

Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed June 12, 2014 (Revised - June 16, 2014)

- → 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 1640 hours, June 06, 2014, Hardwoods Gas Turbine End B unavailable for service (25 MW). →
- As of 1755 hours, June 11, 2014, Upper Salmon Unit returned to service (84 MW).

June 12, 2014 NLH System Outlook ³			Five-Day Forecast	Temperature (°C)		NLH System Demand (MW)	
				Morning	Evening	Morning	Evening
Available NLH System Supply: ⁴	1,165	MW	Thursday, June 12, 2014	4	6	775	800
Current St. John's Temperature:	4	°C	Friday, June 13, 2014	4	9	775	675
Current St. John's Windchill:	N/A	°C	Saturday, June 14, 2014	11	16	625	600
NLH System Peak Demand Forecast:	800	MW	Sunday, June 15, 2014	8	8	675	675
			Monday, June 16, 2014	6	7	775	725

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.

st Peak 17:10	795 MW 800 MW
17:10	
	800 MW
17:40	947 MW
	950 MW
s as detailed in Section 1 abov	Ve.
ied and operated by Newroun	
	s as detailed in Section 1 abo ed and operated by Newfour