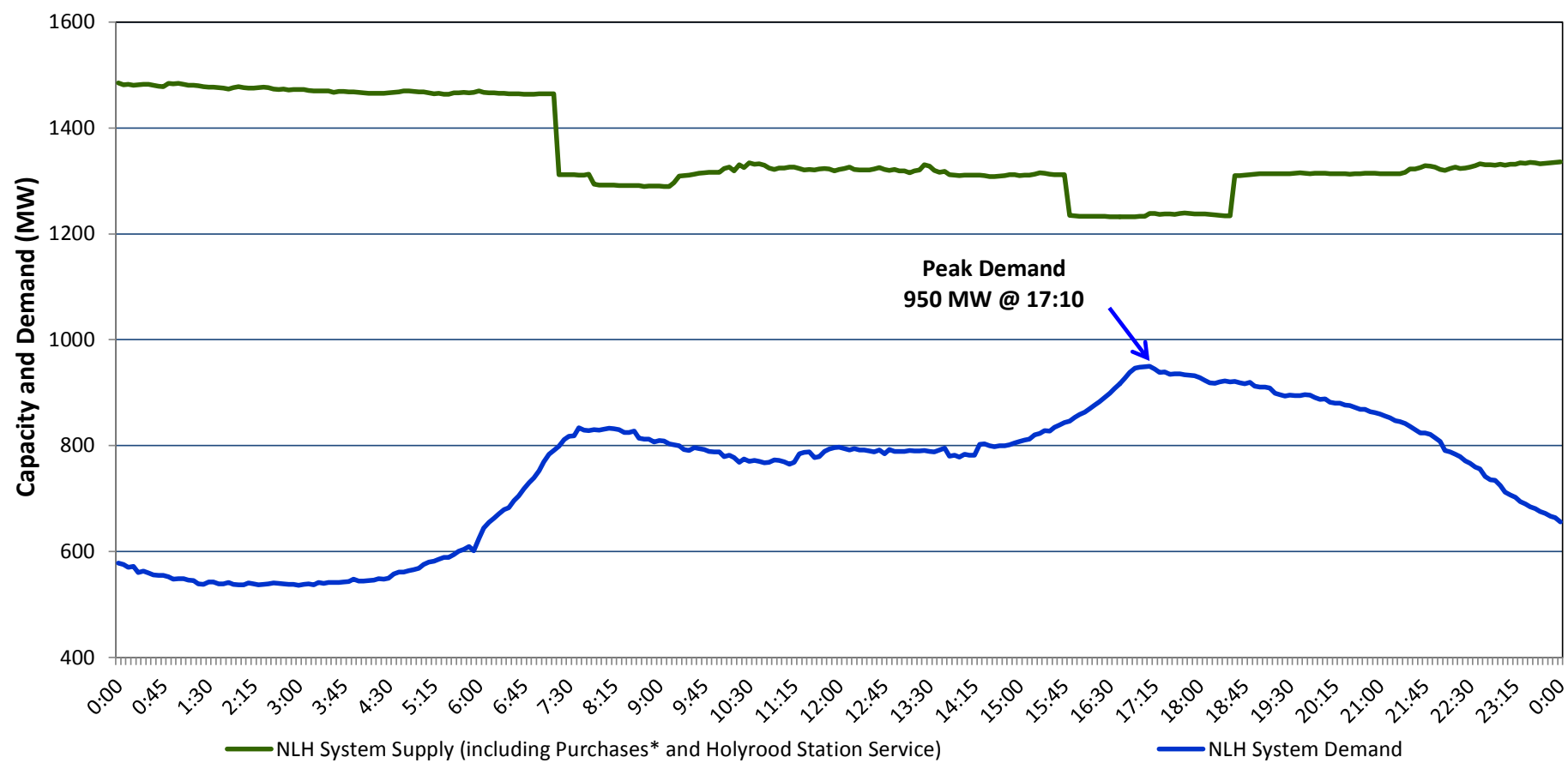


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed November 05, 2014**

**Section 1  
NLH System Island Interconnected Supply and Demand  
Actual 24 Hour System Performance For November 04, 2014**



\* Purchases include Nalcor Exploits, Star Lake, Rattle Brook, CBPP Co-Gen, Wind Generation and DLP Secondary

**Supply Notes for November 04, 2014**

- As of 0858 hours, June 13, 2014, Stephenville Gas Turbine End A removed from service for annual maintenance (25 MW).
- As of 1100 hours, July 21, 2014, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- As of 0826 hours, October 04, 2014, Stephenville Gas Turbine End B removed from service. Previously derated to 18 MW (25 MW).
- At 0715 hours, November 04, 2014, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
- At 0715 hours, November 04, 2014, Bay d'Espoir Unit 6 removed from service for maintenance (76.5 MW).
- At 1546 hours, November 04, 2014, Bay d'Espoir Unit 1 unavailable for service due to a forced outage. At 1819 hours, unit available for service (76.5 MW).

**Section 2  
NLH System Island Interconnected Supply and Demand**

November 5, 2014	NLH System Outlook <sup>3</sup>	Five-Day Forecast	Temperature (°C)		NLH System Demand (MW)	
			Morning	Evening	Morning	Evening
Available NLH System Supply: <sup>4</sup>	1,310 MW	Wednesday, November 05, 2014	4	3	925	1,025
Current St. John's Temperature:	1 °C	Thursday, November 06, 2014	11	7	875	975
Current St. John's Windchill:	N/A °C	Friday, November 07, 2014	5	7	900	900
NLH System Peak Demand Forecast:	1,025 MW	Saturday, November 08, 2014	14	6	775	925
		Sunday, November 09, 2014	6	6	875	925

**Supply Notes for November 05, 2014<sup>3</sup>**

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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 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 Nalcor Exploits, Star Lake, Rattle Brook, CBPP Co-Gen. Excludes wind generation and DLP Secondary.

**Section 3  
Peak Demand Information  
Previous Day Actual Peak and Current Day Forecast Peak**

November 4, 2014	Actual NLH System Island Interconnected Peak Demand <sup>1</sup>	17:10	950 MW
November 5, 2014	Forecast NLH System Island Interconnected Peak Demand		1,025 MW
November 4, 2014	Actual Total Island Peak Demand <sup>2</sup>	17:50	1,078 MW
November 5, 2014	Forecast Total Island Peak Demand		1,175 MW

- Notes:
1. NLH System Island Interconnected is supplied by generation owned by NLH as well as NLH Power Purchases as detailed in Section 1 above.
  2. Total Island System Demand is supplied by NLH generation and NLH Power Purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper to meet their respective supply needs.