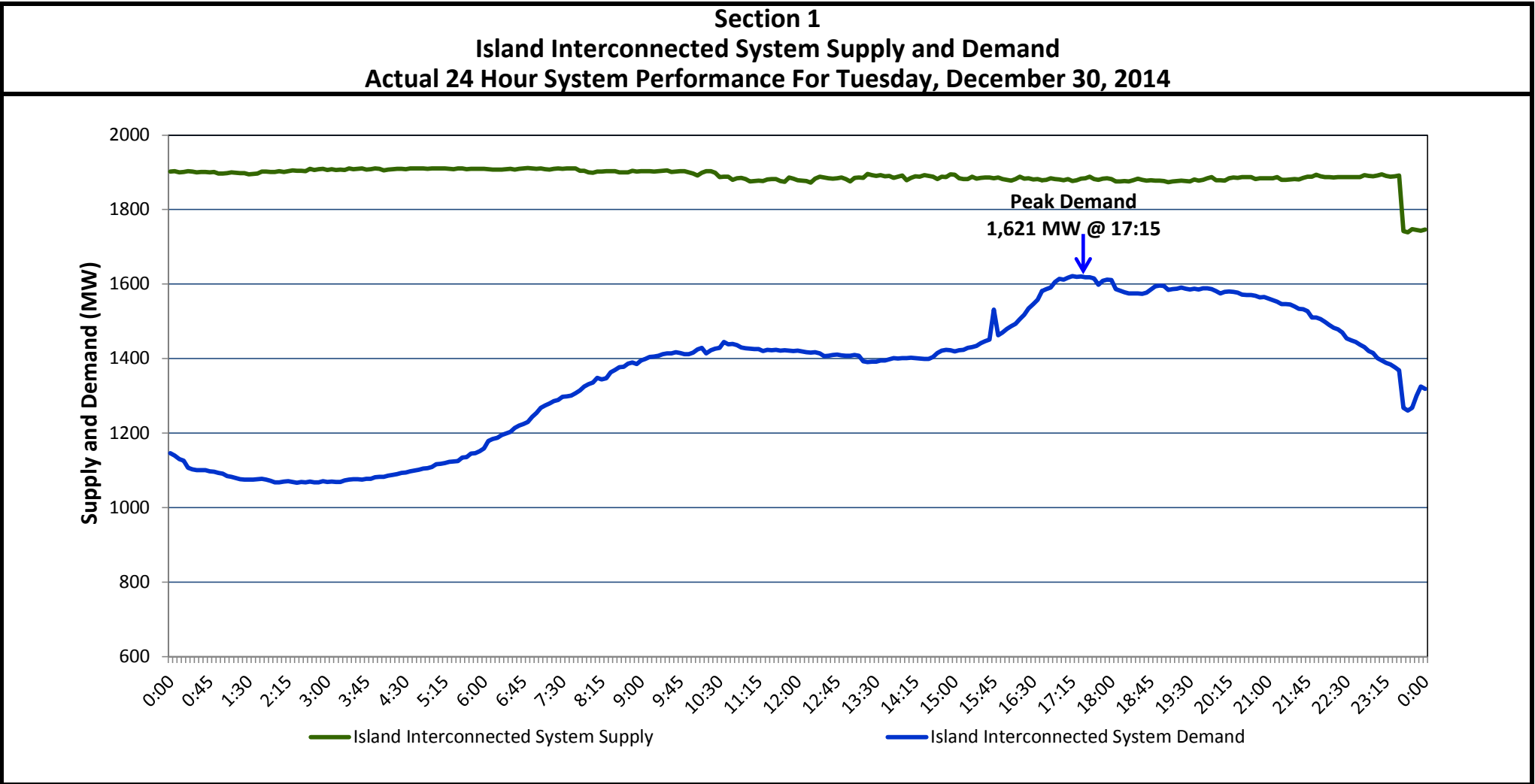


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, December 31, 2014



Supply Notes for December 30, 2014^{1,2}

A 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).

C At 2334 hours, December 30, 2014, Holyrood Unit 3 tripped. Unit unavailable due to forced outage (150 MW).

Section 2 Island Interconnected Supply and Demand							
Wed, Dec 31, 2014 Island System Outlook ³			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted ^b
Available Island System Supply: ⁵	1,850	MW	Wednesday, December 31, 2014	-11	-10	1,600	1,500
NLH Generation: ⁴	1,545	MW	Thursday, January 01, 2015	-12	-6	1,500	1,400
NLH Power Purchases:	105	MW	Friday, January 02, 2015	-2	-3	1,475	1,380
Other Island Generation:	200	MW	Saturday, January 03, 2015	-6	-10	1,600	1,500
Current St. John's Temperature:	-11	°C	Sunday, January 04, 2015	-12	-8	1,525	1,425
Current St. John's Windchill:	-21	°C	Monday, January 05, 2015	-1	1	1,450	1,355
7-Day Island Peak Demand Forecast:	1,600	MW	Tuesday, January 06, 2015	-4	-4	1,450	1,355

Supply Notes for December 31, 2014³

D At 0255 hours, December 31, 2014, Holyrood Unit 3 return to service (150 MW).

E At 0405 hours, December 31, 2014, Nalcor Bishop's Falls plant unavailable due to icing conditions (18 MW).

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 NLH hydraulic output due to water levels (35 MW).
5. 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			
Tue, Dec 30, 2014	Actual Island Peak Demand ⁷	17:15	1,621 MW
Wed, Dec 31, 2014	Forecast Island Peak Demand		1,600 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).			