

Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed April 28, 2014

- → As of 1055 hours, April 14, 2014, Bay d'Espoir Unit 2 removed from service for annual maintenance (77 MW).
- → As of 1030 hours, April 24, 2014, Holyrood Unit 1 derated to 162 MW (from 170 MW).
- → As of 1140 hours, April 24, 2014, Holyrood Unit 2 derated to 156 MW (from 165 MW).

Evening
850
900
950
950
950
0

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					
April 26, 2014	Forecast NLH System Island Interconnected Peak Demand		925	MW	
April 25, 2014	Actual Total Island Peak Demand ²	09:35	1,259	MW	
April 26, 2014	Forecast Total Island Peak Demand		1,125	MW	