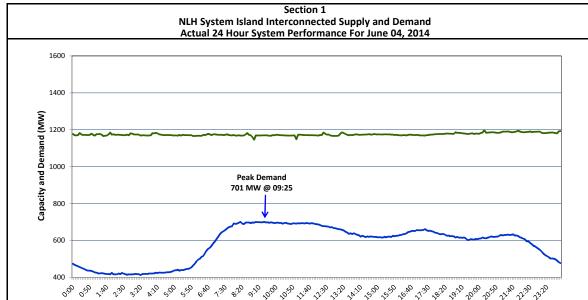
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed June 05, 2014



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

## Supply Notes for June 04, 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).

NLH System Supply (including Purchases\* and Holyrood Station Service)

→ As of 1554 hours, May 24, 2014, Bay d'Espoir Unit 3 removed from service for annual maintenance (76.5 MW).

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Section 2 NLH System Island Interconnected Supply and Demand								
June 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:4	1,165	MW	Thursday, June 05, 2014	11	12	700	650	
Current St. John's Temperature:	12	°C	Friday, June 06, 2014	11	16	675	600	
Current St. John's Windchill:	N/A	°C	Saturday, June 07, 2014	12	10	725	700	
NLH System Peak Demand Forecast:	700	MW	Sunday, June 08, 2014	7	6	775	700	
			Monday, June 09, 2014	6	6	775	750	

## Supply Notes for June 05, 2014<sup>3</sup>

→ Notes:

- 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.
- 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.
- 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 4, 2014	Actual NLH System Island Interconnected Peak Demand <sup>1</sup>	09:25	701 MW				
June 5, 2014	Forecast NLH System Island Interconnected Peak Demand		700 MW				
June 4, 2014	Actual Total Island Peak Demand <sup>2</sup>	08:30	835 MW				
June 5, 2014	Forecast Total Island Peak Demand		825 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.