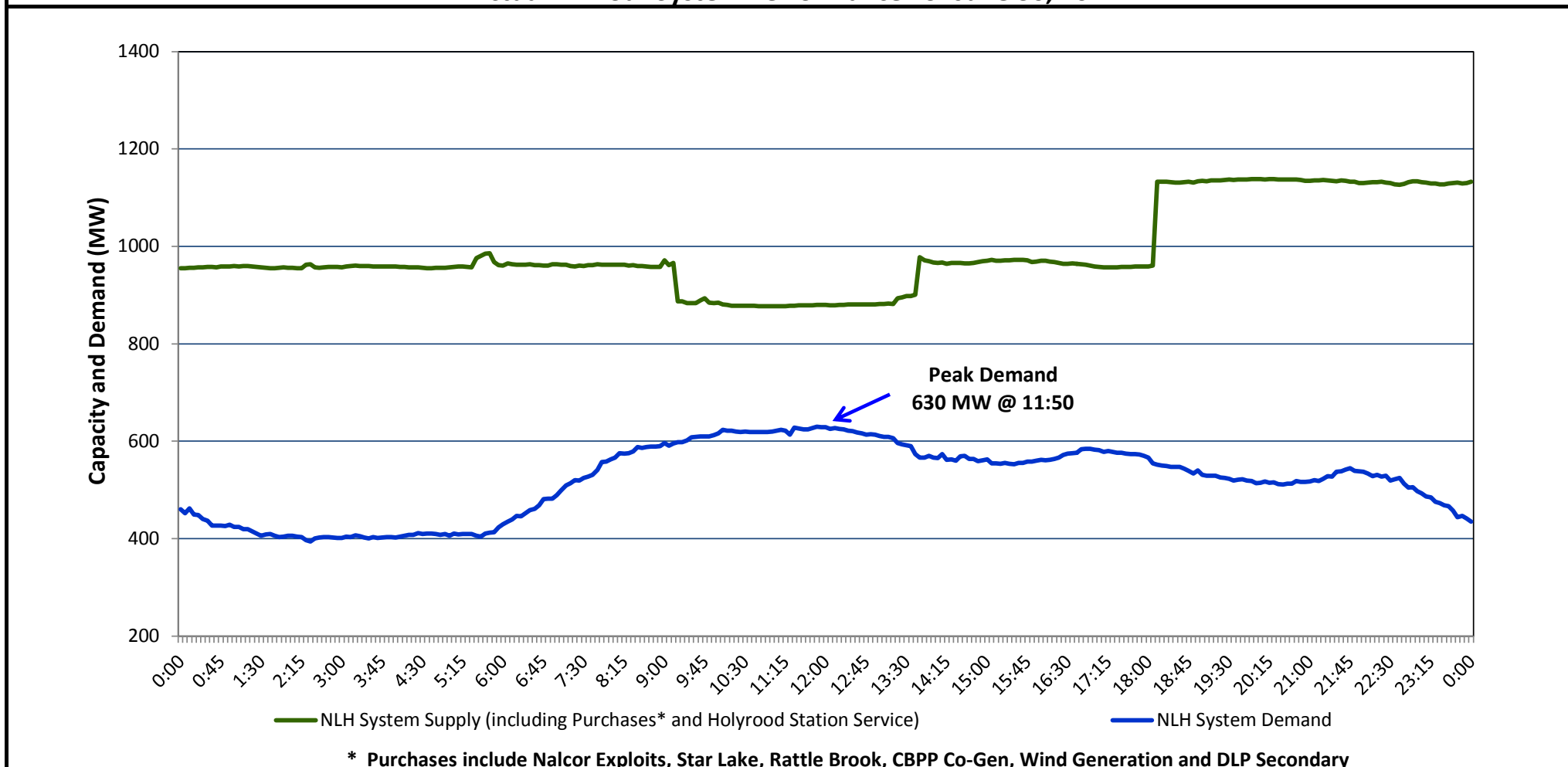


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed July 02, 2014**

**Section 1  
NLH System Island Interconnected Supply and Demand  
Actual 24 Hour System Performance For June 30, 2014**



**Supply Notes for June 30, 2014**

- As of 0422 hours, Feb. 17, 2014, Bay d'Espoir Unit 6 (77 MW) unavailable for service.
- As of 1717 hours, April 10, 2014, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- As of 0800 hours, May 21, 2014, Holyrood Unit 2 removed from service for annual maintenance (165 MW).
- As of 1554 hours, May 24, 2014, Bay d'Espoir Unit 3 removed from service for annual maintenance (76.5 MW).
- As of 0858 hours, June 13, 2014, Stephenville Gas Turbine End A removed from service for annual maintenance (25 MW).
- As of 0810 hours, June 23, 2014, Star Lake Unit removed from service for annual maintenance (18 MW).
- As of 1741 hours, June 25, 2014, Holyrood Unit 1 removed from service on a forced outage for maintenance (130 MW from 170 MW).
- At 0911 hours, June 30, 2014, Bay d'Espoir Unit 4 removed from service for maintenance. Unit returned to service at 1529 hours (76.5 MW).
- At 1800 hours, June 30, 2014, Holyrood Unit 1 returned to service (170 MW).

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

July 1, 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>	1,120 MW	Tuesday, July 01, 2014	16	21	600	600
Current St. John's Temperature:	17 °C	Wednesday, July 02, 2014	18	22	600	625
Current St. John's Windchill:	N/A °C	Thursday, July 03, 2014	17	23	625	650
NLH System Peak Demand Forecast:	600 MW	Friday, July 04, 2014	16	21	625	575
		Saturday, July 05, 2014	16	20	575	525

**Supply Notes for July 01, 2014<sup>3</sup>**

- 
- 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**

June 30, 2014	Actual NLH System Island Interconnected Peak Demand <sup>1</sup>	11:50	630 MW
July 1, 2014	Forecast NLH System Island Interconnected Peak Demand		600 MW
June 30, 2014	Actual Total Island Peak Demand <sup>2</sup>	12:20	779 MW
July 1, 2014	Forecast Total Island Peak Demand		750 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.