

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

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

|→

| May 28, 2014 NLH System Outlook ³ | | | Five-Day Forecast | Temperature (°C) | | NLH System Demand (MW) | |
|--|-------|----|-------------------------|---------------------|---------|---------------------------|---------|
| - | | | | Morning | Evening | Morning | Evening |
| Available NLH System Supply: ⁴ | 1,100 | MW | Wednesday, May 28, 2014 | 3 | 2 | 950 | 950 |
| Current St. John's Temperature: | 3 | °C | Thursday, May 29, 2014 | 1 | 5 | 925 | 775 |
| Current St. John's Windchill: | N/A | °C | Friday, May 30, 2014 | 2 | 8 | 800 | 700 |
| NLH System Peak Demand Forecast: | 950 | MW | Saturday, May 31, 2014 | 5 | 10 | 725 | 700 |
| | | | Sunday, June 01, 2014 | 5 | 5 | 775 | 725 |
| Supply Notes for May 28, 2014 ³ | | | Sunday, June 01, 2014 | 5 | 5 | //5 | 72: |

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 | | | | | | | |
| May 27, 2014 | Actual NLH System Island Interconnected Peak Demand ¹ | 16:45 | 948 | MW | | | |
| May 28, 2014 | Forecast NLH System Island Interconnected Peak Demand | | 950 | MW | | | |
| May 27, 2014 | Actual Total Island Peak Demand ² | 21:05 | 1,095 | MW | | | |
| May 28, 2014 | Forecast Total Island Peak Demand | | 1,125 | MW | | | |