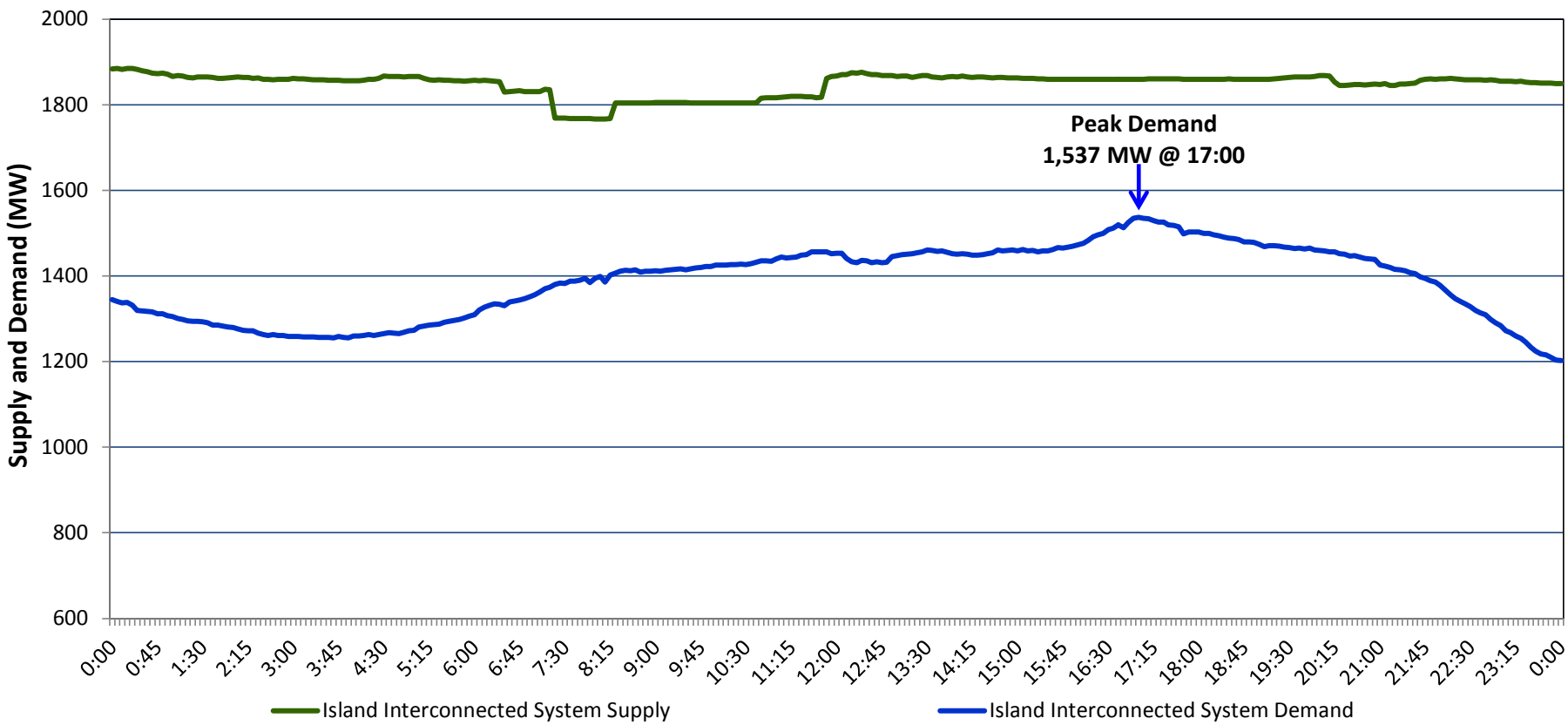


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, January 02, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, January 01, 2015



Supply Notes for January 01, 2015^{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 0627 hours, January 01, 2015, Hardwoods Gas Turbine End 'B' unavailable (25 MW).
- D At 0715 hours, January 01, 2015, Holyrood Unit 3 derated from 150 MW to 84 MW (66 MW).
- E At 0818 hours, January 01, 2015, Hardwoods Gas Turbine End 'B' returned to service (25 MW).
- F At 1148 hours, January 01, 2015, Holyrood Unit 3 returned to normal operation (150 MW).
- G At 2012 hours, January 01, 2015, Nalcor Grand Falls plant derated due to icing conditions (23 MW).

Section 2
Island Interconnected Supply and Demand

Fri, Jan 02, 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	1,875 MW	Friday, January 02, 2015	-6	-2	1,475	1,380
NLH Generation: ⁴	1,545 MW	Saturday, January 03, 2015	-9	-12	1,625	1,525
NLH Power Purchases:	105 MW	Sunday, January 04, 2015	-12	-9	1,575	1,475
Other Island Generation:	225 MW	Monday, January 05, 2015	8	4	1,325	1,230
Current St. John's Temperature:	-3 °C	Tuesday, January 06, 2015	-4	-6	1,525	1,425
Current St. John's Windchill:	-9 °C	Wednesday, January 07, 2015	-7	-8	1,525	1,425
7-Day Island Peak Demand Forecast:	1,625 MW	Thursday, January 08, 2015	-6	-8	1,500	1,400

Supply Notes for January 02, 2015³

- 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

Thu, Jan 01, 2015	Actual Island Peak Demand ⁷	17:00	1,537 MW
Fri, Jan 02, 2015	Forecast Island Peak Demand		1,475 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).