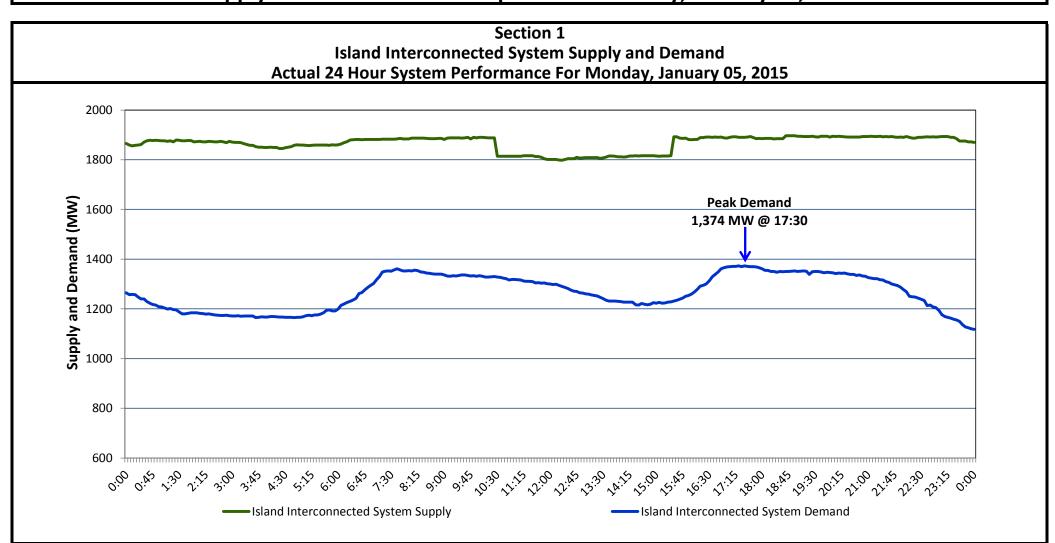
Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, January 06, 2015



Supply Notes for January 05, 2015^{1,2}

- As of 1000 hours, November 21, 2014, Nalcor Exploits Unit 4 unavailable due to a forced outage (30 MW). Net impact to system 4 MW (the excess water utilised by other Nalcor Grand Falls Units 5 to 8).
- B As of 1315 hours, December 15, 2014, the Stephenville Gas Turbine End 'B' unavailable (25 MW).
- As of 2012 hours, January 01, 2015, Nalcor Grand Falls plant derated due to icing conditions (23 MW).
- At 1030 hours, January 05, 2015, Bay D'Espoir Unit 2 unavailable due to a maintenance outage (76.5 MW).
- At 1530 hours, January 05, 2015, Bay D'Espoir Unit 2 returned to service (76.5 MW).

Section 2 Island Interconnected Supply and Demand									
Tue, Jan 06, 2015 Island System Outlook ³		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)			
				Morning	Evening	Forecast	Adjusted ⁶		
Available Island System Supply:5	1,900	MW	Tuesday, January 06, 2015	-4	-8	1,525	1,425		
NLH Generation: ⁴	1,545	MW	Wednesday, January 07, 2015	-9	-6	1,525	1,425		
NLH Power Purchases:	135	MW	Thursday, January 08, 2015	-5	-8	1,550	1,450		
Other Island Generation:	220	MW	Friday, January 09, 2015	-11	-4	1,550	1,450		
Current St. John's Temperature:	-6	°C	Saturday, January 10, 2015	4	-5	1,500	1,400		
Current St. John's Windchill:	-17	°C	Sunday, January 11, 2015	-11	-9	1,575	1,475		
7-Day Island Peak Demand Forecast:	1,575	MW	Monday, January 12, 2015	-7	-4	1,475	1,380		

Supply Notes for January 06, 2015³

- otes: 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 NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - 6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak							
Mon, Jan 05, 2015	Actual Island Peak Demand ⁷	17:30	1,374 MW				
Tue, Jan 06, 2015	Forecast Island Peak Demand		1,525 MW				

Notes: 7. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).