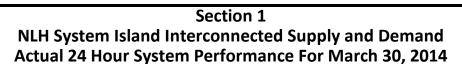
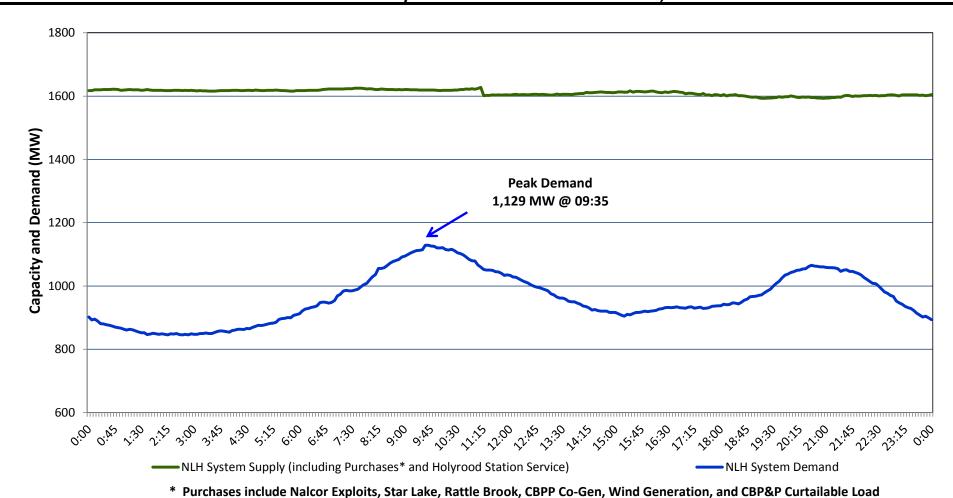
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed March 31, 2014





Supply Notes for March 30, 2014

- As of 0422 hours, Feb. 17, 2014, Bay d'Espoir Unit 6 (77 MW) unavailable for service.
- As of 0627 hours, March 17, 2014, Holyrood Unit 1 derated to 150 MW from 170 MW.
- → As of 1110 hours, Exploits Generation Unit 4 unavailable due to a planned outage (25 MW).

Section 2 NLH System Island Interconnected Supply and Demand Temperature **NLH System Demand** March 31, 2014 NLH System Outlook³ (°C) Five-Day Forecast (MW) Evening Morning Evening Morning Available NLH System Supply:4 1,250 1,590 MW Monday, March 31, 2014 1,200 $^{\circ}$ C -3 -1 Tuesday, April 01, 2014 1,200 1,150 Current St. John's Temperature: -6 °C -1 Current St. John's Windchill: -12 Wednesday, April 02, 2014 0 1,125 1,100 Thursday, April 03, 2014 NLH System Peak Demand Forecast: 1,250 MW -4 -1 1,200 1,100 Friday, April 04, 2014 -2 1,200 1,050

Supply Notes for March 31, 2014³

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, and CBPP Curtailable Load (60 MW). Excludes wind generation.

| Section 3 Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak | | | |
|--|--|-------|----------|
| March 30, 2014 | Actual NLH System Island Interconnected Peak Demand ¹ | 09:35 | 1,129 MW |
| March 31, 2014 | Forecast NLH System Island Interconnected Peak Demand | | 1,250 MW |
| March 30, 2014 | Actual Total Island Peak Demand ² | 09:55 | 1,280 MW |
| March 31, 2014 | Forecast Total Island Peak Demand | | 1,400 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.