

Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed June 30, 2014

- → 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). \rightarrow
- → 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).

June 28, 2014 NLH System Outlook ³			Five-Day Forecast	Temperature (°C)		NLH System Demand (MW)	
				Morning	Evening	Morning	Evening
Available NLH System Supply: ⁴	960	MW	Saturday, June 28, 2014	9	11	600	525
Current St. John's Temperature:	7	°C	Sunday, June 29, 2014	9	10	600	550
Current St. John's Windchill:	N/A	°C	Monday, June 30, 2014	10	17	625	575
NLH System Peak Demand Forecast:	600	MW	Tuesday, July 01, 2014	16	23	575	600
			Wednesday, July 02, 2014	14	21	600	600

- 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.
 - As of 0800 Hours. 3.
 - 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, 4. 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						
une 28, 2014	Forecast NLH System Island Interconnected Peak Demand		600 MW			
une 27, 2014	Actual Total Island Peak Demand ²	12:15	856 MW			
une 28, 2014	Forecast Total Island Peak Demand		775 MW			