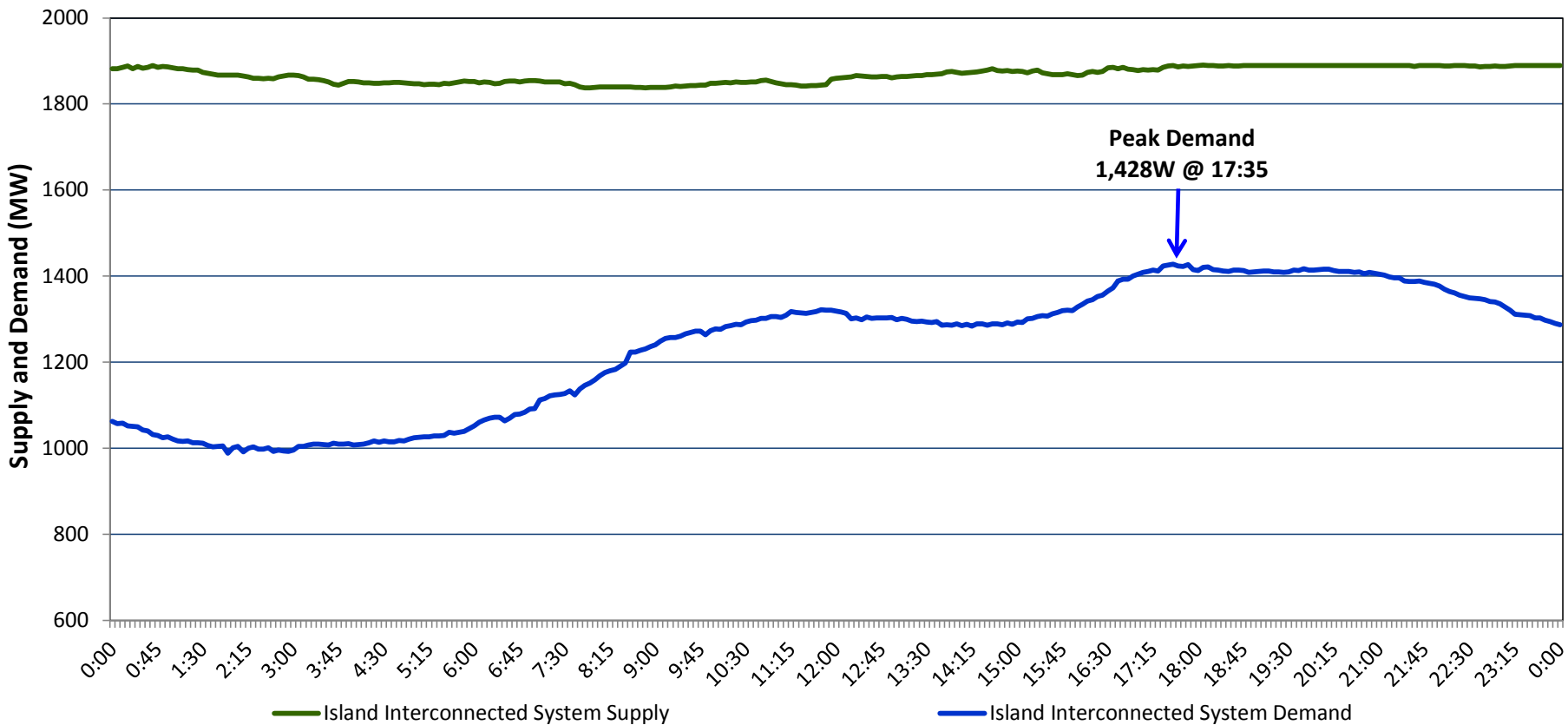


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, January 19, 2015

Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Saturday, January 17, 2015



**Supply Notes for January 17, 2015<sup>1,2</sup>**  
**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** As of 0730 hours, January 07, 2015, the Nalcor Grand Falls plant derating (ice conditions) has been updated to a 3 MW net impact loss to the system.

Section 2  
Island Interconnected Supply and Demand

Sun, Jan 18, 2015		Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted <sup>6</sup>
Available Island System Supply: <sup>5</sup>	1,875	MW	Sunday, January 18, 2015	-11	-6	1,460	1,365
NLH Generation: <sup>4</sup>	1,545	MW	Monday, January 19, 2015	-3	2	1,370	1,275
NLH Power Purchases:	130	MW	Tuesday, January 20, 2015	7	1	1,335	1,240
Other Island Generation:	200	MW	Wednesday, January 21, 2015	0	-4	1,450	1,355
Current St. John's Temperature:	-11	°C	Thursday, January 22, 2015	-2	-3	1,440	1,345
Current St. John's Windchill:	-19	°C	Friday, January 23, 2015	-1	-1	1,535	1,435
7-Day Island Peak Demand Forecast:	1,535	MW	Saturday, January 24, 2015	-5	-5	1,510	1,410

**Supply Notes for January 18, 2015<sup>3</sup>**  
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

Sat, Jan 17, 2015	Actual Island Peak Demand <sup>7</sup>	17:35	1,428 MW
Sun, Jan 18, 2015	Forecast Island Peak Demand		1,460 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).